



FANCOILS Products Catalogue 2022

LOGO INDEX:

CERTIFICATIONS:



CE marking

REFRIGERANT:



R1234ze refrigerant



R134a refrigerant



R32 refrigerant



R407C refrigerant



R410A refrigerant



XP10 refrigerant

OPERATIONAL TYPES:



Evaporating unit



Cooling and heating



Cooling only



DHW



Condensing unit



Free-Cooling



Heating only



Multipurpose



For four pipes plants



For three pipes plants



For two pipes plants

INSTALLATION TYPES:



Cassette installation



Ceiling installation



Ducted installation



Floor installation
Wall installation



Air indoor unit



Air outdoor unit



Water indoor unit

KINDS OF EXCHANGERS:



Heat recovery



Plate exchanger



Pump kit



Shell and tube exchanger



Water tank

KINDS OF COMPRESSORS:



Centrifugal compressor



Inverter centrifugal compressor



Rotary compressor



Inverter rotary compressor



Scroll compressor



Inverter scroll compressor

Twin screw compressor



Inverter twin screw compressor

KINDS OF FANS:



Axial fan



Inverter axial fan



Centrifugal fan



Inverter centrifugal fan



EC fan

Plug fan



Inverter EC fan



Inverter plug fan





Internet connection



Inverter device



Low noise version



Compatible with ModBus protocol



Network operation



Cold Plasma device



Night mode



Touch control



Compatible with VMF system (Variable Multi Flow)



Aermec is one of the companies belonging to Giordano Riello International Group and takes part to Eurovent programme for NCD series.

part to Euroveit programme in NCD series.

Aermec takes part to EUROVENT Programmes: FCH - FCHP for fan coil series.

Aermec is involved in EUROVENT Programme: LCP for chiller range.

The products involved appear on the website www.eurovent-certification.com

























- Very quiet
- Touch controller mounted on-board. allows remote control with smart devices

Fan coil for universal and floor installation

Cooling capacity 0,65 ÷ 7,62 kW Heating capacity 1,45 ÷ 17,02 kW





DESCRIPTION

fan coil can be installed in any 2/4 pipe system and operates with any heat generator even at low temperatures, and thanks to varied versions and settings, it is easy to pick the ideal solution for any need.

FEATURES

Case

Protective metal cabinet with anti-corrosion polyester RAL 9003 paint, whereas the head with the air distribution grille is in RAL 7047 plastic. **Depending on the version, the distribution grille may be adjust-**

Ventilation group

Consisting of double suction centrifugal fans that are particularly silent, statically and dynamically balanced, and directly coupled with the motor shaft

The motor is wired for single phase and has three speeds, with capacitor. The motor is fitted on sealed for life bearings and is secured on anti-vibration and self-lubricating mountings.

Extractable shrouds for easy, effective cleaning

Heat exchanger coil

With copper pipes and aluminium fins, the standard or oversized main coil and the possible secondary coil have female gas water connections on the left side and the manifolds have air vents.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

Reversibility of the water connections during installation only for units with a standard or boosted main coil, or standard with BV accessory. Not reversible in all other configurations. In any case, units with the coil water connections on the right are available at the time of ordering.

Condensate drip

Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Air filter

Air filter class Coarse 25% for all versions easy to pull out and clean.

In the APC version, air purification is guaranteed by the Cold Plasma purifier.

The purifier is able to reduce pollutants, decomposing their molecules using electrical charges, causing the water molecules in the air to split into positive and negative ions. These ions neutralise the molecules in the gaseous pollutants, obtaining products normally present in clean air. The device is able to eliminate 90% of the bacteria. The result is clean, ionized air, free of foul odours.

VERSIONS

A High, with fixed air distribution grille and built-in command

ACT High, with air distribution grille and electronic thermostat

AF High, without built-in command but with front intake

APC High, with air distribution grille, electronic thermostat and Cold Plasma purifier

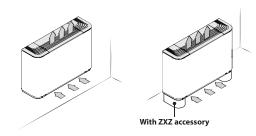
AS High, with air distribution grille and built-in command

U Universal, with adjustable air distribution grille but without built-in thermostat

 ${\bf UA}$ Universal, with fixed air distribution grille but without built-in thermostat

UF Universal, with adjustable air distribution grille but without built-in thermostat and with front intake grille

Versions with fixed grille (high cabinet)



FCZ_A

— With built-in selector.

FCZ AS

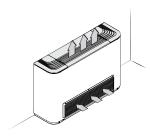
- Compatibility with VMF system.
- Without installed switch

FCZ_ACT

— With electronic thermostat for 2-pipe systems only.

FCZ APC

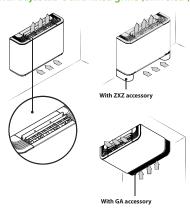
- With electronic thermostat for 2-pipe systems only.
- Cold Plasma purifier



FCZ_AF

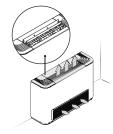
- Without installed switch
- Compatibility with VMF system.
- Front intake grille.

Versions with adjustable and fixed grille (universal)



FCZ_U

- Compatibility with VMF system.
- Without installed switch
- Distribution grille with adjustable fins. Sizes 1, 2 and 3 have a single grille, whereas sizes 4, 5, 6, 7, 8, 9 and 10 have three grilles fully independent of each other. When all the fins have closed, the unit switches off.
- Vertical and horizontal installation for 2-pipe and 4-pipe systems.



FCZ_UF

- Compatibility with VMF system.
- Without installed switch
- Air delivery grille with adjustable fins.
- Front intake grille.

FCZ_UA

- $-- Compatibility with {\tt VMF} \ system. \\$
- Without installed switch

- Air distribution grille with fixed fins.
- Vertical and horizontal installation for 2-pipe and 4-pipe systems.

ThermApp

In units with a **T-Touch-I** electronic thermostat and the **ThermApp** application, the operating mode can be set and the weekly timer programmed by simply resting the smart device on the fan coil. The graphic interface of the app also gives access to a lot more information such as the alarm list, the closest SAT, etc.

Available for Android operating systems.



GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Fie	ld	Description
1,2	,3	FCZ
4		Size 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
5		Main coil
	0	Standard
	5	Oversized
6		Secondary coil
	0	Without coil
	1	Standard
	2	Oversized
7		Version
		Only vertical installation.
	Α	High, with fixed air distribution grille and built-in command
	ACT	High, with air distribution grille and electronic thermostat
	AF	High, without built-in command but with front intake
	APC	High, with air distribution grille, electronic thermostat and Cold Plasma purifier
	AS	Free standing without installed switch
		Vertical and horizontal installation.
	U	Universal, with adjustable air distribution grille but without built-in thermostat
	UA	Universal, with fixed air distribution grille but without built-in thermostat
	UF	Universal, with adjustable air distribution grille but without built-in thermostat and with front intake grille

SIZE AVAILABLE FOR VERSION

Size		100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
Versions produced	(by size)																				
Varriana available	A,AS,U,UA		•				•	•			•	•					•			•	•
Versions available	ACT,APC		-	-			-	-			-	-			-	-	•		-	-	•
(by size)	AF,UF		-	-	•	•	-	-	•	•	-	-	•	•	-	-	•	•	-	-	•
	,																				
Size		600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
Versions produced	(by size)																				
Varsians susilable	A,AS,U,UA		•	•			•	•	•	•	•	•	•	•		•	•				
Versions available	ACT,APC		-	-			-	-			-	-			-			-			
(by size)	AF,UF	-	-	-	-	-	-	-	-	-	-	-	-	•	-	•	•	-			

ACCESSORIES

Control panels

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PX2Z: On-board electromechanical switch.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SIT3: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel (selector or thermostat). Commands the 3 fan speeds and must be installed on each fan coil within the network; receives the commands from the selector or the SIT5 card.

SIT5: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel. Commands the 3 fan speeds and up to 2 valves (four pipe systems); sends the thermostat's commands to the fan coil network.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

T-TOUCH: Touch control on board the machine, for controlling fan coils with asynchronous motors. In 2-pipe systems, it can control standard fan coils or those equipped with an electric heater, with air purifying devices or with FCZ-D twin delivery (Dualjet). In 4-pipe systems, only standard fan coils. The ThermApp application is also available for remote control with smart devices with the Android operating system.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

TXB: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

WMT05: Electronic thermostat with thermostated ventilation.

WMT06: Electronic thermostat with continuous ventilation.

WMT10: Electronic thermostat, white, with thermostated or continuous ventilation.

VMF system

SIT3Z: Interface card that permits connecting the VMF-E19 thermostats to a fan coil with a high power motor.

VMF-EOX: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E19: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E2Z: User interface on the machine, to be combined with the VMF-E0X, VMF-E19 or VMF-E19I accessory.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

VMF-SIT3: Interface card that permits connecting the VMF-E19 thermostats to a fan coil with a high power motor.

VMF-SW: Water temperature probe.

VMF-SW1: Extra water probe to be used for 4-pipe systems.

Water valves

VCZ_K: 3-way valve kit for single-coil fan coil, RH connections, for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves, and the relative hydraulic couplings. X4L version for fan coils with LH connections, and X4R for fan coils with RH connections. 230V~50Hz power supply.

VCZ: 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCF44 - 45 - for the secondary coil: The 3-way motorised valve kit for the secondary coil or an optional heat only coil. The kit consists of a valve with its insulating shell, actuator and relevant water fittings; it is suitable to be installed on the fan coils with right and left water connections.

VCZD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VJP: Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit, supplied without fittings and hydraulic components. The valve, which can guarantee a constant water flow rate in the terminal, within its operating range.

VDP: Combined adjustment and balancing valve, for 2 and 4 pipe systems to be installed outside the unit. It is comprised of a valve body without nipples with Ø 3/4'M water connections, a 230 V powered actuator with On-Off function and a 5 m power supply cable. The valve is supplied without connections or hydraulic components.

(Heating only) additional coil

BV: Single row hot water heat exchanger.

RX: Armoured electric coil with safety thermostat.

Installation accessories

PCZ: Sheet metal panel closing the rear of the unit.

GA: Lower intake grille for encapsulated fan coils. Can also be used in wall-mounted or floor installations, the FKIT accessory is needed only in the case of floor installation.

FIKIT: Metal supports for vertical installation of the GA grille.

DSCZ4: Condensate drainage device.

BCZ: Condensate drip. **AMP:** Wall mounting kit

ACCESSORIES COMPATIBILITY

Control panels

Control pan Model	Ver	100	101	102	150	200	201	202	250
	AF,UF	•	IVI	102		. 200	201	202	. 250
R503IR (1)	AS,U,UA	· ·		•					<u>:</u>
			•		•	•	•	•	
27	AF,UF	•			•	•			•
	AS,U	•	•	•	•	•	•	•	•
5 (2)	AF,UF	•			•	•			•
J (2)	AS,U,UA	•	•	•	•	•	•	•	•
T3 (3)	AS,U,UA	•	•	•	•	•	•	•	•
Γ5 (4)	AS,U,UA	•	•	•	•	•	•	•	
	AF,AS,UF	•			•	•			
V3 (2)	U,UA	•	•	•	•	•	•	•	
			<u> </u>	· · · · · · · · · · · · · · · · · · ·			-		
V5 (2)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
гоисн	AF,UF	•			•	•			•
100011	AS,U	•	•	•	•	•	•	•	•
(4)	AF,UF	•			•	•			•
(1)	AS,U,UA	•	•	•	•	•	•	•	
	AF,UF	•		-	•	•			
B (5)	AS,U,UA	•		•	•	•	•	•	
MTOF			•	· · ·			•	<u>.</u>	
MT05	AF,AS,U,UA,UF	•			•	•			•
MT06	AF,UF	•			•	•			•
	AS,U	•	•	•	•	•	•	•	•
MT10	AF,UF	•			•	•			•
IIII IV	AS,U,UA	•	•	•	•	•	•	•	•
odel	Ver	300	301	302	350	400	401	402	450
	AF,UF		301	302			401	402	
R503IR (1)		•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
27	AF,UF	•			•	•			•
LL	AS,U	•	•	•	•	•	•	•	•
r (2)	AF,UF	•			•	•			•
5 (2)	AS,U,UA		•	•	•	•	•	•	
T3 (3)	AS,U,UA	•	•	•	•	•	•	•	
T5 (4)	AS,U,UA	· ·	· ·	•	•	•		· ·	<u>:</u>
IJ (4)			•	•			•	•	
V3 (2)	AF,AS,UF	•			•	•			•
1-1	U,UA	•	•	•	•	•	•	•	•
V5 (2)	AF,UF	•			•	•			•
¥J (Z)	AS,U,UA	•	•	•	•	•	•	•	•
	AF,UF					•			
TOUCH	AS,U	•	•	•	•	•	•	•	
	AF,UF	•	<u> </u>		•	•	·····		•
((1)									
	AS,U,UA	•	•	•	•	•	•	•	•
B (5)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
MT05	AF,AS,U,UA,UF	•			•	•			•
	AF,UF	•							
MT06	AS,U	•	•	•	•	•	•	•	
	AF,UF	•	-		·	•			
MT10		-							
	AS,U,UA	•	•	•	•	•	•	•	•
odel	Ver	500	501	502	550	600	601	602	650
DEA2ID (1)	AF,UF	i i			•				
R503IR (1)	AS,U,UA		•	•	•	•	•	•	
	AF,UF	•			•				
2Z	AS,U	•	•	•	•	•	•	•	•
			•	•		•	•	•	
5 (2)	AF,UF	•			•				
	AS,U,UA	•	•	•	•	•	•	•	•
3 (3)	AS,U,UA	•	•	•	•	•	•	•	•
5 (4)	AS,U,UA	•	•	•	•	•	•	•	
	AF,UF	•							
V3 (2)	AS	•		-	•	•	•	•	
- (=)	U,UA	•	•	•	•	•	•	•	•
			•	•		•	•	•	
V5 (2)	AF,UF	•			•				
1-1	AS,U,UA	•	•	•	•	•	•	•	•
TOUCH	AF,UF	•			•				
ΙΟΟΚΠ	AS,U	•	•	•	•	•	•	•	•
	AF,UF				•	-			
(1)		_		_			-		
(1)	AS,U,UA	•	•	•	•	•	•	•	•
((1) (B (5)		•	•	•	•	•	•	•	•

Nodel	Ver	500	501	502	550	600	601	602	650
VALTOR	AF,UF	•			•				
MT05	AS,U,UA	•			•	•			
	AF,UF								
MT06	AS,U	•	•	•	•	•	•	•	•
	AF,UF	•			•				
/MT10	AS,U,UA	•		•	•	•	•		•
odel	Ver	700	701	702	750	800	801	802	850
ER503IR (1)	AS,U,UA	•	•	•	•	•	•	•	•
(27	AS,U	•	•	•	•	•	•	•	•
5 (2)	AS,U,UA	•	•	•	•	•	•	•	
T3 (3)	AS,U,UA	•	•	•	•	•	•	•	•
T5 (4)	AS,U,UA	•	•	•	•	•	•	•	
V3 (2)	AS,U,UA	•	•	•	•	•	•	•	
V5 (2)	AS,U,UA	•			•	•			
TOUCH	AS,U			•	•	•			•
(1)	AS,U,UA		•	•				•	•
B (5)	AS,U,UA	•	•	•	•	•	•		
MT05	AS,U,UA	•			•	•			
MT06	AS,U	•	•	•	•	•	•	•	•
/MT10	AS,U,UA	•	•	•	•	•	•	•	•
odel	Ver	900		901	9.		1000		1001
R503IR (1)	AF,UF					•	•		
	AS,U,UA	•		•		•	•		•
	ALILE								
27	AF,UF						•		
27	AS,U	•		•		•	•		•
	AS,U AF,UF	•		•					•
5 (2)	AS,U AF,UF AS,U,UA			•		•	•		•
15 (2)	AS,U AF,UF					•	•		
5 (2)	AS,U AF,UF AS,U,UA AF,UF					•	•		
5 (2)	AS,U AF,UF AS,U,UA AF,UF AS,U,UA	•		•		•	•		•
5 (2)	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF	•		•		•			•
5 (2)	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA								•
5 (2) T3 (3)	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA								•
	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF								•
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15 (2) 13 (3) 15 (4) 17 (2) 18 (2)	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS U,UA AF,UF AS								
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5 (2) 3 (3) 5 (4) 3 (2) 15 (2) 5 (2)	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS U,UA AF,UF AS AS U,UA AF,UF AS,U,UA AF,UF AS,U,UA								
5 (2) 3 (3) 5 (4) 73 (2) 75 (2) OUCH	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF								
5 (2) 3 (3) 5 (4) 3 (2) 15 (2) 5 (2)	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA								
5 (2) 75 (4) 75 (4) 75 (2) 75 (2) 75 (1)	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U								
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5 (2) T3 (3) T5 (4) V3 (2) V5 (2) TOUCH	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS U,UA AF,UF AS,U,UA								
5 (2) 73 (3) 75 (4) 73 (2) 75 (2) 75 (2) 75 (1) 75 (1) 75 (2) 75 (1) 75 (2)	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS U,UA AF,UF AS U,UA AF,UF AS,U,UA								
5 (2) 3 (3) 5 (4) 73 (2) 75 (2) 70 UCH (1) 8 (5) MTOS	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS U,UA AF,UF AS U,UA AF,UF AS,U,UA								
5 (2) (5 (4) (7 (4) (7 (2) (7 (2) (7 (1) (7 (1) (7 (2) (7 (1) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7 (2) (7	AS,U AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS,U,UA AF,UF AS U,UA AF,UF AS U,UA AF,UF AS,U,UA								

500

Ver

501

502

550

600

601

602

650

Model

For more information about VMF system, refer to the dedicated documentation.

VMF system

VIVIE SYSTEIL											
Model	Ver	100	101	102	150	200	201	202	250	300	301
VME FOV (1)	AF,UF	•			•	•					
VMF-EOX (1)	AS,U,UA	•	•	•	•		•	•			
VMF-E19	AF,UF	•			•	•			•	•	
VIVIF-E 19	AS,U,UA	•	•	•	•	•	•	•	•		
VMF-E2Z	AF,UF	•			•	•			•	•	
VIVIF-EZZ	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E3	AF,UF	•				•			•	•	
VIVIF-ED	U,UA	•	•	•			•		•	•	
VME FADV	AF,UF	•			•	•			•	•	
VMF-E4DX	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E4X	AF,UF					•			•	•	
VIVIT-E4A	AS.U.UA										•

⁽¹⁾ Wall-mount installation.
(2) Probe for AERSO3IR-TX thermostats, if fitted.
(3) Cards for AERSO3IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
(4) Probe for AERSO3IR-TX thermostats, if fitted.
(5) Installation on the fan coil.

Madal	Ven	100	101	103	150	200	201	202	250	200	201
Model	Ver AF,UF	100	101	102	150	200	201	202	250	300	301
VMF-IR	U,UA	•	•	•	•	•			· ·	<u> </u>	•
	AF,UF	•		-	•	•		-	•	•	
VMF-SW	AS,U	•	•	•	•			•	•	•	
VMF-SW1	AF,UF	•							•	•	
VIVIC-2NV I	AS,U	•	•	•	•	•	•	•	•	•	•
Model	Ver	302	350	400	401	402	450	500	501	502	550
VMF-E0X (1)	AF,UF		•	•			•	•			•
VIVII -LOX (1)	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E19	AF,UF		•	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E2Z	AF,UF AS,U,UA	•	•	•	•	•	•	•	•	•	•
	AF,UF	<u> </u>	•	•		<u> </u>	<u>:</u>	<u>:</u>			•
VMF-E3	U,UA	•	•	•	•					•	•
WME EADY	AF,UF		•	•							•
VMF-E4DX	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E4X	AF,UF		•	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-IR	AF,UF		•	•			•	•			•
	U,UA AF,UF	•	•	•	•	•	•	•	•	•	•
VMF-SW	AS,U	•	•	· ·	•	•	· ·	·		•	•
VME CHIA	AF,UF		•	•			•	•			•
VMF-SW1	AS,U	•	•	•	•				•		•
Model	Ver	600	601	602	650	700	701	702	750	800	801
	AF,UF	•			•	•			•	•	
SIT3Z	U,UA	•	•	•	•		•	•	•	•	•
VMF-E0X (1)	AS,UA	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•
VMF-E19	AS,UA	•	•	•	•	•	•	•	•	•	•
	U AS,UA	•	•	•	•	•	•	•	•	•	•
VMF-E2Z	U	•	•	•			•	•		•	•
	AF,UF	•			•	•			•	•	
VMF-E3	U,UA	•	•	•	•		•	•	•	•	•
VMF-E4DX	AS,UA	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•
VMF-E4X	AS,UA	•	•	•	•	•	•	•	•	•	•
	U AF,UF	•	•	•		•	•	•			•
VMF-IR	U,UA	•	•	•	•	<u> </u>	•	•	•	· ·	
	AF,UF	•			•				•		
VMF-SIT3 (2)	U,UA		•		•	•	•	•	•	•	
VMF-SW	AS	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•
VMF-SW1	AS	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•
Model	Ver	802		850	900	9	01	950	1000)	1001
SIT3Z	AF,UF U,UA	•		•	•		•	•			
	AF,UF	•		•	•		•	•			
VMF-EOX (1)	AS,UA				•		•				
	U				•		•	•	•		•
	AF,UF							•			
VMF-E19	AS,UA	•		•	•		•	•	•		•
	U	•			•		•	•	•		•
VMF-E2Z	AF,UF	•		•	•		•	•	•		•
VIVIE-LZZ	AS,UA U	•		•	•			•	•		•
	AF	-		•	•			•			
VMF-E3	U,UA			•	•		•	•	•		•
	UF			•	•			•	•		
	AF,UF							•			
VMF-E4DX	AS,UA	•		•	•		•	•	•		•
	U	•			•		•	•	•		•
VMF-E4X	AF,UF						•	•			
VIVIF-E4A	AS,UA U	•		•	•		•	•	•		•
	U	•			•		-	•	•		-

Model	Ver	802	850	900	901	950	1000	1001
	AF		•	•		•		
VMF-IR	U,UA	•	•	•	•	•	•	•
	UF		•	•		•	•	
VME CIT2 (2)	AF,UF		•	•		•		
VMF-SIT3 (2)	U,UA	•	•	•	•	•		
	AF,UF					•		
VMF-SW	AS	•	•	•	•	•	•	•
	U	•		•	•	•	•	
	AF,UF					•		
/MF-SW1	AS	•	•	•	•	•	•	
	U	•		•	•	•	•	•

Water valves

3 way valve kit

Model

VCZ1X4L (1)

VCZ1X4R (1)

VCZ2X4L (1)

Model

3 way vaive kit	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450
	VCZ41	VCZ41	VCZ41	VCZ41	VCZ41	VCZ41	VCZ41	VCZ41	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42
Main coil	VCZ41 VCZ4124	VCZ41 VCZ4124	VCZ41 VCZ4124	VCZ41 VCZ4124	VCZ4124	VCZ4124	VCZ4124	VCZ41 VCZ4124	VCZ4224	VCZ42 VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ42 VCZ4224	VCZ4224
	VCZ41Z4	VCF44	VCF44	VCZ41Z4	VCZ41Z4	VCF44	VCF44	VCZ41Z4	VCZ4ZZ4	VCF44	VCF44	VCZ4ZZ4	VCZ4ZZ4	VCF44	VCF44	VCZ4ZZ4
Secondary coil	-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-
	VCF44	VCZ++Z+	VCZ++Z+		VCF44	VCLTTZT	VCZTTZT		VCF44	VCLTTZT	VCZTTZT		VCF44	VCLTTZT	VCZTTZT	
Additional coil "BV"	VCZ4424	-	-	-	VCZ4424	-	-	-	VCZ4424	-	-	-	VCZ4424	-	-	-
	VCETTET			-	VCETTET	-			TCLTILI	-			TCETTET		-	
	500	501	502	550	600	601	602	650	700	701	702	750	800	801	802	850
	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42
Main coil	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224
· · · · · · · · · · · · · · · · · · ·		VCF44	VCF44			VCF44	VCF44			VCF44	VCF44			VCF44	VCF44	
Secondary coil	-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-
Additional cail ((DV))	VCF44				VCF44				VCF44				VCF44			
Additional coil "BV"	VCZ4424		_	-	VCZ4424	-		-	VCZ4424	-	-	-	VCZ4424	-	-	
	900	901	950	1000	1001											
Main coil	VCZ43	VCZ43	VCZ43	VCZ43	VCZ43											
Mail Coll	VCZ4324	VCZ4324	VCZ4324	VCZ4324	VCZ4324											
Secondary coil	_	VCF45	_	_	VCF45											
Secondary con		VCZ4524			VCZ4524	_										
Additional coil "BV"	VCF45	_	_	VCF45	_											
The state of the s	VCZ4524			VCZ4524												
2 way yalyo kit																
2 way valve kit	100	101	103	150	200	201	202	350	200	201	202	350	400	401	403	450
2 way valve kit	100	101	102	150 VC7D1	200	201	202	250 VC7D1	300	301	302	350	400	401	402	450
2 way valve kit Main coil	VCZD1	VCZD1	VCZD1	VCZD1	VCZD1	VCZD1	VCZD1	VCZD1	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2
		VCZD1 VCZD124	VCZD1 VCZD124			VCZD1 VCZD124	VCZD1 VCZD124			VCZD2 VCZD224	VCZD2 VCZD224			VCZD2 VCZD224	VCZD2 VCZD224	
	VCZD1	VCZD1 VCZD124 VCFD4	VCZD1 VCZD124 VCFD4	VCZD1	VCZD1	VCZD1 VCZD124 VCFD4	VCZD1 VCZD124 VCFD4	VCZD1	VCZD2	VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4	VCZD2	VCZD2	VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4	VCZD2
Main coil Secondary coil	VCZD1 VCZD124 -	VCZD1 VCZD124	VCZD1 VCZD124	VCZD1	VCZD1 VCZD124 -	VCZD1 VCZD124	VCZD1 VCZD124	VCZD1	VCZD2 VCZD224 -	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2	VCZD2 VCZD224 -	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2
Main coil	VCZD1 VCZD124 - VCFD4	VCZD1 VCZD124 VCFD4	VCZD1 VCZD124 VCFD4	VCZD1	VCZD1 VCZD124 - VCFD4	VCZD1 VCZD124 VCFD4	VCZD1 VCZD124 VCFD4	VCZD1	VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4	VCZD2	VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4	VCZD2
Main coil Secondary coil	VCZD1 VCZD124 -	VCZD1 VCZD124 VCFD4	VCZD1 VCZD124 VCFD4	VCZD1	VCZD1 VCZD124 -	VCZD1 VCZD124 VCFD4	VCZD1 VCZD124 VCFD4	VCZD1	VCZD2 VCZD224 -	VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4	VCZD2	VCZD2 VCZD224 -	VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4	VCZD2
Main coil Secondary coil	VCZD1 VCZD124 - VCFD4	VCZD1 VCZD124 VCFD4	VCZD1 VCZD124 VCFD4	VCZD1	VCZD1 VCZD124 - VCFD4	VCZD1 VCZD124 VCFD4	VCZD1 VCZD124 VCFD4	VCZD1	VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4	VCZD2	VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4	VCZD2
Main coil Secondary coil Additional coil "BV"	VCZD1 VCZD124 - VCFD4 VCZD424	VCZD1 VCZD124 VCFD4 VCZD424	VCZD1 VCZD124 VCFD4 VCZD424	VCZD1 VCZD124 - -	VCZD1 VCZD124 - VCFD4 VCZD424	VCZD1 VCZD124 VCFD4 VCZD424	VCZD1 VCZD124 VCFD4 VCZD424	VCZD1 VCZD124 - -	VCZD2 VCZD224 - VCFD4 VCZD424	VCZD2 VCZD224 VCFD4 VCZD424	VCZD2 VCZD224 VCFD4 VCZD424	VCZD2 VCZD224 - -	VCZD2 VCZD224 - VCFD4 VCZD424	VCZD2 VCZD224 VCFD4 VCZD424	VCZD2 VCZD224 VCFD4 VCZD424	VCZD2 VCZD224 - -
Main coil Secondary coil	VCZD1 VCZD124 - VCFD4 VCZD424	VCZD1 VCZD124 VCFD4 VCZD424 - - 501 VCZD2	VCZD124 VCZD124 VCFD4 VCZD424 -	VCZD1 VCZD124 - - - 550	VCZD1 VCZD124 - VCFD4 VCZD424 600	VCZD1 VCZD124 VCFD4 VCZD424 -	VCZD1 VCZD124 VCFD4 VCZD424 - -	VCZD1 VCZD124 - - -	VCZD2 VCZD224 - VCFD4 VCZD424 700	VCZD2 VCZD224 VCFD4 VCZD424 - - 701	VCZD2 VCZD224 VCFD4 VCZD424 - - 702	VCZD2 VCZD224 - - - 750	VCZD2 VCZD224 - VCFD4 VCZD424 800	VCZD2 VCZD224 VCFD4 VCZD424 - - 801	VCZD2 VCZD224 VCFD4 VCZD424 	VCZD2 VCZD224 - - - 850
Main coil Secondary coil Additional coil "BV"	VCZD1 VCZD124 - VCFD4 VCZD424 500 VCZD2	VCZD1 VCZD124 VCFD4 VCZD424 - - 501 VCZD2	VCZD1 VCZD124 VCFD4 VCZD424 - 502 VCZD2	VCZD1 VCZD124 - - - 550 VCZD2	VCZD1 VCZD124 - VCFD4 VCZD424 600 VCZD2	VCZD1 VCZD124 VCFD4 VCZD424 - - 601 VCZD2	VCZD1 VCZD124 VCFD4 VCZD424 - - 602 VCZD2	VCZD1 VCZD124 - - - 650 VCZD2	VCZD2 VCZD224 - VCFD4 VCZD424 700 VCZD2	VCZD2 VCZD224 VCFD4 VCZD424 - - 701 VCZD2	VCZD2 VCZD224 VCFD4 VCZD424 - - 702 VCZD2	VCZD224 750 VCZD22	VCZD2 VCZD224 - VCFD4 VCZD424 800 VCZD2	VCZD2 VCZD224 VCFD4 VCZD424 - - 801 VCZD2	VCZD2 VCZD224 VCFD4 VCZD424 - - 802 VCZD2	VCZD2 VCZD224 - - - 850 VCZD2
Main coil Secondary coil Additional coil "BV"	VCZD1 VCZD124 - VCFD4 VCZD424 500 VCZD2	VCZD1 VCZD124 VCFD4 VCZD424 - 501 VCZD2 VCZD224	VCZD124 VCFD4 VCZD424 - 502 VCZD224	VCZD1 VCZD124 - - - 550 VCZD2	VCZD1 VCZD124 - VCFD4 VCZD424 600 VCZD2	VCZD124 VCFD4 VCZD424 - 601 VCZD224	VCZD124 VCFD4 VCZD424 - 602 VCZD224	VCZD1 VCZD124 - - - 650 VCZD2	VCZD2 VCZD224 - VCFD4 VCZD424 700 VCZD2	VCZD224 VCFD4 VCZD424 701 VCZD224	VCZD2 VCZD224 VCFD4 VCZD424 702 VCZD2 VCZD224	VCZD224 750 VCZD22	VCZD2 VCZD224 - VCFD4 VCZD424 800 VCZD2	VCZD2 VCZD224 VCFD4 VCZD424 - 801 VCZD2 VCZD224	VCZD224 VCFD4 VCZD424 802 VCZD224	VCZD2 VCZD224 - - - 850 VCZD2
Main coil Secondary coil Additional coil "BV" Main coil Secondary coil	VCZD1 VCZD124 - VCFD4 VCZD424 500 VCZD2	VCZD1 VCZD124 VCFD4 VCZD424 - - 501 VCZD2 VCZD224 VCFD4	VCZD1 VCZD124 VCFD4 VCZD424 502 VCZD2 VCZD2 VCZD224	VCZD1 VCZD124 - - - 550 VCZD2	VCZD1 VCZD124 - VCFD4 VCZD424 600 VCZD2	VCZD124 VCFD4 VCZD424 - 601 VCZD224 VCFD4	VCZD124 VCFD4 VCZD424 - 602 VCZD224 VCFD44	VCZD1 VCZD124 - - - 650 VCZD2	VCZD2 VCZD224 - VCFD4 VCZD424 700 VCZD2	VCZD2 VCZD224 VCFD4 VCZD424 701 VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 702 VCZD2 VCZD2 VCZD224	VCZD224 750 VCZD22	VCZD2 VCZD224 - VCFD4 VCZD424 800 VCZD2	VCZD2 VCZD224 VCFD4 VCZD424 801 VCZD2 VCZD224 VCFD4	VCZD224 VCFD4 VCZD424 802 VCZD224 VCZD224 VCZD224 VCFD4	VCZD2 VCZD224 - - - 850 VCZD2
Main coil Secondary coil Additional coil "BV"	VCZD1 VCZD124 - VCFD4 VCZD424 500 VCZD2 VCZD224	VCZD1 VCZD124 VCFD4 VCZD424 - - 501 VCZD2 VCZD224 VCFD4	VCZD1 VCZD124 VCFD4 VCZD424 502 VCZD2 VCZD2 VCZD224	VCZD1 VCZD124 - - - 550 VCZD2	VCZD124 - VCFD4 VCZD424 600 VCZD2 VCZD224 -	VCZD124 VCFD4 VCZD424 - 601 VCZD224 VCFD4	VCZD124 VCFD4 VCZD424 - 602 VCZD224 VCFD44	VCZD1 VCZD124 - - - 650 VCZD2	VCZD224 - VCFD4 VCZD424 700 VCZD2 VCZD224	VCZD2 VCZD224 VCFD4 VCZD424 701 VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 702 VCZD2 VCZD2 VCZD224	VCZD224 750 VCZD22	VCZD2 VCZD224 - VCFD4 VCZD424 800 VCZD2 VCZD224 -	VCZD2 VCZD224 VCFD4 VCZD424 801 VCZD2 VCZD224 VCFD4	VCZD224 VCFD4 VCZD424 802 VCZD224 VCZD224 VCZD224 VCFD4	VCZD2 VCZD224 - - - 850 VCZD2
Main coil Secondary coil Additional coil "BV" Main coil Secondary coil	VCZD1 VCZD124 - VCFD4 VCZD424 - VCZD2 VCZD224 - VCFD4	VCZD1 VCZD124 VCFD4 VCZD424 - - 501 VCZD2 VCZD224 VCFD4	VCZD1 VCZD124 VCFD4 VCZD424 502 VCZD2 VCZD2 VCZD224	VCZD1 VCZD124 - - - 550 VCZD2	VCZD124 - VCFD4 VCZD424 600 VCZD2 VCZD224 - VCFD4	VCZD124 VCFD4 VCZD424 - 601 VCZD224 VCFD4	VCZD124 VCFD4 VCZD424 - 602 VCZD224 VCFD44	VCZD1 VCZD124 - - - 650 VCZD2	VCZD2 VCZD224 - VCFD4 VCZD424 700 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 701 VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 702 VCZD2 VCZD2 VCZD224	VCZD224 750 VCZD22	VCZD2 VCZD224 - VCFD4 VCZD424 800 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 801 VCZD2 VCZD224 VCFD4	VCZD224 VCFD4 VCZD424 802 VCZD224 VCZD224 VCZD224 VCFD4	VCZD2 VCZD224 - - - 850 VCZD2
Main coil Secondary coil Additional coil "BV" Main coil Secondary coil	VCZD1 VCZD124 - VCFD4 VCZD424 - VCZD2 VCZD224 - VCFD4	VCZD1 VCZD124 VCFD4 VCZD424 - - 501 VCZD2 VCZD224 VCFD4	VCZD1 VCZD124 VCFD4 VCZD424 502 VCZD2 VCZD2 VCZD224	VCZD1 VCZD124 - - - 550 VCZD2	VCZD124 - VCFD4 VCZD424 600 VCZD22 VCZD224 - VCFD4	VCZD124 VCFD4 VCZD424 - 601 VCZD224 VCFD4	VCZD124 VCFD4 VCZD424 - 602 VCZD224 VCFD44	VCZD1 VCZD124 - - - 650 VCZD2	VCZD2 VCZD224 - VCFD4 VCZD424 700 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 701 VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 702 VCZD2 VCZD2 VCZD224	VCZD224 750 VCZD22	VCZD2 VCZD224 - VCFD4 VCZD424 800 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 801 VCZD2 VCZD224 VCFD4	VCZD224 VCFD4 VCZD424 802 VCZD224 VCZD224 VCZD224 VCFD4	VCZD2 VCZD224 - - - 850 VCZD2
Main coil Secondary coil Additional coil "BV" Main coil Secondary coil Additional coil "BV"	VCZD1 VCZD124 - VCFD4 VCZD424 - VCZD224 - VCFD4 VCZD224 - VCFD4 VCZD424	VCZD1 VCZD124 VCFD4 VCZD424 - 501 VCZD2 VCZD224 VCFD4 VCZD424	VCZD1 VCZD124 VCFD4 VCZD424 - 502 VCZD2 VCZD224 VCFD4 VCZD424	VCZD11 VCZD124 - - - 550 VCZD2 VCZD224 -	VCZD1 VCZD124 - VCFD4 VCZD424 - 600 VCZD2 VCZD224 - VCFD4 VCZD424	VCZD124 VCFD4 VCZD424 - 601 VCZD224 VCFD4	VCZD124 VCFD4 VCZD424 - 602 VCZD224 VCFD44	VCZD1 VCZD124 - - - 650 VCZD2	VCZD2 VCZD224 - VCFD4 VCZD424 700 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 701 VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 702 VCZD2 VCZD2 VCZD224	VCZD224 750 VCZD22	VCZD2 VCZD224 - VCFD4 VCZD424 800 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 801 VCZD2 VCZD224 VCFD4	VCZD224 VCFD4 VCZD424 802 VCZD224 VCZD224 VCZD224 VCFD4	VCZD2 VCZD224 - - - 850 VCZD2
Main coil Secondary coil Additional coil "BV" Main coil Secondary coil	VCZD1 VCZD124 VCFD4 VCZD424 500 VCZD2 VCZD224 - VCFD4 VCZD424	VCZD1 VCZD124 VCFD4 VCZD424 - 501 VCZD224 VCZD224 VCFD4 VCZD424 - 901 VCZD3	VCZD1 VCZD124 VCFD4 VCZD424 - 502 VCZD2 VCZD224 VCFD4 VCZD424 - -	VCZD11 VCZD124 550 VCZD2 VCZD224 1000	VCZD1 VCZD124 - VCFD4 VCZD424 - 600 VCZD2 VCZD224 - VCFD4 VCZD424 1001	VCZD124 VCFD4 VCZD424 - 601 VCZD224 VCFD4	VCZD124 VCFD4 VCZD424 - 602 VCZD224 VCFD44	VCZD1 VCZD124 - - - 650 VCZD2	VCZD2 VCZD224 - VCFD4 VCZD424 700 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 701 VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 702 VCZD2 VCZD2 VCZD224	VCZD224 750 VCZD22	VCZD2 VCZD224 - VCFD4 VCZD424 800 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 801 VCZD2 VCZD224 VCFD4	VCZD224 VCFD4 VCZD424 802 VCZD224 VCZD224 VCZD224 VCFD4	VCZD2 VCZD224 - - - 850 VCZD2
Main coil Secondary coil Additional coil "BV" Main coil Secondary coil Additional coil "BV"	VCZD1 VCZD124 - VCFD4 VCZD424 500 VCZD2 VCZD224 - VCFD4 VCZD424 900 VCZD3	VCZD1 VCZD124 VCFD4 VCFD4 VCZD24 - 501 VCZD2 VCZD224 VCFD4 VCZD424 - 901 VCZD3 VCZD324 VCFD4 VCZD324 VCFD4 VCZD324 VCFD4	VCZD1 VCZD124 VCFD4 VCZD424 - 502 VCZD224 VCZD224 VCFD4 VCZD424 - 950 VCZD3	VCZD1 VCZD124 550 VCZD2 VCZD224 1000 VCZD3	VCZD124 - VCFD4 VCZD424 600 VCZD2 VCZD224 - VCFD4 VCZD424 1001 VCZD3 VCZD324 VCFD4 VCZD324 VCFD4	VCZD124 VCFD4 VCZD424 - 601 VCZD224 VCFD4	VCZD124 VCFD4 VCZD424 - 602 VCZD224 VCFD44	VCZD1 VCZD124 - - - 650 VCZD2	VCZD2 VCZD224 - VCFD4 VCZD424 700 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 701 VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 702 VCZD2 VCZD2 VCZD224	VCZD224 750 VCZD22	VCZD2 VCZD224 - VCFD4 VCZD424 800 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 801 VCZD2 VCZD224 VCFD4	VCZD224 VCFD4 VCZD424 802 VCZD224 VCZD224 VCZD224 VCFD4	VCZD2 VCZD224 - - - 850 VCZD2
Main coil Secondary coil Additional coil "BV" Main coil Secondary coil Additional coil "BV"	VCZD1 VCZD124 - VCFD4 VCZD424 500 VCZD2 VCZD224 - VCFD4 VCZD424 - VCFD4 VCZD424 - VCZD424 - VCZD424 - VCZD424 - VCZD324	VCZD1 VCZD124 VCFD4 VCZD424 - 501 VCZD224 VCZD224 VCFD4 VCZD424 - 901 VCZD3 VCZD324	VCZD1 VCZD124 VCFD4 VCZD424 - 502 VCZD224 VCZD224 VCFD4 VCZD424 - 950 VCZD3	VCZD1 VCZD124 550 VCZD2 VCZD224 1000 VCZD3 VCZD324	VCZD124 - VCFD4 VCZD424 600 VCZD2 VCZD224 - VCFD4 VCZD424 1001 VCZD3 VCZD324	VCZD124 VCFD4 VCZD424 - 601 VCZD224 VCFD4	VCZD124 VCFD4 VCZD424 - 602 VCZD224 VCFD44	VCZD1 VCZD124 - - - 650 VCZD2	VCZD2 VCZD224 - VCFD4 VCZD424 700 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 701 VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 702 VCZD2 VCZD2 VCZD224	VCZD224 750 VCZD22	VCZD2 VCZD224 - VCFD4 VCZD424 800 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 801 VCZD2 VCZD224 VCFD4	VCZD224 VCFD4 VCZD424 802 VCZD224 VCZD224 VCZD224 VCFD4	VCZD2 VCZD224 - - - 850 VCZD2
Main coil Secondary coil Additional coil "BV" Main coil Secondary coil Additional coil "BV"	VCZD1 VCZD124 - VCFD4 VCZD424 500 VCZD2 VCZD224 - VCFD4 VCZD424 900 VCZD3	VCZD1 VCZD124 VCFD4 VCFD4 VCZD24 - 501 VCZD2 VCZD224 VCFD4 VCZD424 - 901 VCZD3 VCZD324 VCFD4 VCZD324 VCFD4 VCZD324 VCFD4	VCZD1 VCZD124 VCFD4 VCZD424 - 502 VCZD224 VCZD224 VCFD4 VCZD424 - 950 VCZD3	VCZD1 VCZD124 550 VCZD2 VCZD224 1000 VCZD3	VCZD124 - VCFD4 VCZD424 600 VCZD2 VCZD224 - VCFD4 VCZD424 1001 VCZD3 VCZD324 VCFD4 VCZD324 VCFD4	VCZD124 VCFD4 VCZD424 - 601 VCZD224 VCFD4	VCZD124 VCFD4 VCZD424 - 602 VCZD224 VCFD44	VCZD1 VCZD124 - - - 650 VCZD2	VCZD2 VCZD224 - VCFD4 VCZD424 700 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 701 VCZD2 VCZD224 VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 702 VCZD2 VCZD2 VCZD224	VCZD224 750 VCZD22	VCZD2 VCZD224 - VCFD4 VCZD424 800 VCZD2 VCZD224 - VCFD4	VCZD2 VCZD224 VCFD4 VCZD424 801 VCZD2 VCZD224 VCFD4	VCZD224 VCFD4 VCZD424 802 VCZD224 VCZD224 VCZD224 VCFD4	VCZD2 VCZD224 - - - 850 VCZD2

102

302

150

350

200

400

201

401

202

402

250

450

101

301

Valve Kit for 4 pipe systems - Requires a thermost at with valve management

100

300

Ver

AF,AS,U,UA,UF

AF,AS,U,UA,UF

Ver

AF,AS,U,UA,UF

⁽¹⁾ Also the accessory VMF-SIT3 is mandatory if the unit exceeds 0.7 Amperes.
(2) For the selection, consult the documentation for the thermostat and the fan coil.

Model	Ver	300	301	302	350	400	401	402	450
VCZ2X4R (1)	AF,AS,U,UA,UF	•			•	•			•
Model	Ver	500	501	502	550	600	601	602	650
VCZ2X4L (1)	AF,UF	•			•				
	AS,U,UA AF,UF	•			•	•			•
VCZ2X4R (1)	AS,U,UA	•			•	•			•
Model	Ver	700	701	702	750	800	801	802	850
VCZ2X4L (1)	AS,U,UA	•			•	•			•
VCZ2X4R (1)	AS,U,UA	•			•	•			•
Model	Ver	900		901		50	1000		1001
VCZ3X4L (1) VCZ3X4R (1)	AF,AS,U,UA,UF AF,AS,U,UA,UF	•				•	•		
	with the units if there is a control par	nel for managing t	hem.						
	nt and Balancing Valve								
Model	Ver	100	101	102	150	200	201	202	250
VJP060 (1)	ACT,APC	•			•	•			•
131 000 (1)	AS,U,UA	•	•	•	•	•	•	•	•
VJP060M (2)	ACT,APC AS,U,UA	•	•	•	•	•	•	•	•
Model	Ver	300		302	350	400			
Model	ACT,APC	300	301	302	. 350	400	401	402	450
VJP060 (1)	AS,U,UA	•	•	•	•				
VJP060M (2)	ACT,APC	•			•				
737 000 (L)	AS,U,UA	•	•	•	•				
VJP090 (1)	ACT,APC AS,U,UA					•	•	•	•
VIDOOM (2)	ACT,APC					•			
VJP090M (2)	AS,U,UA					•	•	•	•
Model	Ver	500	501	502	550	600	601	602	650
VJP090 (1)	ACT,APC AS,U,UA	•			•	•			•
	AS,U,UA ACT,APC	•	•	•	•	•	•	•	•
VJP090M (2)	AS,U,UA		•	•	•	•	•	•	•
VJP150 (1)	ACT,APC					•			•
137 130 (1)	AS,U,UA					•	•	•	•
VJP150M (2)	ACT,APC AS,U,UA					•	•		•
Model	Ver	700	701	702	750	800	801	802	850
	ACT,APC	700	701	702	•		001		•
VJP150 (1)	AS,U,UA		•	•	•		•	•	•
VJP150M (2)	ACT,APC				•				•
	AS,U,UA		•	•	•		•	•	•
Model	Ver ACT,APC	900		901		•	1000		1001
VJP150 (1)	AS,U,UA			•		•	•		•
VJP150M (2)	ACT,APC					•	•		
אוווסכו ונא (ב)	AS,U,UA			•		•	•		•
(1) 230V~50Hz (2) 24V									
Model	Ver	100	101	102	150	200	201	202	250
VDP15HF (1)	A,AS,U,UA	•	•	•	•	•	•	•	•
וווכו וטז (וו	ACT,AF,APC,UF	•			•	•			•
VDP15HF24 (1)	A,AS,U,UA ACT,AF,APC,UF	•	•	•	•	•	•	•	•
VDD45UEM (4)	A,AS,U,UA	•	•	•	•	•	•	•	•
VDP15HFM (1)	ACT,AF,APC,UF	•			•	•			•
Model	Ver	300	301	302	350	400	401	402	450
VDP15HF (1)	A,AS,U,UA	•	•	•	•	•	•	•	•
(4)	ACT,AF,APC,UF	•			•	•			•
VDP15HF24 (1)	A,AS,U,UA ACT,AF,APC,UF	•	•	•	•	•	•	•	•
	יוכויטויטו כיסן				-	-			-
VDP15HFM (1)	A,AS,U,UA	•	•	•	•	•	•		•

Model	Ver	500	501	502	550	600	601	602	650
	A,AS,U,UA	•	•	•	•	•	•	•	•
VDP15HF (1)	ACT,APC				•	•			
	AF,UF	•			•				-
	A,AS,U,UA	•	•	•	•	•	•	•	
/DP15HF24 (1)	ACT,APC	•			•	•			
	AF,UF				•				
	A,AS,U,UA	•	•	•	•	•	•	•	
/DP15HFM (1)	ACT,APC	•			•	•			
	AF,UF	•							
Nodel	Ver	700	701	702	750	800	801	802	850
/DD1ELIE (1)	A,AS,U,UA	•	•	•	•	•	•	•	•
/DP15HF (1)	ACT,APC	•			•	•			
/DP15HF24 (1)	A,AS,U,UA	•	•	•	•	•	•	•	
IUP 13HF24 (1)	ACT,APC	•			•	•			
VDP15HFM (1)	A,AS,U,UA		•	•	•	•		•	
VUP IORFWI (I)	ACT,APC	•			•	•			•
Model	Ver	900		901	9	50	1000		1001
(DD4 ELIE (4)	A,AS,U,UA	•		•		•	•		•
/DP15HF (1)	ACT,AF,APC,UF	•				•	•		
/DD1/EUF24 (1)	A,AS,U,UA	•		•		•	•		•
/DP15HF24 (1)	ACT,AF,APC,UF	•				•	•		
/DD1ELIEM (1)	A,AS,U,UA	•		•		•	•		•
/DP15HFM (1)	ACT.AF.APC.UF	•		·	·	•			

⁽¹⁾ The compatibility of the valves with the unit must be checked using the project capacity.

(Heating only) additional coil

Heating only additional coil

Model	Ver	100	101	102	150	200	201	202	250
BV117 (1)	A,AF,AS,U,UA,UF	•							
BV122 (1)	A,AF,AS,U,UA,UF					•			
Model	Ver	300	301	302	350	400	401	402	450
BV132 (1)	A,AF,AS,U,UA,UF	•							
BV142 (1)	A,AF,AS,U,UA,UF					•			
Model	Ver	500	501	502	550	600	601	602	650
BV142 (1)	A,AF,AS,U,UA,UF	•							
BVZ800 (1)	A,AS,U,UA					•			
Model	Ver	700	701	702	750	800	801	802	850
BVZ800 (1)	A,AS,U,UA	•				•			
Model	Ver	900		901	9.	50	1000		1001
BV162 (1)	A,AF,AS,U,UA,UF	•	•	•	•		•		•

⁽¹⁾ Not available for sizes with oversized main coil.

Electric coil - Requires a thermostat with heater management. Not available for sizes with an oversized main coil.

Model	Ver	100	101	102	150	200	201	202	250
RX17 (1)	AF,AS,U,UA,UF	•							
RX22 (1)	AF,AS,U,UA,UF					•			
Model	Ver	300	301	302	350	400	401	402	450
RX32 (1)	AF,AS,U,UA,UF	•							
RX42 (1)	AF,AS,U,UA,UF					•			
Model	Ver	500	501	502	550	600	601	602	650
RX52 (1)	AF,AS,U,UA,UF	•							
RXZ800 (1)	AS,U,UA								
Model	Ver	700	701	702	750	800	801	802	850
RXZ800 (1)	AS,U,UA	•				•			
Model	Ver	900		901	9:	50	1000		1001
RX62 (1)	AF,AS,U,UA,UF						•		

 $^{(1) \ \} Requires a thermostat with heater management. Not available for sizes with an oversized main coil.$

Installation accessories

Wall mounting kit

Ver	100	101	102	150	200	201	202	250
U,UA	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20
HE	AMP20	_	_	AMP20	AMP20			AMP20
UI	AIVIF ZU			AIVII ZU	MIVII ZU			AIVII ZU
ie accessory cannot l	be fitted on the configura	tions indicated with -	-	AIVII 20	AWII 20			AIVII 20
ne accessory cannot l Ver		tions indicated with –	302	350	400	401	402	450

Vei	r 30	0	301	302 3	50	400	401	402	450
UF			-		1P20	AMP20	-	-	AMP20
accessor	y cannot be fitted on th	e configurations indi	cated with -						
Vei	r 50	0	501	502 5	50	600	601	602	650
U,U			AMP20		1P20	AMPZ	AMPZ	AMPZ	AMPZ
UF	AMP	20	-	- AN	1P20	-	-	-	-
accessor	y cannot be fitted on th	e configurations indi	cated with -						
Vei			701		50	800	801	802	850
U,U	A AMI	PZ	AMPZ	AMPZ AI	MPZ	AMPZ	AMPZ	AMPZ	AMPZ
Vei		900		901	950		1000		1001
U,U	A	AMPZ		AMPZ	AMPZ		AMPZ		AMPZ
onden	sate recirculati	on device							
odel	Ver	10	00 10	1 102	150	200	201	202	250
	A,AS,U,						•		
SCZ4 (1)	ACT,AF		•	, 	•	•			•
odel	Ver	30	00 30	1 302	350	400	401	402	450
	A,AS,U,				•	•	•	•	•
SCZ4 (1)	ACT, AF				•	•			•
odel	Ver	50	00 50	1 502	550	600	601	602	650
	A,AS,U,				•	•	•		•
SCZ4 (1)	ACT,AF				•	•			
odel	Ver	7(00 70	1 702	750	800	801	802	850
	A,AS,U,				•	•	•	•	•
SCZ4 (1)	ACT,AF	γ(,			•	•			•
odel	Ver		900	901		950	1000		1001
SCZ4 (1)	A,AS,U,		•	•		•	•		•
л с т (1)	ACT,AF	γ(•				•		
) DSC4 can	nnot be mounted if ever	just one of these ac	cessories is also installe	d: AMP - AMPZ valve VCZ1-2-3-	4 X4L/R and all the co	ndensate collection tr	ays.		
onden:	sate drip								
odel	Ver	100	101	102	150	200	201	202	250
Z4 (1) —	A,AS,U,UA	•	•	•	•	•	•	•	•
-27(1)	ACT,APC								
C7F (2)					•	•			•
.Z5 (Z) =	A,AS,U,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
	ACT,APC Ver	300	301	302	350	400	401	402	450
CZ5 (2) — lodel CZ4 (1) —	ACT,APC Ver A,AS,U,UA	300			350	400			450
odel	ACT,APC Ver A,AS,U,UA ACT,APC	300	301	302	350	400	401	402	450
odel Z4 (1) —	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA	300	301	302	350	400	401	402	450
odel Z4 (1) – Z5 (2) –	Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA	300	301 •	302 •	350	400	401 •	402	450
odel	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver	300	301 • •	302 • •	350	400	401	402 ·	450
odel	Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA	300	301 •	302 •	350	400	401 • •	402	450
odel	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA	300	301 • •	302 • •	350		401 • •	402 ·	450
odel	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC	300	301 • • 501	302		400	401 • • 601	402	450
odel	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA	300 	301 • • 501	302		400	401 • • 601	402	
odel	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC ACT,APC ACT,APC ACT,APC ACT,APC ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA		301	302 			401 · · · 601 ·	402	
odel	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC		301 · · 501 · · 701	302 			401 · · · 601 · ·	402 · · 602 · · 802	
odel	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC ACT,APC AACT,APC AACT,APC A,AS,U,UA		301 · · 501 · · 701	302 			401 · · · 601 · ·	402 · · 602 · · 802	650
odel	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC ACT,APC ACT,APC ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA		301 · · 501 · · 701	302 			401 · · · 601 · · 801 ·	402 	650
odel	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC ACT,APC ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC ACT,APC ACT,APC Ver A,AS,U,UA		301 · · 501 · · 701	302 			401 	402 	650
z4 (1) - z5 (2) - odel z4 (1) - z5 (2) - odel z4 (1) - z5 (2) - odel z4 (1) - z5 (2) -	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC ACT,APC ACT,APC Ver A,AS,U,UA		301 · · 501 · · 701	302 			401 	402 	
Control Cont	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC ACT,APC ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC		301 · · 501 · · 701	302 			401 	402 	
Control Cont	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA		301 · · 501 · · 701	302 			401 	402 	
25 (2) - 25 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26 (2) - 26	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC ACT,APC ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC	300	301 · · 501 · · 701	302 			401	402 	
To vertite: For horize	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC CAL installation.	300 	301 · · 501 · · 701	302 			401	402 	
odel (Z4 (1)	ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC ACT,APC A,AS,U,UA ACT,APC CA,AS,U,UA ACT,APC ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Cal installation.		301 	302 			401	402 	
odel ZZ4 (1) - ZZ5 (2) - odel ZZ4 (1) - Odel Odel Odel Odel	ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC	300	301 	302 			401 	402 	
odel ZZ4(1) - ZZ5(2) - odel D for vertia: For horiz	ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC A,AS,U,UA ACT,APC ACT,APC	300	301	302 			401 	402 	
To vertiting Code	ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC ACT,APC A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC Ver A,AS,U,UA ACT,APC	300	301	302 			401 	402 	

Model	Ver	300	301	302	350	400	401	402	450
PCZ300	A,AS,U,UA	•	•	•	•				
	ACT,APC A,AS,U,UA	•			•	•		•	•
PCZ500	ACT,APC					•	•	•	
Model	Ver	500	501	502	550	600	601	602	650
	A,AS,U,UA	•			•	000	001	002	050
PCZ500	ACT,APC				•				
PCZ800	A,AS,U,UA					•	•	•	•
F CZ000	ACT,APC					•			•
Model	Ver	700	701	702	750	800	801	802	850
PCZ800	A,AS,U,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
Model	Ver	90	0	901		950	1000		1001
PCZ1000	A,AS,U,UA			•		•	•		•
	ACT,APC	•				•	•		
Lower intak	e grille								
Model	Ver	100	101	102	150	200	201	202	250
GA100	U,UA	•	•	•	•				
GA200	U,UA					•	•	•	•
Model	Ver	300	301	302	350	400	401	402	450
GA300	U,UA	•	•	•	•				
GA500	U,UA					•	•	•	•
Model	Ver	500	501	502	550	600	601	602	650
GA500	U,UA	•	•	•	•				
GA800	U,UA					•	•	•	•
Model	Ver	700	701	702	750	800	801	802	850
GA800	U,UA	•	•	•	•	•	•	•	•
Model GA800	Ver U,UA	90	0	901		950	1000		1001
Supports to	be combined with t	he ornan	nental arille	(GA) for floor in	stallation of the	fan coil			
Model	Ver		100		102 150		201	202	250
FIKIT100	A,AS,U,UA	١	•	•					
FINITIOU	ACT,AF,APC,		•		•				
FIKIT200	A,AS,U,UA					•	•	•	•
	ACT,AF,APC,	UF				•			•
Model	Ver		300		302 350	400	401	402	450
FIKIT300	A,AS,U,UA		•	•	•				
	ACT,AF,APC, A,AS,U,UA		•		•	•	•	•	•
FIKIT500	ACT,AF,APC,					•	-	-	•
Model	Ver	-	500	501	502 550	600	601	602	650
	A,AS,U,UA	\	•	•	• •	000	001	002	030
FIKIT500	ACT,AF,APC,		•		•				
FIKIT800	A,AS,U,UA					•	•		•
i inti i oot	ACT,APC					•			•
Model	Ver		700	701	702 750	800	801	802	850
FIKIT800	ACT,APC		•		•	•			•
	U,UA		•	•		•	•	•	•
Model	Ver		900		01	950	1000		1001
FIKIT800	A,AS,U,UA		•		•	•	•		•
	ACT,AF,APC,	Ul	•			•	•		
Pair of stylis	h structural feet								
Model	Ver	100	101	102	150	200	201	202	250
ZXZ	A,AS,U,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
Model	Ver	300	301	302	350	400	401	402	450
ZXZ	A,AS,U,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
Model	Ver	500	501	502	550	600	601	602	650
ZXZ	A,AS,U,UA	•	•	•	•	•	•	•	•
	ACT,APC					•			
	· · · · · · · · · · · · · · · · · · ·								

Model	Ver	700	701	702	750	800	801	802	850
7V7	A,AS,U,UA	•	•	•	•	•	•	•	•
ZXZ	ACT,APC	•			•	•			•
Model	Ver	900		901	9.	50	1000		1001
7V7	A,AS,U,UA	•		•			•		•
LNL	ACT,APC					•	•		

PERFORMANCE SPECIFICATIONS

		ı	FCZ10	0		CZ15)		CZ200)		CZ250)	- 1	CZ30	0		FCZ35	0	ı	CZ40	0		FCZ45	0	ı	CZ50	0		FCZ55	,
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60	°C (1)																														
Heating capacity	kW	1,45	2,00	2,40	1,55	2,19	2,65	2,02	2,95	3,70	2,20	3,18	4,05	3,47	4,46	5,50	3,77	4,92	6,15	4,32	5,74	7,15	4,57	6,29	7,82	5,27	7,31	8,50	5,82	8,34	9,75
Water flow rate system side	I/h	125	172	206	136	192	232	177	258	324	193	278	355	304	391	482	330	431	539	379	503	627	400	551	685	462	641	745	510	731	855
Pressure drop system side	kPa	4	7	9	5	9	12	6	12	18	7	15	23	7	12	18	8	14	20	9	16	24	6	11	16	12	21	28	10	20	26
Heating performance 45 °C / 40	°C (2)																														
Heating capacity	kW	0,72	0,99	1,19	0,77	1,09	1,31	1,00	1,46	1,84	1,09	1,58	2,01	1,72	2,21	2,73	1,87	2,44	3,06	2,14	2,85	3,55	2,27	3,12	3,88	2,62	3,63	4,22	2,89	4,14	4,85
Water flow rate system side	I/h	126	173	207	134	189	229	174	254	319	190	274	350	299	385	475	325	425	531	373	495	617	394	543	675	455	631	734	502	720	842
Pressure drop system side	kPa	4	7	10	5	9	12	6	12	18	8	15	22	8	12	18	8	14	20	10	16	24	6	11	16	12	21	28	10	20	26
Cooling performance 7 °C / 12 °	C (3)																														
Cooling capacity	kW	0,65	0,84	1,00	0,80	1,06	1,27	0,89	1,28	1,60	1,06	1,55	1,94	1,68	2,17	2,65	1,89	2,46	3,02	2,20	2,92	3,60	2,41	3,21	4,03	2,68	3,69	4,25	2,91	4,13	4,79
Sensible cooling capacity	kW	0,51	0,69	0,83	0,57	0,80	0,97	0,71	1,05	1,33	0,79	1,20	1,52	1,26	1,65	2,04	1,33	1,76	2,18	1,59	2,14	2,67	1,69	2,30	2,90	1,94	2,73	3,18	2,07	2,98	3,49
Water flow rate system side	I/h	112	144	172	138	182	219	153	221	275	182	267	334	288	374	456	350	460	560	379	503	619	414	552	694	460	634	731	501	711	824
Pressure drop system side	kPa	4	6	8	6	12	13	6	12	18	8	17	25	8	13	18	11	18	25	10	16	24	9	15	22	13	22	29	12	22	28
Fan																															
Туре	type															Centr	ifugal														
Fan motor	type														/	Asynch	ronou	IS													
Number	no.		1			_1			1			_1			2			2			_2			2			2			2	
Air flow rate	m³/h	110	160	200	110	160	200	140		290	140	220	290	260	350	450	260		450	330	460	600	330	460	600	400	600	720	400	600	720
Input power	W	19	29	35	19	29	35	25	29	33	25	29	33	25	33	44	25	33	44	30	43	57	30	43	57	38	52	76	38	52	76
Electrical wiring		V1	V2	V3	V1	V2	V3	V1	V2	٧3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3
Fan coil sound data (4)											_									_											
Sound power level	dB(A)			_	_	_	_	_		_	_		-	_	_	_	_		_	_		-	_	_			_	_	_		_
Sound pressure	dB(A)	23,0	30,0	37,0	23,0	30,0	37,0	27,0	38,0	43,0	27,0	38,0	43,0	26,0	33,0	40,0	26,0	33,0	40,0	29,0	36,0	43,0	29,0	36,0	43,0	34,0	43,0	48,0	34,0	43,0	48,0
Diametre hydraulic fittings																															
Main coil	Ø		1/2"			1/2"			1/2"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
Power supply																															
Power supply																230٧-	~50Hz	:													

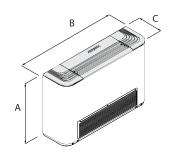
	Т	FC	Z600			FCZ650)		FCZ700)		FCZ75)		FCZ800)		FCZ850)		FCZ900)		FCZ950)	F	CZ100	
	1		2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
	L		М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	M	Н	L	M	Н	L	M	_ H
Heating performance 70 °C / 60 °C (1)																												
Heating capacity kW	6,5	50 8	8,10	10,00	7,19	9,15	11,50	8,10	9,80	11,00	9,10	11,30	12,50	9,80	10,80	12,00	11,30	12,35	14,00	10,77	13,35	15,14	11,20	14,42	17,10	12,53	15,24	17,02
Water flow rate system side I/h	57	0	710	877	631	802	1008	710	860	964	798	991	1096	859	947	1052	991	1083	1227	945	1171	1328	982	1264	1500	1101	1337	1493
Pressure drop system side kPa	1.	2	18	26	14	21	31	17	24	29	10	15	18	22	27	32	17	20	25	12	17	22	16	24	33	22	32	38
Heating performance 45 °C / 40 °C (2)																												
Heating capacity kW	3,3			4,97	3,57	4,55	5,72	4,03	4,87	5,47	4,52	5,62	6,21	4,87	5,37	5,97	5,62	6,14	6,96	5,35	6,64	7,53	5,57	7,17	8,50	6,24	7,58	8,46
Water flow rate system side I/h	56	1	699	863	621	790	993	699	846	950	786	975	1079	846	932	1036	975	1066	1209	930	1152	1307	967	1245	1476	1084	1316	1469
Pressure drop system side kPa	1.	2	18	26	14	20	31	16	24	29	10	14	18	22	26	32	6	20	25	12	17	22	15	24	33	22	31	38
Cooling performance 7 °C / 12 °C (3)																												
Cooling capacity kW				4,65	3,95	4,80	5,67	3,92	4,89	5,50	4,27	5,34	6,14	4,84	5,66	6,10	5,26	6,29	6,91	_	5,00	6,91	5,77	7,32	8,60	5,69		7,62
Sensible cooling capacity kW				3,92	2,78	3,43	4,12	2,99	3,76	4,30	3,20	4,05	4,72	3,72	4,42	4,83	4,00	4,83	5,36	2,97	3,78	5,68	3,80	4,87	5,78	4,42		5,53
Water flow rate system side I/h		_	671	800	595	825	975	675	841	946	734	918	1056	833	974	1049	904		1189	738	860	1189	992	1259	1479	979		1311
Pressure drop system side kPa	14	4	19	26	15	21	28	16	24	30	10	14	18	20	26	30	14	20	23	10	12	22	15	22	30	22	31	36
Fan																												
Type type	:													(entrifug	ıal												
Fan motor type	:													Asy	nchron	ous												
Number no.			3			3			3			3			3			3			3			3			3	
Air flow rate m ³ /h	1 52	_	720	920	520	720	920	700	930	1140	700	930	1140	900	1120	1300	900	1120	1300	700	930	1140	700	930	1140	900		1300
Input power W	3		60	91	38	60	91	59	80	106	59	80	106	80	100	131	80	100	131	59	80	106	59	80	106	80	100	131
Electrical wiring	V	1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2_	V3
Fan coil sound data (4)																												
Sound power level dB(A	,			57,0	42,0	51,0	57,0	50,0	57,0	62,0	50,0	57,0	62,0	56,0	61,0	66,0	56,0	61,0	66,0	51,0	57,0	62,0	51,0	57,0	62,0	56,0	61,0	66,0
Sound pressure dB(A) 34	,0 4	43,0	49,0	34,0	43,0	49,0	42,0	49,0	54,0	42,0	49,0	54,0	48,0	53,0	58,0	48,0	53,0	58,0	43,0	49,0	54,0	43,0	49,0	54,0	48,0	53,0	58,0
Diametre hydraulic fittings																												
Main coil Ø															3/4"													
Power supply																												
Power supply														23	0V~50	Hz												

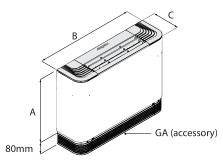
4-ріре		F	FCZ10	1		FCZ20	1	F	CZ30	1		CZ40	1		CZ50	1		FCZ60	1		CZ70	1		FCZ80	1		CZ90	1	F	CZ100	1
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 65 °C / 55 °C	C (1)																														
Heating capacity	kW	0,75	1,01	1,17	1,02	1,35	1,60	1,80	2,18	2,56	2,21	2,65	3,12	2,59	3,34	3,73	2,96	3,67	4,36	3,66	4,29	4,94	4,20	4,79	5,35	4,73	5,63	5,72	4,85	5,56	6,08
Water flow rate system side	I/h	65	89	102	89	118	140	158	191	224	186	232	273	227	293	327	259	321	381	320	375	437	368	419	467	414	492	501	424	487	532
Pressure drop system side	kPa	2	4	4	4	8	10	16	23	30	4	6	8	6	8	10	8	12	16	11	14	18	16	20	24	8	12	12	10	14	16
Cooling performance 7 °C / 12 °C ((2)																														
Cooling capacity	kW	0,65	0,84	1,00	0,89	1,28	1,60	1,68	2,17	2,65	2,20	2,92	3,60	2,68	3,69	4,25	3,22	3,90	4,65	3,92	4,89	5,50	4,84	5,66	6,10	4,29	5,00	6,91	5,69	6,88	7,62
Sensible cooling capacity	kW	0,51	0,69	0,83	0,71	1,05	1,33	1,26	1,65	2,04	1,59	2,14	2,67	1,94	2,73	3,18	2,56	3,17	3,92	2,99	3,76	4,30	3,72	4,42	4,83	2,97	3,78	5,68	4,42	5,34	5,53
Water flow rate system side	I/h	112	144	172	153	221	275	288	374	456	379	503	619	460	634	731	554	671	800	675	841	946	833	974	1049	738	860	1189	979	1183	1311
Pressure drop system side	kPa	4	6	8	6	12	18	8	13	18	10	16	24	13	22	29	14	19	26	16	24	30	20	26	30	10	12	22	22	31	36
Fan																															
Туре	type															Centr	ifugal														
Fan motor	type														I	Asynch	ronou	IS													
Number	no.		1			1			2			2			2			3			3			3			3			3	
Air flow rate	m³/h	110	160	200	140	220	290	260	350	450	330	460	600	400	600	720	520	720	920	700	930	1140	900	1120	1300	700	930	1140	900	1120	1300
Input power	W	19	29	35	25	29	33	25	33	44	30	43	57	38	52	76	38	60	91	59	80	106	80	100	131	59	80	106	80	100	131
Electrical wiring		V1	V2	V3	V1	V2	٧3	V1	V2	V3	٧1	V2	V3	V1	V2	V3	V1	V2	٧3	V1	V2	V3	٧1	V2	٧3	V1	V2	V3	V1	V2	V3_
Fan coil sound data (3)																															
Sound power level	dB(A)	31,0	38,0	45,0	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0	42,0	51,0	57,0	50,0	57,0	62,0	56,0	61,0	66,0	51,0	57,0	62,0	56,0	61,0	66,0
Sound pressure	dB(A)	23,0	30,0	37,0	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0	34,0	43,0	49,0	42,0	49,0	54,0	48,0	53,0	58,0	43,0	49,0	54,0	48,0	53,0	58,0
Diametre hydraulic fittings																															
Main coil	Ø		1/2"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
Secondary coil	Ø															1/	/2"														
Power supply																															
Power supply																230V-	~50Hz	!													

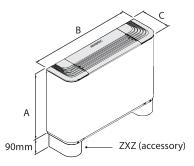
⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

⁽¹⁾ Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT
(2) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(3) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

DIMENSIONS







		FCZ100	FCZ101	FCZ102	FCZ150	FCZ200	FCZ201	FCZ202	FCZ250	FCZ300	FCZ301	FCZ302	FCZ350	FCZ400	FCZ401	FCZ402	FCZ450
Dimensions and weights																	
A	mm	486	486	486	486	486	486	486	486	486	486	486	486	486	486	486	486
В	mm	640	640	640	640	750	750	750	750	980	980	980	980	1200	1200	1200	1200
C	mm	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
Empty weight	kg	13	14	14	14	15	15	16	16	17	18	19	19	33	23	23	24
		FCZ500	FCZ501	FCZ502	FCZ550	FCZ600	FCZ601	FCZ602	FCZ650	FCZ700	FCZ701	FCZ702	FCZ750	FCZ800	FCZ801	FCZ802	FCZ850
Dimensions and weights																	
A	mm	486	486	486	486	486	486	486	486	486	486	486	486	486	486	486	486
В	mm	1200	1200	1200	1200	1200	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
C	mm	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
Empty weight	kg	24	22	23	24	24	29	31	33	29	31	33	33	29	29	31	33
			FCZ900			FCZ90)1		FCZ	950		FC	Z1000			FCZ1001	
Dimensions and weights																	
A	mm		591			591			5	91			591			591	
В	mm		1320			1320)		13	20			1320			1320	
(mm		220			220			2	20			220			220	
Empty weight	kg		34			34			3	14			34			34	

www.aermec.com



















Fan coil with brushless inverter motor, for universal and floor installation

Cooling capacity 0,89 ÷ 6,91 kW Heating capacity 2,02 ÷ 17,10 kW



- Electric saving equal to 50% with respect to a fan coil with 3-speed motor
- Touch controller mounted on-board. allows remote control with smart devices
- Very quiet





DESCRIPTION

fan coil can be installed in any 2/4 pipe system and operates with any heat generator even at low temperatures, and thanks to varied versions and settings, it is easy to pick the ideal solution for any need.

FEATURES

Case

Protective metal cabinet with anti-corrosion polyester RAL 9003 paint, whereas the head with the air distribution grille is in RAL 7047 plastic. **Depending on the version, the distribution grille may be adjust-**

Ventilation group

Centrifugal fans in anti-static plastic material with aerofoil profile designed to achieve high airflows and pressures whilst at the same time producing low noise.

Their characteristics permit energy savings compared to conventional

They are statically and dynamically balanced and directly coupled to the motor shaft.

The Brushless electric motor with 0-100% continuous speed variation, which allows precise adaptation to the real demands of the internal environment without temperature fluctuations.

The air flow can be continuously changed through a 1-10 V signal, coming from adjustment and control commands Aermec or from independent adjustment systems.

This lowers noise and generates a better response to heat loads and a higher stability in the desired temperature inside the room.

The high efficiency even with low speed, makes it possible to reduce power consumption (more than 50% less than fan coils with traditional motors).

The plastic augers are extractable for easy and efficient cleaning.

Heat exchanger coil

With copper pipes and aluminium fins, the standard or oversized main coil and the possible secondary coil have female gas water connections on the left side and the manifolds have air vents.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

Reversibility of the water connections during installation only for units with a standard or boosted main coil, or standard with BV accessory. Not reversible in all other configurations. In any case, units with the coil water connections on the right are available at the time of ordering.

Condensate drip

Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Air filter

Air filter class Coarse 25% for all versions easy to pull out and clean.

Versions

ACT High, with air distribution grille and electronic thermostat

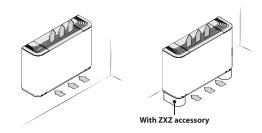
AF High, without built-in command but with front intake

AS High, with air distribution grille and built-in command

U Universal, with adjustable air distribution grille but without built-in

UF Universal, with adjustable air distribution grille but without built-in thermostat and with front intake grille

Versions with fixed grille (high cabinet)



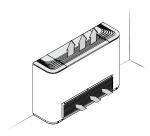
FCZI_AS

Compatibility with VMF system.

— Without installed switch

FCZI ACT

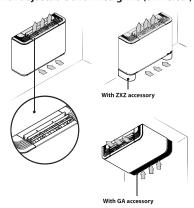
— With electronic thermostat for 2-pipe systems only.



FCZI AF

- Without installed switch
- Compatibility with VMF system.
- Front intake grille.

Versions with adjustable and fixed grille (universal)



FCZI_U

- Compatibility with VMF system.
- Without installed switch
- Distribution grille with adjustable fins. Sizes 2 and 3 have a single grille, whereas sizes 4, 5, 7 and 9 have three grilles fully independent of each other. When all the fins have closed, the unit switches off.
- Vertical and horizontal installation for 2-pipe and 4-pipe systems.



FCZI_UF

- Compatibility with VMF system.
- Without installed switch
- Air delivery grille with adjustable fins.

ThermApp

In units with a **T-Touch-I** electronic thermostat and the **ThermApp** application, the operating mode can be set and the weekly timer programmed by simply resting the smart device on the fan coil. The graphic interface of the app also gives access to a lot more information such as the alarm list, the closest SAT, etc.

Available for Android operating systems.



GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Field	Description
1,2,3,4	FCZI
5	Size
	2, 3, 4, 5, 7, 9
6	Main coil
0	Standard
5	Oversized
7	Secondary coil
0	Without coil
1	Standard
2	Oversized
8,9,10	Version
	Only vertical installation.
ACT	High, with air distribution grille and electronic thermostat
AF	High, without built-in command but with front intake
AS	Free standing without installed switch
	Vertical and horizontal installation.
U	Universal, with adjustable air distribution grille but without built-in thermostat
	Universal, with adjustable air distribution grille but without built-in thermostat and
	with front intake grille
UF	Universal, with adjustable air distribution grille but without built-in thermostat and with front intake grille

SIZE AVAILABLE FOR VERSION

Size		200	201	202	250	300	301	302	350	400	401	402	450
Versions produced (by size)													
Varrious available (by size)	AS,ACT,U	•	•		•		•	•	•	•			•
Versions available (by size)	AF,UF	•	-	-	•	•	-	-	•	•	-	-	•
		500	501	502	550	700	701	702	750	900	901	950	
Versions produced (by size)													
Varrians available (by sine)	A,AS,U,UA	•		•	•	•	•	•	•	•	•	•	
Versions available (by size)	AF,UF		-	-	•	-	-	-	-		-		

ACCESSORIES

Control panels

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

T-TOUCH-I: Touch control on board the machine, for controlling fan coils with brushless motors. In 2-pipe systems, it can control standard fan coils or those equipped with an electric heater, with air purifying devices or with FCZI-D twin delivery (Dualjet). In 4-pipe systems, only standard fan coils. The ThermApp application is also available for remote control with smart devices with the Android operating system.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet). **TXBI:** Thermostat on board the machine, for FCZI fan coils with brushless motor, complete with water probe and air probe to be positioned in the relative housings. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), radiant plate or FCZI-D twin delivery (Dualjet).

VMF system

VMF-E19I: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe, it controls systems with 2 pipes, 4 pipes, 2 pipes + Cold Plasma, 2 pipes + UV lamps, 2 pipes + Heating element. Equipped with an external contact to be used as a remote ON-OFF at low voltage. By means of 2-wire serial communication, this thermostat allows for the creation of a single fan coil area (1 master + maximum 5 slaves). Compared to the previous model, thanks to a different dip switch configuration, it allows implementing new features:In systems with two pipes and a heating element - the latter can be activated as a complete replacement - allowing you to warm the environment exclusively with this accessory - Dualjet features are available in standard software and can be set via dip switch - Economy contact/ presence sensor - Additional water sensor for overall control in 4-pipe systems (with VMF-SW1 accessory) - Serial RS485, ModBus RTU protocol, for centralised control - Possibility of inserting expansion boards for future developments. The VMF-E19 accessory must be therefore used in masters in the presence of multiple zones, or for communication with the chiller/heat pump - Compatibility with the VMF-IO accessory - Compatibility with VMF-LON expansion board. The thermostat is protected by a fuse.

VMF-E2Z: User interface on the fan coil, with two selectors, one for temperature and the other for speed control; to be combined with accessories VMF-E0,VMF-E19, VMF-E19I.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4X: Wall-mounted user interface, to be combined with accessories VMF-E19 and VMF-E19I for the box grilles. Innovative design, extremely thin and with a reasonable price, it makes it possible to control functions using the capacitive touch keypad, with LCD display. It is possible to select whether to regulate the environment using the panel sensor (standard) or the fancoil sensor to which it is connected, or by means of the averaged reading. It also permits activating the air purifier accessory (Cold Plasma / UV lamp) and the electric resistor. Light grey front panel PANTONE COOL GRAY 1C.

VMF-IO: Manage the unit exclusively from a centralized VMF control panel without area control panel.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

VMF-LON: Expansion allowing the thermostat to interface with BMS systems that use the LON protocol.

VMF-SW: Water probe used if required in place of the standard unit supplied with the VMF-E0X, VMF-E19 and VMF-E19I thermostats for mounting it upstream of the valve.

VMF-SW1: Additional water probe to be used if required for 4-pipe systems with the VMF-E19 and VMF-E19I thermostats for maximum control in the cold range

Water valves

VCZ_X: 3-way valve kit for single-coil fan coil, RH connections, for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves, and the relative hydraulic couplings. X4L version for fan coils with LH connections, and X4R for fan coils with RH connections. 230V~50Hz power supply.

VCZ: 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCF44 - 45 - for the secondary coil: The 3-way motorised valve kit for the secondary coil or an optional heat only coil. The kit consists of a valve with its insulating shell, actuator and relevant water fittings; it is suitable to be installed on the fan coils with right and left water connections.

VCZD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VJP: Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit, supplied without fittings and hydraulic components. The valve, which can guarantee a constant water flow rate in the terminal, within its operating range.

VDP: Combined adjustment and balancing valve, for 2 and 4 pipe systems to be installed outside the unit. It is comprised of a valve body without nipples with \emptyset 3/4'M water connections, a 230 V powered actuator with On-Off function and a 5 m power supply cable. The valve is supplied without connections or hydraulic components.

Additional coil

BV: Single row hot water heat exchanger.

Installation accessories

PCZ: Sheet metal panel closing the rear of the unit.

GA: Lower intake grille for encapsulated fan coils. Can also be used in wall-mounted or floor installations, the FKIT accessory is needed only in the case of floor installation.

FIKIT: Metal supports for vertical installation of the GA grille.

DSCZ4: Condensate drainage device.

BCZ: Condensate drip. **AMP:** Wall mounting kit

ZXZ: Pair of stylish and structural feet.

ACCESSORIES COMPATIBILITY

Control panels

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
AFDCOND (1)	AF,UF	•			•	•			•	•			•
AER503IR (1)	AS,U		•										
PR0503	AF,UF					•			•				•
rnusus	AS,U	•				•	•	•	•	•		•	•
SA5 (2)	AF,UF	•				•			•				•
JAJ (Z)	AS,U	•	•	•	•	•	•	•	•	•		•	•
SW3 (2)	AF,UF	•			•	•			•	•			•
(Z)	AS,U	•	•	•	•	•	•	•	•	•	•	•	•
SW5 (2)	AF,UF	•			•	•			•	•			•
	AS,U	•	•	•	•	•	•	•	•	•	•	•	•
T-TOUCH-I	AF,UF	•			•	•			•	•			•
1-100(11-1	AS,U	•	•	•		•	•	•	•		•	•	•
TX (1)	AF,UF	•			•	•			•	•			•
IA(I)	AS,U	•	•	•	•	•	•	•	•	•	•	•	•
TXBI (3)	AF,UF	•			•	•			•	•			•
(כ) וטאו	AS,U	•	•	•	•	•	•	•	•	•	•	•	•
Model	Ver	500	501	502	550	700	701		702	750	900	901	950
Model	Ver AF,UF	500	501	502	550	700	701		702	750	900	901	950
Model AER503IR (1)			501	502		700	701		702	750		901	
AER503IR (1)	AF,UF	•			•						•		•
	AF,UF AS,U	•			•	•				•	•		•
AER503IR (1) PR0503	AF,UF AS,U AF,UF	•	•	•	•	•	•		•	•	•	•	•
AER503IR (1)	AF,UF AS,U AF,UF AS,U	•	•	•	•	•	•		•	•	•	•	•
AER503IR (1) PR0503 SA5 (2)	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U		•		· · · · · ·		•		•	•	•	•	•
AER503IR (1) PR0503 SA5 (2)	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U		•		•		•		•	•	•	•	•
AER503IR (1) PR0503 SA5 (2) SW3 (2)	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U		•	•		•							
AER503IR (1) PR0503	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U		•	•		•							
AER503IR (1) PR0503 SA5 (2) SW3 (2) SW5 (2)	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF												
AER503IR (1) PR0503 SA5 (2) SW3 (2)	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF												
AER503IR (1) PR0503 SA5 (2) SW3 (2) SW5 (2) T-TOUCH-I	AF,UF AS,U AF,UF			•									
AER503IR (1) PR0503 SA5 (2) SW3 (2) SW5 (2)	AF,UF AS,U AF,UF			•									
AER503IR (1) PR0503 SA5 (2) SW3 (2) SW5 (2) T-TOUCH-I	AF,UF AS,U AF,UF												

(1) Wall-mount installation.
(2) Probe for AER503IR-TX thermostats, if fitted.
(3) Installation on the fan coil.

For more information about VMF system, refer to the dedicated documentation.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
VMF F10I	AF,UF				•								
VMF-E19I	AS,U	•	•	•	•	•	•	•		•	•	•	•
VMF F27	AF,UF	•			•					•			
VMF-E2Z	AS,U	•		•	•		•						
VMF-E3	AF,UF	•			•	•				•			•
VIVIT-E3	AS,U	•	•	•				•		•	•		
VME FAV	AF,UF	•				•			•	•			•
VMF-E4X	AS,U	•	•	•		•			•		•		
VME IO	AF,UF	•			•					•			
VMF-IO	AS,U				•			•		•		•	
VMF-IR	AF,UF	•			•	•			•	•			•
VIVIT-IK	AS,U	•	•	•	•	•	•	•	•	•			•
VME LON	AF,UF	•											
VMF-LON	AS,U	•		•	•		•	•		•			
VMF-SW	AF,UF	•			•	•				•			•
VIVIT-3VV	AS,U	•	•	•	•	•	•	•	•	•		•	•
VMF-SW1	AF,UF	•				•				•			•
VIVIF-SVV I	AS,U							•		•			•
Model	Ver	500	501	502	550	700	701		702	750	900	901	950
	AF,UF	•											
VMF-E19I	AS,U	•	•	•		•			•			•	•
VME 527	AF,UF												
VMF-E2Z	AS,U	•		•						•		•	
VME E2	AF,UF	•								•			
VMF-E3	AS,U	•		•								•	
VMF-E4X	AF,UF	•			•						•		•

Model	Ver	500	501	502	550	700	701	702	750	900	901	950
VMF-IO	AF,UF	•			•					•		•
VIVIT-IU	AS,U		•	•	•	•	•	•	•	•	•	•
VMF-IR	AF,UF					•						
VIVIT-IN	AS,U	•	•	•	•	•	•	•	•	•	•	•
VMF-LON	AF,UF	•								•		
VIVIF-LUIV	AS,U	•	•			•	•	•	•	•	•	
VMF-SW	AF,UF	•			•					•		•
VIVIF-3VV	AS,U	•	•	•	•	•	•	•	•	•	•	•
VMF-SW1	AF,UF	•										
NIVIT-DVV I	AS,U		•			•	•	•				

Water valves

3 way valve kit

200	201	202	250	300	301	302	350	400	401	402	450
VCZ41	VCZ41	VCZ41	VCZ41	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42
VCZ4124	VCZ4124	VCZ4124	VCZ4124	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224
	VCF44	VCF44			VCF44	VCF44			VCF44	VCF44	
-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-
VCF44				VCF44				VCF44			
VCZ4424	-	-	-	VCZ4424		-	-	VCZ4424	-	-	
500	501	502	550	700	701	702	750	900	901	950	
VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ43	VCZ43	VCZ43	
VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4324	VCZ4324	VCZ4324	
	VCF44	VCF44			VCF44	VCF44			VCF45		
-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-	-	VCZ4524	-	
VCF44				VCF44				VCF45			
VCZ4424	-	-	- VCZ4424	-	-	-	VCZ4524	-	-		
	VCZ41 VCZ4124 - - VCF44 VCZ4424 - S00 VCZ42 VCZ4224 - VCF44	VCZ41 VCZ4124 VCZ4124 VCZ4124 VCF44 VCZ4424 VCF44 VCZ4424 S00 S01 VCZ42 VCZ4224 VCZ4224 VCZ4224 VCF44 VCZ4424 VCF44 VCZ4424	VCZ41 VCZ41 VCZ4124 VCZ4124 VCZ4124 VCZ4124 VCF44 VCF44 VCZ4424 VCF44 VCZ4424 VCZ4424 VCF44 VCZ4424 VCZ4224 VCZ42 VCZ42 VCZ42 VCZ4224 VCZ4224 VCZ4224 VCZ4224 VCZ4224 VCZ4224 VCF44 VCZ4424 VCZ4424 VCF44 VCZ4424 VCZ4424	VCZ41 VCZ41 VCZ41 VCZ41 VCZ4124 VCZ4124 VCZ4124 VCZ4124 VCF44 VCF44 VCF4424 VCF44 VCZ4424 VCZ4424 VCF44 VCZ4424 VCZ4424 S00 S01 S02 S50 VCZ42 VCZ42 VCZ42 VCZ42 VCZ4224 VCZ4224 VCZ4224 VCZ4224 VCF44 VCF44 VCZ4424 VCF44 VCZ4424 VCZ4424 VCF44 VCZ4424 VCZ4424	VCZ41 VCZ41 VCZ41 VCZ41 VCZ42 VCZ4124 VCZ4124 VCZ4124 VCZ4224 VCF44 VCF44 VCF44 VCF44 VCZ4424 VCF44 VCF44 VCZ4424 VCF44 VCZ4424 VCZ4424 VCF44 VCZ4424 VCZ4424 VCZ4424 S00 S01 S02 S50 700 VCZ42 VCZ42 VCZ42 VCZ42 VCZ42 VCZ4224 VCZ4224 VCZ4224 VCZ4224 VCZ4224 VCF44 VCF44 VCF442 VCF4224 VCF4224 VCF44 VCF442 VCZ4424 VCF442 VCF424	VCZ41 VCZ41 VCZ41 VCZ41 VCZ42 VCZ42 VCZ4224 VCZ4424 VCZ4424 VCZ44224 VCZ42224 VCZ42224	VCZ41 VCZ41 VCZ41 VCZ41 VCZ42 VCZ42 VCZ42 VCZ42 VCZ42 VCZ4224 VCZ4424 VCZ4424 VCZ44224 VCZ44224 VCZ44224 VCZ44224 VCZ44224 VCZ44224 VCZ44224 VCZ44224 VCZ44224 VCZ4224 VCZ4224	VCZ41 VCZ41 VCZ41 VCZ41 VCZ42 VCZ42 VCZ42 VCZ42 VCZ42 VCZ4224 VCZ4224	VCZ41 VCZ41 VCZ41 VCZ41 VCZ41 VCZ42 VCZ42 VCZ42 VCZ42 VCZ42 VCZ42 VCZ42 VCZ42 VCZ4224 VCZ44224 VCZ44224 VCZ44224 VCZ44224 VCZ44224 VCZ44224 VCZ44224 VCZ44224 VCZ4224 VCZ4224	VCZ411 VCZ411 VCZ411 VCZ412 VCZ422 VCZ422 VCZ422 VCZ422 VCZ422 VCZ422 VCZ422 VCZ4224 VCZ4224 </td <td>VCZ411 VCZ411 VCZ412 VCZ4124 VCZ41224 V</td>	VCZ411 VCZ411 VCZ412 VCZ4124 VCZ41224 V

2 way valve kit

,												
	200	201	202	250	300	301	302	350	400	401	402	450
Main sell	VCZD1	VCZD1	VCZD1	VCZD1	VCZD2							
Main coil	VCZD124	VCZD124	VCZD124	VCZD124	VCZD224							
Casandam, sail		VCFD4	VCFD4			VCFD4	VCFD4			VCFD4	VCFD4	
Secondary coil	-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-
Additional acit/(DM//	VCFD4				VCFD4				VCFD4			
Additional coil "BV"	VCZD424	-	-		VCZD424				VCZD424	-		
	500	501	502	550	700	701	702	750	900	901	950	
Main coil	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD3	VCZD3	VCZD3	
Maili Cui	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD324	VCZD324	VCZD324	
Carandam will		VCFD4	VCFD4			VCFD4	VCFD4			VCFD4		
Secondary coil	-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-	-	VCZD424	-	
Additional coil "BV"	VCFD4				VCFD4				VCFD4			
AUGICIONAL CON BV	VCZD424	-	-	- VCZD424	-	-	-	VCZD424	-	-		

${\it Valve~Kit~for~4~pipe~systems-Requires~a~thermost at~with~valve~management}$

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
VCZ1X4L (1)	AF,AS,U,UF	•			•								
VCZ1X4R (1)	AF,AS,U,UF				•								
VCZ2X4L (1)	AF,AS,U,UF					•				•			
VCZ2X4R (1)	AF,AS,U,UF					•			•	•			•
Model	Ver	500	501	502	550	700	7(01	702	750	900	901	950
VC72V4L (1)	AF,UF	•			•								
VCZ2X4L (1)	AS,U				•	•				•			
VC72V4D (1)	AF,UF	•			•								
VCZ2X4R (1)	AS,U									•			
VCZ3X4L (1)	AF,AS,U,UF										•		•
VCZ3X4R (1)	AF,AS,U,UF										•		•

 $^{(1) \ \} The \ valves \ can \ be \ combined \ with \ the \ units \ if \ there \ is \ a \ control \ panel \ for \ managing \ them.$

Combined Adjustment and Balancing Valve Kit

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
VIDOCO (1)	ACT,AS,U		•	•	•	•	•		•		•	•	
VJP060 (1)	AF,UF				•								
VIDOCOM (2)	ACT,AS,U	•	•	•	•	•	•	•	•		•	•	
VJP060M (2)	AF,UF				•	•			•				
VJP090 (1)	ACT,AF,AS,U,UF									•			•
VJP090M (2)	ACT,AF,AS,U,UF												

Model	Ver	500	501	502	550	700	701	702	750	900	901	950
VJP060 (1)	ACT,AS,U		•	•				•				
VJP060M (2)	ACT,AS,U		•	•				•				
VJP090 (1)	ACT,AF,AS,U,UF											
VJP090M (2)	ACT,AF,AS,U,UF	•										
VID150 (1)	ACT,AS,U					•				•	•	
VJP150 (1)	AF,UF									•		•
VID4FOM (2)	ACT,AS,U					•			•	•	•	•
VJP150M (2)	AF,UF									•		•
(1) 230V~50Hz (2) 24V												
Model	Ver	200	201	202	250	300	301	302 3	50 400	401	402	450
VDD4 FUE (4)	ACT,AS,U	•	•					•				
VDP15HF (1)	AF,UF	•										•
VDD45U534 (4)	ACT,AS,U	•	•	•		•		•				
VDP15HF24 (1)	AF,UF	•				•						
VDD1CHEM (1)	ACT,AS,U	•	•	•		•	•	•			•	
VDP15HFM (1)	AF,UF	•										
Model	Ver	500	501	502	550	700	701	702	750	900	901	950
	ACT,AS,U	•				•		•	•			
VDP15HF (1)	AF,UF	•								•		•
VDD15U524 (1)	ACT,AS,U	•	•	•	•	•	•	•	•	•	•	
VDP15HF24 (1)	AF,UF	•			•					•		•
VDD4.EUEM (4)	ACT,AS,U	•		•		•		•	•			
VDP15HFM (1)	AF,UF											

⁽¹⁾ The compatibility of the valves with the unit must be checked using the project capacity.

(Heating only) additional coil

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
BV122 (1)	ACT,AF,AS,U,UF	•											
BV132 (1)	ACT,AF,AS,U,UF												
BV142 (1)	ACT,AF,AS,U,UF												
Model	Ver	500	501	502	550	700	701		702	750	900	901	950
BV142 (1)	ACT,AF,AS,U,UF	•											
BV162 (1)	ACT,AF,AS,U,UF										•		
BVZ800 (1)	ACT,AS,U												

⁽¹⁾ Not available for sizes with oversized main coil.

Installation accessories

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
AMP20	U	•	•	•	•	•	•			•		•	•
AMPZ	U	•	•		•	•	•	•	•	•	•	•	•
Model	Ver	500	501	502	550	700		701	702	750	900	901	950
AMP20	U	•	•	•									
AMPZ	U	•	•	•	•				•	•	•	•	•
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
DCC74 (1)	ACT,AS,U	•	•	•	•	•	•	•				•	
DSCZ4 (1)	AF,UF	•			•	•			•	•			•
Model	Ver	500	501	502	550	700		701	702	750	900	901	950
DCC74 (1)	ACT,AS,U	•	•	•		•		•	•	•	•	•	•
DSCZ4 (1)	AF,UF												

|--|

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
DC74/1)	ACT,AS,U	•	•	•	•	•		•		•	•	•	•
BCZ4 (1)	AF,UF	•											
DC7F (2)	ACT,AS,U	•	•	•		•				•		•	
BCZ5 (2)	AF,UF	•			•	•			•	•			•
Model	Ver	500	501	502	550	700	701		702	750	900	901	950
	ACT,AS,U												
BCZ4 (1)	AF,UF	•									•		
DC7E (2)	ACT,AS,U	•				•	•		•	•			
BCZ5 (2)	AF,UF	•											
DC7C (2)	ACT,AS,U										•	•	•
BCZ6 (2)	AF,UF												

⁽¹⁾ For vertical installation.(2) For horizontal installation.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
PCZ200	ACT,AS,U	•	•	•	•								
1 (2200	AF,UF	•			•								
PCZ300	ACT,AS,U					•	•	•	•				
	AF,UF		,			•			•				
PCZ500	ACT,AS,U									•	•	•	•
	AF,UF									•			•
Model	Ver	500	501	502	550	700	70	1	702	750	900	901	950
PCZ1000	ACT,AS,U										•	•	•
	AF,UF										•		•
PCZ500	ACT,AS,U	•	•	•	•								
	AF,UF	•			•								
PCZ800	ACT,AS,U					•	•		•	•			
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
GA200	AF,UF	•			•								
UA200	AS,U	•	•	•	•								
GA300	AF,UF					•			•				
	AS,U					•	•	•	•				
GA500	AF,UF									•			•
	AS,U									•	•	•	•
Model	Ver	500	501	502	550	700	70	1	702	750	900	901	950
GA500	AF,UF	•											
UUCAD	AS,U	•	•	•									
GA800	AF,UF										•		
UNOUU	AS,U					•			•	•	•	•	•
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
FIKIT200	AF,UF	•			•								
FINITZUU	AS,U	•	•	•	•								
FIKIT300	AF,UF					•			•				
	AS,U					•	•	•	•				
FIKIT500	AF,UF									•			•
	AS,U									•	•	•	•
Model	Ver	500	501	502	550	700	70 ⁻	1	702	750	900	901	950
FIKIT500	AF,UF	•											
FINITOUU	AS,U	•	•	•	•								
FIKIT800	AF,UF										•		•
FINITOUU	AS,U					•	•		•	•	•	•	•
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
	ACT,AS,U				•								
ZXZ	AF,UF												•
Model	Ver	500	501	502	550	700	70	1	702	750	900	901	950
Model ZXZ	Ver ACT,AS,U	500	501	502	550	700	70		702	750	900	901	950 •

PERFORMANCE SPECIFICATIONS

Technical data - 2-pipe systems (main coil)

2-pipe		_	C7120	_		- C7125	_		F C 713 A	_			_		- C7140	•	_	· C71 4 F	_	_	· (7150)		_	- C71-C	_
		1	CZI20 0	3	1	FCZ125 2	3	1	FCZ130 2	3	1	2 2	3	1	2 2	3	1	CZI45 2	3	1	CZI50 0	3	1	2 2	3
		L	 M	 H	Ĺ	M	H	Ė	M	 H	Ĺ	 M	 H	Ė	 M	H	Ė	 M	 H	Ĺ	 M	H	i	 M	
Heating performance 70 °C / 60 °C (1)					-			-			-			-						-			-		
Heating capacity	kW	2,02	2,95	3,70	2,20	3,18	4,05	3,47	4,46	5,50	3,77	4,92	6,15	4,32	5,74	7,15	4,57	6,29	7,82	5,27	7,31	8,50	5,82	8,34	9,75
Water flow rate system side	I/h	177	258	324	193	278	355	304	391	482	330	431	539	379	503	627	400	551	685	462	641	745	510	731	855
Pressure drop system side	kPa	6	12	18	7	15	23	7	12	18	8	14	20	9	16	24	6	11	16	12	21	28	10	20	26
Heating performance 45 °C / 40 °C (2)																									
Heating capacity	kW	1,00	1,46	1,84	1,09	1,58	2,01	1,72	2,21	2,73	1,87	2,44	3,06	2,14	2,85	3,55	2,27	3,12	3,88	2,62	3,63	4,22	2,89	4,14	4,85
Water flow rate system side	I/h	174	254	319	190	274	350	299	385	475	325	425	531	373	495	617	394	543	675	455	631	734	502	720	842
Pressure drop system side	kPa	6	12	18	8	15	22	8	12	18	9	14	21	10	16	24	6	11	16	12	21	28	10	20	26
Cooling performance 7 °C / 12 °C (3)																									
Cooling capacity	kW	0,89	1,28	1,60	1,06	1,55	1,94	1,68		2,65	1,89	2,46	3,02	2,20	2,92	3,60	2,41	3,21	4,03	2,68	3,69	4,25	2,91	4,13	4,79
Sensible cooling capacity	kW	0,71	1,05	1,33	0,79	1,20	1,52	_		2,04	1,33	1,76	2,18	_		2,67			2,90	1,94		3,18	2,07		3,49
Water flow rate system side	I/h	153	221	275	182	267	334	288	374	456	350	460	560	379	503	619	414	552	694	460	634	731	501	711	824
Pressure drop system side	kPa	6	12	18	8	17	25	8	13	18	11	18	25	10	17	24	9	15	22	13	23	29	12	22	28
Fan	tuma												Cont	ادمما											
Type Fan motor	type type													rifugal erter											
Number	no.		1			1			2			2	IIIV	i tei	2			2			2			2	
Air flow rate	m³/h	140	220	290	140	220	290	260	350	450	260	350	450	330	460	600	330	460	600	400	600	720	400	600	720
Input power	W	5	8	14	5	8	14	5	7	13	5	7	13	5	10	18	5	10	18	7	18	34	7	18	38
Signal 0-10V	%	44	68	90	44	68	90	52	70	90	52	70	90	49	68	90	49	68	90	50	74	90	50	74	90
Fan coil sound data (4)																									
Sound power level	dB(A)	35,0	46,0	51,0	35,0	46,0	51,0	34,0	41,0	48,0	34,0	41,0	48,0	37,0	44,0	51,0	37,0	44,0	51,0	42,0	51,0	56,0	42,0	51,0	56,0
Sound pressure	dB(A)	27,0	38,0	43,0	27,0	38,0	43,0	26,0	33,0	40,0	26,0	33,0	40,0	29,0	36,0	43,0	29,0	36,0	43,0	34,0	43,0	48,0	34,0	43,0	48,0
Diametre hydraulic ÿ ttings																									
Main coil	Ø		1/2"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
Power supply																									
Power supply													230V	~50Hz											
				FCZI	700					FCZ	750					FCZI	900					FCZ	950		
		1		- 7	2		3		1		2		3		1	2	2		3	_	1		2		3
		1 L		- 7			3 H		1 L				3 H	_	1 L		2		3 H						3 H
Heating performance 70 °C / 60 °C (1)	111/	l		. A	2 M		Н		L	ı	2 M		1		L	. A	<u>2</u> M		1			1	2 M		1
Heating capacity	kW	8,1	10	, 9,	2 M 80	11	,00	9	,10	11	2 M ,30	12	,50	10	L ,77	13,	2 M 35	15	,14	11	,20	14	2 M ,42	17	,10
Heating capacity Water flow rate system side	I/h	8,1 71	10	9,; 86	2 M 80 60	11	,00 64	9	,10 198	11 9:	,30 91	12	,50 196	10	,77 45	13,	2 M 35 71	15 13	,14	11	,20 82	14 12	,42 64	17	,10 00
Heating capacity Water flow rate system side Pressure drop system side		8,1	10	9,; 86	2 M 80	11	,00	9	,10	11 9:	2 M ,30	12	,50	10	L ,77	13,	2 M 35 71	15 13	,14	11	,20	14 12	2 M ,42	17	,10
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2)	I/h kPa	8,1 71	10 10 7	9,i 86 2	80 60	11 9	,00 64	9	,10 98	111 99	,30 91 5	12 10 1	50 96 8	10 9.	,77 45 2	13, 11	35 71	15 13 2	,14 28 2	11 98	,20 82 6	14 12 2	,42 64 5	17 15 3	,10 ,00 3
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity	I/h kPa kW	8,71 11 4,0	10 10 7	9,i 86 2	2 M 80 60 3	11 9 2	,00 64 29	9 7	,10 98 10	111 99 1	2 ,30 91 5	12 10 1 1 6,	,50 96 8	10 9. 1	,77 45 2	13, 111 1 6,4	35 71 7	15 13 2 7,	,14 28 22	111 98 1	,20 82 6	14 12 2	2 ,42 ,64 :5	17 15 3	10 000 33
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side	I/h kPa kW I/h	8,1 71	10 10 7 03	9,4 86 2 4,4	80 60 3 87	111 9 2 5,	,00 64 29 47	9 7	,10 98 10 ,50	111 99 1 1 5,	2 ,30 91 5	12 10 1 6,	,50 196 8 20	10 9. 1	,77 45 2 35	13, 111 1 6,4	35 71 7 54	15 13 2 7,	,14 ,28 ,22 53 ,07	111 98 1 5,	,20 82 6	14 12 2 7,	2 ,42 ,64 5 17	17 15 3 8,	10 700 3 50 76
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side	I/h kPa kW	8,1 71 11 4,0	10 10 7 03	9,4 86 2 4,4	2 M 80 60 3	111 9 2 5,	,00 64 29	9 7	,10 98 10	111 99 1 1 5,	2 ,30 91 5	12 10 1 6,	,50 96 8	10 9. 1	,77 45 2	13, 111 1 6,4	35 71 7 54	15 13 2 7,	,14 28 22	111 98 1 5,	,20 ,32 6 57	14 12 2 7,	2 ,42 ,64 :5	17 15 3 8,	10 000 33
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side	I/h kPa kW I/h	8,1 71 11 4,0	10 10 7 03 09	9,4 86 2 4,4	2 M 80 60 3 87 46	5, 9	,00 64 29 47	9 7 4 7 7	,10 98 10 ,50	111 99 1 1 5,	2 ,30 91 5 60 75	12 10 1 6, 10	,50 196 8 20	10 9. 1 5, 9	,77 45 2 35	13, 111 1 6,4	2 M 35 71 7 7 64 52	15 13 2 7,	14 228 22 53 07 2	111 98 1 5,	,20 32 6 57 57	14 12 2 7,	2 ,42 ,64 :5 17 :45	17 15 3 8,	,10 00 3 50 ,76 3
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3)	I/h kPa kW I/h kPa	8,7 71 11 4,0 69	10 10 7 03 99 7	9,, 86 2 4,, 84	2 M 880 880 880 887 446 444 889	111 9 2 5, 9 2	H,000 64 29 47 50	9 7 4 7 4	10 198 10 10 150 186	111 99 1 5, 9	2 ,30 ,91 5 60 75 5	12 10 1 6, 10 1	,50 ,96 8 20 ,79 8	10 9. 1 5, 9	1,77 45 2 35 30 12	13, 111 1 6,4 111	2 M 35 71 7 64 52 7	15 13 2 7, 13 2	14 228 22 53 07 2	111 93 1 5, 90	,20 82 6 57 57 5	14 12 2 7, 12	2 ,42 ,64 .5 .17 .45 .44	17 15 3 8, 14	1,10 000 3 50 76 3
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity	l/h kPa kW l/h kPa	8,7 711 11 4,0 69 11	10 10 7 7 33 99 7	9,3 86 2 4,3 84 2	2 80 80 60 63 87 46 44	5, 9 2, 5, 9 2, 4,	H,00 64 29 47 50	99 77 77 44 77 73 44 33	,10 ,98 10 ,50 ,86 10	11111111111111111111111111111111111111	2 ,30 ,91 5 60 75 5	12 10 1 6, 10 1 6,	,50 196 8 20 179 8	100 9- 11 5, 9- 11	1,77 45 2 35 30 12	13, 111 1 6,4 111 1	2 M 335 771 77 77 77 77 77 77	15 13 2 7, 13 2	1 ,14 ,28 ,2 53 ,07 ,2 91 ,68	111 93 1 5, 90 1	,20 82 6 57 57 5 77	14 14 12 2 2 7, 7, 12 2 2	2 ,42 ,64 .5 .17 .45 .44	17 15 3 8, 14 3	10 700 33 50 76 3
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity	I/h kPa kW I/h kPa kW kW	8,1 71 11 4,0 69 11	77 77 77 77 77 77 77	9,, 86 2 4,, 84 2 4,, 3,,	22 M 880 880 660 33 887 446 44 44 889	111 99 25 5, 99 25 4, 99	H,000 64 29 47 50 29	99 77 44 77 4 33	,10 ,98 ,10 ,50 ,86 ,10	111 111 115 115 115 115 115 116 116 116	22 M ,30 ,30 55 55 55 55	12 10 1 6, 10 1 1 6, 4,	,50 ,96 8 20 ,79 8	10 9- 1 5, 9- 1 4, 2,	2,77 45 2 35 30 2 29 97	13, 111 1 6,4 111 1 5,0	2 M 335 771 77 77 77 77 77 77 77 77 7	15 13 2 7, 7, 13 2 6, 5,	1 ,14 ,28 ,2 53 ,07 ,2 91 ,68	111 90 11 5, 90 11	,20 82 6 57 57 5 77	14 14 12 2 2 7, 7, 12 2 2	22 M M 264 25 17 17 145 44 332 87 59	17 15 3 8, 14 3 8, 5,	10 700 33 50 76 3
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side	I/h kPa kW I/h kPa kW I/h	8,7 711 11 4,0 69 11 3,9 2,9	77 77 77 77 77 77 77	9,786 22 4,78 84 24 24 3,78	22 M 880 880 660 33 887 446 44 44 889	111 99 25 5, 99 25 4, 99	H ,000 ,000	99 77 44 77 4 33	,10 98 10 ,50 86 10 ,27 ,20	111 111 115 115 115 115 115 116 116 116	22 M 3,30 991 55 60 60 60 60 83 84 84 85 86 86 86 86 86 86 86 86 86 86 86 86 86	12 10 1 6, 10 1 1 6, 4,	H	10 9- 1 5, 9- 1 4, 2,	1,77 45 12 35 30 12 29 97 38	13, 13, 11, 11, 11, 11, 11, 11, 11, 11,	2 M 335 771 77 77 77 77 77 77 77 77 7	15 13 2 7, 7, 13 2 6, 5,	H 1,14 228 22 25 307 22 91 68 89	111 11 11 11 11 11 11 11 11 11 11 11 11	,20 82 6 57 57 5 77 80	14 14 12 2 2 7 7, 12 2 2 7 7, 4, 4, 12 12	22 M M 264 25 17 17 145 44 332 87 59	17 15 3 8, 14 3 8, 5,	10 000 33 50 76 3 60 78
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type	l/h kPa kW l/h kPa kW kW l/h kPa type	8,7 711 11 4,0 69 11 3,9 2,9	77 77 77 77 77 77 77	9,786 22 4,78 84 24 24 3,78	22 M 880 880 660 33 887 446 44 44 889	111 99 25 5, 99 25 4, 99	H ,000 ,000	99 77 44 77 4 33	,10 98 10 ,50 86 10 ,27 ,20	111 111 115 115 115 115 115 116 116 116	22 M 3,30 991 55 60 60 60 60 83 84 84 85 86 86 86 86 86 86 86 86 86 86 86 86 86	12 10 1 6, 10 1 1 6, 4,	H	100 99 11 5, 99 11 4, 2,, 77. 11 tifugal	1,77 45 12 35 30 12 29 97 38	13, 13, 11, 11, 11, 11, 11, 11, 11, 11,	2 M 335 771 77 77 77 77 77 77 77 77 7	15 13 2 7, 7, 13 2 6, 5,	H 1,14 228 22 25 307 22 91 68 89	111 11 11 11 11 11 11 11 11 11 11 11 11	,20 82 6 57 57 5 77 80	14 14 12 2 2 7 7, 12 2 2 7 7, 4, 4, 12 12	22 M ,42 .664 .55 .17 .445 .44 .332 .87 .59	17 15 3 8, 14 3 8, 5,	10 000 33 50 76 3 60 78
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor	When the second	8,7 711 11 4,0 69 11 3,9 2,9	77 77 77 77 77 77 77	9,0 86 22 4,0 4,0 4,0 2 2	80 80 660 83 887 446 44 889 776 111 125	111 99 25 5, 99 25 4, 99	H ,000 ,000	99 77 44 77 4 33	,10 98 10 ,50 86 10 ,27 ,20	111 99 1 1 5, 99 1 1 5, 4,	22 M ,30 ,30 91 55 5 5 5 5 8 34 5	12 10 1 6, 10 1 1 6, 4,	H	100 99 1 5,0 99 1 1 4,0 2,0 7.	1,77 45 12 35 30 12 29 97 38	13, 13, 111 1 1 1 5,,0 866 1	2 M 335 771 77 77 77 77 77 77 77 77 77 77 77	15 13 2 7, 7, 13 2 6, 5,	H 1,14 228 22 25 307 22 91 68 89	111 11 11 11 11 11 11 11 11 11 11 11 11	,20 82 6 57 57 5 77 80	14 12 2 2 2 7, 7, 12 2 2 2 2 2 2 2 2	22 M 42 664 55 117 145 14 32 887 559	17 15 3 8, 14 3 8, 5,	10 000 33 50 76 3 60 78
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number	WW I/h kPa kW kW I/h kPa type type no.	8, 711 1: 4,0 699 1: 3,9,9 677 1: 1	77 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	9,4 80 22 4,4 4,4 4,4 4,4 22	22 M 880 660 33 887 446 44 44 889 776 441 155	5, 99 5, 4, 99 5	H ,000 664 699 47 550 699 650 646 660 660 660 660 660 660 660 660 66	99 77 44 77 43 33	L 10 10 10 10 10 10 10 10 10 10 10 10 10	111 111 11 11 11 11 11 11 11 11 11 11 1	22 M 330 391 55 660 675 55 834 905 118 55	12 100 1 1 6, 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50 996 8 8 20 779 8 8 14 772 56 9	10 9 1 5, 9, 1 4, 2, 7. 1	L 7,77 445 12 2 335 330 2 2 29 997 338 0 0	13,, 111 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 M 335 771 77 77 77 77 77 77 77 77 7	15 15 13 2 2 7, 7, 13 2 2 6, 6, 5, 111 2 2	H 1,14 228 22 253 007 22 2 53 89 22 2 53 89 22	111 999 11 11 11 11 11 11 11 11 11 11 11	20 20 20 20 20 20 20 20 20 20 20 20 20 2	144 124 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	177 155 33 8, 14 3 8, 5, 14 3	110 000 000 33 550 776 33 660 778 779 0
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate	WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	8, 711 1: 4,0 699 1: 3,9 677 1: 70	77 77 77 77 77 77 77 77 77 77 77 77 77	9,4 800 22 4,4 4,4 4,4 4,4 22	22 M 880 860 887 446 444 889 776 441 155	111 99 25 5, 99 25 5, 4, 4, 99 3	HH	9 7 7 4 4 3 3 7 7 7 7	L 10 10 10 10 10 10 10 10 10 10 10 10 10	11111111111111111111111111111111111111	22 M 330 391 55 56 60 60 775 55 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	12 10 10 10 10 10 10 10 10 10 10 10 10 10	H	100 99 1 1 5, 99 1 1 4, 2, 77. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	L 777 445 2 2 335 330 2 2 2 9 9 9 7 38 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13, 13, 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1	15 13 2 7, 13 2 6, 5, 11 2	H 1,14 228 22 2553 007 22 2 568 89 22 40	111 11 11 11 11 11 11 11 11 11 11 11 11	20 20 20 20 20 20 20 20 20 20 20 20 20 2	144 122 22 77, 72 22 23 44, 122 22 29, 99, 99, 114	22 M M 42 664 55 117 145 445 444 445 559 533 33 33 33	177 155 3 3 8, 14 3 8, 5, 14 3 3	110 000 000 33 35 55 660 778 8779 0
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power	WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	8,3,71 11. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	77 77 77 77 77 77 77 77 77 77	9,000 866 82 2 2 2 2 3 3,000 844 2 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	22 M 880 880 887 887 446 444 889 776 1411 155	111 99 22 5, 99 22 5, 4, 4, 99 33 31 11* 11*	H ,00 ,00	99 77 44 77 77	L L 10 10 10 10 10 10 10 10 10 10 10 10 10	11111111111111111111111111111111111111	22 M 330 391 55 660 6775 55 834 855	12 10 10 10 10 10 10 10 10 10 10 10 10 10	H	100 99 1 1 5,7 5,9 9 1 1 4,4 2,7 7.7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L 7,77 445 2 2 335 330 2 2 29 997 338 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13, 13, 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 10 11 12 13 15 16 16 16 16 16 16 16 16 16 16	15 13 2 7, 13 2 6, 5, 11 2 2	H 114 128 128 129 129 130 140 140 140 140 140 140 140 14	111 9() 11 5, 9() 11 5, 3, 9() 11	20 20 20 20 20 20 20 20 20 20 20 20 20 2	14 14 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	22 M	177 155 33 8, 144 33 8, 55, 144 33	10 000 33 33 550 660 778 779 0
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V	WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	8, 711 1: 4,0 699 1: 3,9 677 1: 70	77 77 77 77 77 77 77 77 77 77	9,000 866 82 2 2 2 2 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4	22 M 880 860 887 446 444 889 776 441 155	111 99 22 5, 99 22 5, 4, 4, 99 33 31 11* 11*	HH	99 77 44 77 77	L 10 10 10 10 10 10 10 10 10 10 10 10 10	11111111111111111111111111111111111111	22 M 330 391 55 660 6775 55 834 855	12 10 10 10 10 10 10 10 10 10 10 10 10 10	H	10 9 9 1 1 5,7 9 9 1 1 4,7 7.7 7.7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L 777 445 2 2 335 330 2 2 2 9 9 9 7 38 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13, 13, 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 10 11 12 13 15 16 16 16 16 16 16 16 16 16 16	15 13 2 7, 13 2 6, 5, 11 2	H 1,14 228 22 2553 007 22 2 568 89 22 40	111 9() 11 5, 9() 11 5, 3, 9() 11	20 20 20 20 20 20 20 20 20 20 20 20 20 2	14 14 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	22 M M 42 664 55 117 145 445 444 445 559 533 33 33 33	177 155 33 8, 144 33 8, 55, 144 33	110 000 000 33 35 55 660 778 8779 0
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (4)	WWW/hkPa	8,3 711 11: 4,4 69: 11: 3,9,9 11: 70: 31: 51:	77 77 77 77 77 77 77 77 77 77 77 77 77	9, 80 22 4, 4, 4 24 4, 4, 4 27 4, 7	80 80 660 83 887 446 44 44 889 776 411 55	111 99 25 5, 99 25 4, 4, 99 31 4, 11 8, 99	HH ,,00 ,00 ,00 ,00 ,00 ,00 ,00 ,00 ,00	99 77 44 77 43 33 77 77	L L ,,10 ,98	11111111111111111111111111111111111111	22 M 330 991 55 660 775 55 334 905 118 55	122 100 11 11 11 11 11 8 9	H H H H H H H H H H H H H H H H H H H	100 99 11 1 5, 99 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L ,,77 ,445 ,2 ,2 ,335 ,336 ,336 ,2 ,2 ,2 ,3 ,3 ,4 ,4 ,5 ,7 ,7 ,7 ,7 ,7 ,7 ,7 ,7 ,7 ,7	13, 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 M 335 771 77 77 77 77 77 77 77 77 7	15 15 13 13 2 2 7, 7, 13 2 2 5 5, 11 1 1 8 8 9	H 14 14 12 18 18 19 10 10 10 10 10 10 10 10 10 10	111 99 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 382 66 65 57 777 880 922 55	144 122 277, 122 277, 44, 122 299, 447	2 2 M A A A A A A A A A A A A A A A A A	1, 17, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15	10 000 33 50 60 778 779 0
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Pressure drop system side Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (4) Sound power level	kW V/h kPa kW V/h kPa type type no. m³/h W 6B(A)	8,3 711 11: 4,4,6 699 11: 3,9,9 11: 707 31: 50	77 77 77 77 77 77 77 77	9,,, 86 86 2 4,,, 84 2 4,,, 84 2 2 3, 3, 84 2 2	80 80 80 83 87 887 446 44 44 889 776 141 155	111 99 5, 99 2 5, 4, 4, 111 8, 5, 99 6.6.	H ,000 664 47 47 47 550 199 550 330 46 600	99 77 44 77 43 33 77 77 	L L ,10 ,10 ,98	111 999 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M M 991 55 55 56 60 60 775 55 834 905 88 55	12 10 6,6,10 10 11 11 8 9	H H H H H H H H H H H H H H H H H H H	100 99 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	13,3,1111 1111 11111 11111 11111 11111 11111 1111	2 M 335 771 77 77 77 77 77 77 77 77 7	155 133 22 7, 7, 133 2 2 6, 5, 5, 111 2 2 2 111 8 8 9 9 626	H 14 14 12 18 18 19 10 10 10 10 10 10 10 10 10 10	111 99 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 382 66 557 777 880 992 55 900 00 66	144 122 277, 122 277, 122 277, 122 299, 123 124 125 127 127 127 127 127 127 127 127 127 127	2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	177 155 3 8, 8, 144 3 8, 5, 14 11 8 8 9 62	10 000 33 50 60 60 778 779 0
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (4) Sound power level Sound pressure	WWW/hkPa	8,3 711 11: 4,4 69: 11: 3,9,9 11: 70: 31: 51:	77 77 77 77 77 77 77 77	9,,, 86 86 2 4,,, 84 2 4,,, 84 2 2 3, 3, 84 2 2	80 80 660 83 887 446 44 44 889 776 411 55	111 99 5, 99 2 5, 4, 4, 111 8, 99 6.6.	HH ,,00 ,00 ,00 ,00 ,00 ,00 ,00 ,00 ,00	99 77 44 77 43 33 77 77 	L L ,,10 ,98	11111111111111111111111111111111111111	22 M M 991 55 55 56 660 775 55 834 905 188 55	12 10 6,6,10 10 11 11 8 9	H H H H H H H H H H H H H H H H H H H	100 99 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L ,,77 ,445 ,2 ,2 ,335 ,336 ,336 ,2 ,2 ,2 ,3 ,3 ,4 ,4 ,5 ,7 ,7 ,7 ,7 ,7 ,7 ,7 ,7 ,7 ,7	13, 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 M 335 771 77 77 77 77 77 77 77 77 7	155 133 22 7, 7, 133 2 2 6, 5, 5, 111 2 2 2 111 8 8 9 9 626	H 14 14 12 18 18 19 10 10 10 10 10 10 10 10 10 10	111 99 1 1 1 5, 99 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 382 66 65 57 777 880 922 55	144 122 277, 122 277, 122 277, 122 299, 123 124 125 127 127 127 127 127 127 127 127 127 127	2 2 M A A A A A A A A A A A A A A A A A	177 155 3 8, 8, 144 3 8, 5, 14 11 8 8 9 62	10 000 33 50 60 778 779 0
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (4) Sound power level Sound pressure Diametre hydraulic ÿ ttings	WWW/hkPa	8,3 711 11: 4,4,6 699 11: 3,9,9 11: 707 31: 50	77 77 77 77 77 77 77 77	9,,, 86 86 2 4,,, 84 2 4,,, 84 2 2 3, 3, 84 2 2	80 80 80 83 87 887 446 44 44 889 776 141 155	111 99 5, 99 2 5, 4, 4, 111 8, 99 6.6.	H ,000 664 47 47 47 550 199 550 330 46 600	99 77 44 77 43 33 77 77 	L L ,10 ,10 ,98	111 999 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M M 991 55 55 56 660 775 55 834 905 188 55	12 10 6,6,10 10 11 11 8 9	H	100 99 1 1 1 5, 99 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	13,3,1111 1111 11111 11111 11111 11111 11111 1111	2 M 335 771 77 77 77 77 77 77 77 77 7	155 133 22 7, 7, 133 2 2 6, 5, 5, 111 2 2 2 111 8 8 9 9 626	H 14 14 12 18 18 19 10 10 10 10 10 10 10 10 10 10	111 99 1 1 1 5, 99 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 382 66 557 777 880 992 55 900 00 66	144 122 277, 122 277, 122 277, 122 299, 123 124 125 127 127 127 127 127 127 127 127 127 127	2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	177 155 3 8, 8, 144 3 8, 5, 14 11 8 8 9 62	10 000 33 50 60 60 778 779 0
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-100 Fan coil sound data (4) Sound power level Sound pressure Diametre hydraulic ÿ ttings Main coil	kW V/h kPa kW V/h kPa type type no. m³/h W 6B(A)	8,3 711 11: 4,4,6 699 11: 3,9,9 11: 707 31: 50	77 77 77 77 77 77 77 77	9,,, 86 86 2 4,,, 84 2 4,,, 84 2 2 3, 3, 84 2 2	80 80 80 83 87 887 446 44 44 889 776 141 155	111 99 5, 99 2 5, 4, 4, 111 8, 99 6.6.	H ,000 664 47 47 47 550 199 550 330 46 600	99 77 44 77 43 33 77 77 	L L ,10 ,10 ,98	111 999 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M M 991 55 55 56 660 775 55 834 905 188 55	12 10 6,6,10 10 11 11 8 9	H	100 99 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	13,3,1111 1111 11111 11111 11111 11111 11111 1111	2 M 335 771 77 77 77 77 77 77 77 77 7	155 133 22 7, 7, 133 2 2 6, 5, 5, 111 2 2 2 111 8 8 9 9 662	H 14 14 128 128 129 129 130 140 140 140 140 140 140 140 14	111 99 1 1 1 5, 99 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 382 66 557 777 880 992 55 900 00 66	144 122 277, 122 277, 122 277, 122 299, 123 124 125 127 127 127 127 127 127 127 127 127 127	2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	177 155 3 8, 8, 144 3 8, 5, 14 11 8 8 9 62	10 000 33 50 60 60 778 779 0
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (4) Sound power level Sound pressure Diametre hydraulic ÿ ttings	WWW/hkPa	8,3 711 11: 4,4,6 699 11: 3,9,9 11: 707 31: 50	77 77 77 77 77 77 77 77	9,,, 86 86 2 4,,, 84 2 4,,, 84 2 2 3, 3, 84 2 2	80 80 80 83 87 887 446 44 44 889 776 141 155	111 99 5, 99 2 5, 4, 4, 111 8, 5, 99 6.6.	H ,000 664 47 47 47 550 199 550 330 46 600	99 77 44 77 43 33 77 77 	L L ,10 ,10 ,98	111 999 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M M 991 55 55 56 660 775 55 834 905 188 55	12 10 6,6,10 10 11 11 8 9	H	100 99 1 1 1 5, 99 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	13,3,1111 1111 11111 11111 11111 11111 11111 1111	2 M 335 771 77 77 77 77 77 77 77 77 7	155 133 22 7, 7, 133 2 2 6, 5, 5, 111 2 2 2 111 8 8 9 9 662	H 14 14 128 128 129 129 130 140 140 140 140 140 140 140 14	111 99 1 1 1 5, 99 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 382 66 557 777 880 992 55 900 00 66	144 122 277, 122 277, 122 277, 122 299, 123 124 125 127 127 127 127 127 127 127 127 127 127	2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	177 155 3 8, 8, 144 3 8, 5, 14 11 8 8 9 62	10 000 33 50 60 60 778 779 0

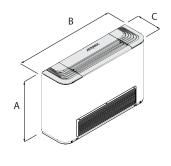
⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

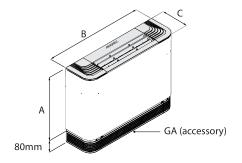
Technical data - 4-pipe systems (main coil + secondary coil)

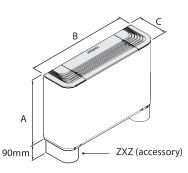
			FCZI201			FCZI301			FCZ1401			FCZI501			FCZ1701			FCZI901	
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 65 °C / 55 °C (1)																			
Heating capacity	kW	1,02	1,35	1,60	1,80	2,18	2,56	2,21	2,65	3,12	2,59	3,34	3,73	3,66	4,29	4,94	4,73	5,63	5,72
Water flow rate system side	I/h	89	118	140	158	191	224	186	232	273	227	293	327	320	375	437	414	492	501
Pressure drop system side	kPa	5	8	11	17	23	31	5	7	9	6	9	11	11	15	19	9	12	12
Cooling performance 7 °C / 12 °C (2)																			
Cooling capacity	kW	0,89	1,28	1,60	1,68	2,17	2,65	2,20	2,92	3,60	2,68	3,69	4,25	3,92	4,89	5,50	4,29	5,00	6,91
Sensible cooling capacity	kW	0,71	1,05	1,33	1,26	1,65	2,04	1,59	2,14	2,67	1,94	2,73	3,18	2,99	3,76	4,30	2,97	3,78	5,68
Water flow rate system side	l/h	153	221	275	289	374	456	379	503	619	461	635	731	675	841	946	738	860	1188
Pressure drop system side	kPa	7	13	18	8	13	18	14	24	34	13	23	29	17	25	30	10	15	10
Fan																			
Туре	type									Centr	ifugal								
Fan motor	type									Inve	erter								
Number	no.		1			2			2			2			3			3	
Air flow rate	m³/h	140	220	290	260	350	450	330	460	600	400	600	720	700	930	1140	700	930	1140
Sound pressure level (10 m)	dB(A)	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0	42,0	49,0	54,0	43,0	49,0	54,0
Sound power level	dB(A)	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0	50,0	57,0	62,0	51,0	57,0	62,0
Diametre hydraulic ÿ ttings																			
Туре	type										-								
Main coil	Ø		1/2"			3/4"			3/4"			3/4"			3/4"			3/4"	
Fan																			
Input power	W	7	- 8	14	5	7	13	5	10	18	7	16	31	30	40	80	30	40	80
Signal 0-10V	%	44	68	90	52	70	90	49	68	90	50	74	90	56	72	90	56	72	90
Power supply																			
Power supply										230V	~50Hz								

(1) Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT (2) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT

DIMENSIONS







2-pipe

		FCZI200		FCZI25	0	F	CZI300		F	CZI35	0		FCZ I 40	00	F	CZ I 45	0	F	CZI50	00	F	CZ I 55	0	F	CZI70	0	F	CZI75	50	F	CZI90	0	F	CZ1950
		1 2 3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2 3
		L M H	ı	. M	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	M H
Dimensions and	weights																																	
A	mm	486		486			486			486			486			486			486			486			486			486			591			591
В	mm	750		750			980			980			1200)		1200			1200)		1200			1320			1320			1320			1320
C	mm	220		220			220			220			220			220			220			220			220			220			220			220
D	mm	576		576			576			576			576			576			576			576			576			576			681			681
Empty weight	kg	15	Т	16			17			18			22			24			22			24			29			31			34			34

4-pipe

		FCZI201		FCZI301		FCZI401				FCZI501			FCZI701			FCZI901			
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Dimensions and	weights																		
A	mm		486			486			486			486			486			591	
В	mm		750			980			1200			1200			1320			1320	
C	mm		220			220			220			220			220			220	
D	mm		576			576			576			576			576			681	
Empty weight	kg		15			17			23			23			30			34	

Aermec reserves the right to make any modifications deemed necessary. All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

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FCZ-D

Fan coil for universal and floor installation

Cooling capacity 0,89 ÷ 4,25 kW Heating capacity 2,02 ÷ 8,50 kW



- · Fully silent operation
- Backlit touch command with programming via a smart device
- Total comfort in every season





DESCRIPTION

The perception of uneven temperature distribution in various settings, especially in the vertical direction, is one of the main factors leading to a drastic reduction in the well-being perceived by occupants.

FCZ D are able to provide a pleasant sensation of comfort by directing the air in a way that ensures uniform temperature distribution throughout the setting.

In winter, hot air is direct downwards; in summer, cool air is directed upwards.

Air supply switching at the front or from the top by operating directly on the orientable grille.

They can be installed in any type of 2 / 4 pipe system and in combination with any heat generator even at low temperatures. Thanks to the availability of several versions and configurations, it is easy to choose the optimal solution for every requirement.

FFATURES

Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Case

Protective metal cabinet with anti-corrosion polyester RAL 9003 paint, whereas the head with the air distribution grille is in RAL 7044 plastic.

Ventilation group

Consisting of double suction centrifugal fans that are particularly silent, statically and dynamically balanced, and directly coupled with the motor shaft.

The motor is wired for single phase and has three speeds, with capacitor. The motor is fitted on sealed for life bearings and is secured on anti-vibration and self-lubricating mountings.

Extractable shrouds for easy, effective cleaning

Heat exchanger coil

With copper pipes and aluminium fins, the main coil has female gas water connections on the left side and the manifolds have air vents. The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

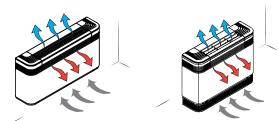
The hydraulic connections can be inverted during installation.

Condensate drip

Air filter

Air filter class Coarse 25% for all versions easy to pull out and clean.

VERSION WITH DOUBLE SUPPLY



FCZ_D

With on-board thermostat.

FCZ DS

- Compatibility with VMF system.
- Without installed switch

ThermApp

In units DS version with a **T-Touch-I** electronic thermostat (accessory) and the **ThermApp** application, the operating mode can be set and the weekly timer programmed by simply resting the smart device on the fan coil. The graphic interface of the app also gives access to a lot more information such as the alarm list, the closest SAT, etc.

Available for Android operating systems.



GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Fiel	d	Description
1,2,	.3	FCZ
4		Size
		2, 3, 4, 5
5		Main coil
	0	Standard
6		Secondary coil
	0	Without coil
7		Version
	D	Dualjet with thermostat TXB on-board the system
	DS	Dualjet without on-board thermostat

ACCESSORIES

Control panels

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

T-TOUCH: Touch control on board the machine, for controlling fan coils with asynchronous motors. In 2-pipe systems, it can control standard fan coils or those equipped with an electric heater, with air purifying devices or with FCZ-D twin delivery (Dualjet). In 4-pipe systems, only standard fan coils. The ThermApp application is also available for remote control with smart devices with the Android operating system.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

VMF system

VMF-EOX: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E19: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E2Z: User interface on the machine, to be combined with the VMF-E0X, VMF-E19 or VMF-E19I accessory.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IO: Manage the unit exclusively from a centralized VMF control panel without area control panel.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

Water valves

VCZ_X: 3-way valve kit for single-coil fan coil, RH connections, for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves, and the relative hydraulic couplings. X4L version for fan coils with LH connections, and X4R for fan coils with RH connections. 230V~50Hz power supply.

VCZ: 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCZD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections

VJP: Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit, supplied without fittings and hydraulic components. The valve, which can guarantee a constant water flow rate in the terminal, within its operating range.

VDP: Combined adjustment and balancing valve, for 2 and 4 pipe systems to be installed outside the unit. It is comprised of a valve body without nipples with Ø 3/4'M water connections, a 230 V powered actuator with On-Off function and a 5 m power supply cable. The valve is supplied without connections or hydraulic components.

Installation accessories

PCZ: Sheet metal panel closing the rear of the unit.

GA: Lower intake grille for encapsulated fan coils. Can also be used in wall-mounted or floor installations, the FKIT accessory is needed only in the case of floor installation.

FIKIT: Metal supports for vertical installation of the GA grille.

DSCZ4: Condensate drainage device.

BCZ: Condensate drip.

ACCESSORIES COMPATIBILITY

Control panels

Model	Ver	200	300	400	500
AER503IR (1)	DS	•	•	•	•
PR0503	DS	•	•	•	•
SA5 (2)	DS	•	•	•	•
SW3 (2)	DS	•	•	•	•
SW5 (2)	DS	•	•	•	•
T-TOUCH	DS	•	•	•	•
TX (1)	DS	•	•	•	•

For more information about VMF system, refer to the dedicated documentation.

Model	Ver	200	300	400	500
VMF-E0X (1)	DS	•	•	•	•
VMF-E19	DS	•	•	•	•

⁽¹⁾ Wall-mount installation.
(2) Probe for AER503IR-TX thermostats, if fitted.

Model	Ver	200	300	400	500
VMF-E2Z	DS	•	•	•	•
VMF-E3	DS	•	•	•	•
VMF-E4DX	DS	•	•	•	•
VMF-E4X	DS	•	•	•	•
VMF-IO	DS	•	•	•	•
VMF-IR	DS	•	•	•	•

(1) Also the accessory VMF-SIT3 is mandatory if the unit exceeds 0.7 Amperes.

Water valves

3 way valve kit

Model	Ver	200	300	400	500
VCZ41 (1)	D,DS	•			
VCZ4124 (2)	D,DS	•			
VCZ42 (1)	D,DS		•	•	•
VCZ4224 (2)	D,DS		•	•	•

(1) 230V~50Hz (2) 24V

2 way valve kit

Model	Ver	200	300	400	500
VCZD1 (1)	DS	•			
VCZD124 (2)	DS	•			
VCZD2 (1)	DS		•	•	•
VCZD224 (2)	DS		•	•	•

(1) 230V~50Hz (2) 24V

Valve Kit for 4 pipe systems - Requires a thermostat with valve management

Model	Ver	200	300	400	500
VCZ1X4L (1)	D,DS	•			
VCZ1X4R (1)	D,DS	•			
VCZ2X4L (1)	D,DS		•	•	•
VCZ2X4R (1)	D,DS		•	•	•

(1) The valves can be combined with the units if there is a control panel for managing them.

Installation accessories

Condensate recirculation device

Model	Ver	200	300	400	500
DSCZ4 (1)	D,DS	•	•	•	•

(1) DSC4 cannot be mounted if even just one of these accessories is also installed: AMP - AMPZ valve VCZ1-2-3-4 X4L/R and all the condensate collection trays.

Condensate drip

Model	Ver	200	300	400	500
BCZ4 (1)	D,DS	•	•	•	•

(1) For vertical installation.

Panel closing the rear of the unit

Model	Ver	200	300	400	500
PCZ200	D,DS	•			
PCZ300	D,DS		•		
PCZ500	D,DS			•	•

Ornamental grille

Model	Ver	200	300	400	500
GA200	D,DS	•			
GA300	D,DS		•		
GA500	D,DS			•	•

$Supports \ to \ be \ combined \ with \ the \ ornamental \ grille \ (GA) \ for \ floor \ installation \ of \ the \ fan \ coil$

Model	Ver	200	300	400	500
FIKIT200	D,DS	•			
FIKIT300	D,DS		•		
FIKIT500	D,DS			•	•

Pair of stylish structural feet

r un or styn.	Tun or styrish structural reet								
Model	Ver	200	300	400	500				
7X7	D.DS	•	•	•	•				

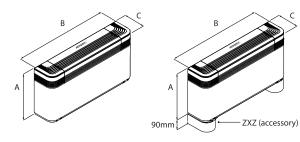
PERFORMANCE SPECIFICATIONS

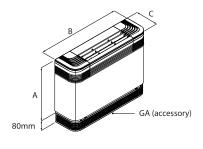
2-pipe

			FCZ200D			FCZ300D			FCZ400D			FCZ500D	
		1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)													
Heating capacity	kW	2,02	2,95	3,70	3,47	4,46	5,50	4,32	5,74	7,15	5,27	7,31	8,50
Water flow rate system side	I/h	177	258	324	304	391	482	379	503	627	462	641	745
Pressure drop system side	kPa	6	12	18	7	12	18	9	16	24	12	21	28
Heating performance 45 °C / 40 °C (2)													
Heating capacity	kW	1,00	1,46	1,84	1,72	2,21	2,73	2,14	2,85	3,55	2,62	3,63	4,22
Water flow rate system side	l/h	174	254	319	299	385	475	373	495	617	455	631	734
Pressure drop system side	kPa	6	12	18	8	12	18	10	16	24	12	21	28
Cooling performance 7 °C / 12 °C (3)													
Cooling capacity	kW	0,89	1,28	1,60	1,68	2,17	2,65	2,20	2,92	3,60	2,68	3,69	4,25
Sensible cooling capacity	kW	0,71	1,05	1,33	1,26	1,65	2,04	1,59	2,14	2,67	1,94	2,73	3,18
Water flow rate system side	l/h	153	221	275	288	374	456	379	503	619	460	634	731
Pressure drop system side	kPa	7	13	18	8	13	18	10	17	24	13	23	29
Fan													
Туре	type						Centr	ifugal					
Fan motor	type						Asynch	ironous					
Number	no.		1			2			2			2	
Air flow rate	m³/h	140	220	290	260	350	450	330	460	600	400	600	720
Input power	W	13	25	35	25	33	44	30	43	57	38	52	76
Electrical wiring		V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3
Fan coil sound data (4)			_	_								_	
Sound power level	dB(A)	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0
Sound pressure	dB(A)	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0
Water coil													
Water content main coil	1		0,5			0,8			1,0			1,0	
Diametre hydraulic ÿ ttings													
Main coil	Ø		1/2"			3/4"			3/4"			3/4"	
Power supply													
Power supply							230V-	~50Hz					

- (1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
 (2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
 (3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
 (4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

DIMENSIONS





		FCZ200D	FCZ300D	FCZ400D	FCZ500D
Dimensions and weights					
A	mm	486	486	486	486
В	mm	750	980	1200	1200
C	mm	220	220	220	220
Empty weight	kg	15	17	23	22

Aermec S.p.A.Via Roma, 996 - 37040 Bevilacqua (VR) - Italia Tel. 0442633111 - Telefax 044293577 www.aermec.com

















FCZI-D

Fan coil for universal and floor installation

Cooling capacity 0,89 ÷ 4,25 kW Heating capacity 2,02 ÷ 8,50 kW



- Total comfort in every season
- Electric saving equal to 50% with respect to a fan coil with 3-speed motor
- · Fully silent operation
- Backlit Touch command with programming via a smart device (DT vesion)





DESCRIPTION

The perception of uneven temperature distribution in various settings, especially in the vertical direction, is one of the main factors leading to a drastic reduction in the well-being perceived by occupants.

FCZI D are able to provide a pleasant sensation of comfort by directing the air in a way that ensures uniform temperature distribution throughout the setting.

In winter, hot air is direct downwards; in summer, cool air is directed upwards.

Air supply switching at the front or from the top by operating directly on the orientable grille.

They can be installed in any type of 2 / 4 pipe system and in combination with any heat generator even at low temperatures. Thanks to the availability of several versions and configurations, it is easy to choose the optimal solution for every requirement.

FEATURES

Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Case

Protective metal cabinet with anti-corrosion polyester RAL 9003 paint, whereas the head with the air distribution grille is in RAL 7044 plastic.

Ventilation group

Centrifugal fans in anti-static plastic material with aerofoil profile designed to achieve high airflows and pressures whilst at the same time producing low noise.

Their characteristics permit energy savings compared to conventional fans.

They are statically and dynamically balanced and directly coupled to the motor shaft.

The Brushless electric motor with 0-100% continuous speed variation, which allows precise adaptation to the real demands of the internal environment without temperature fluctuations.

Heat exchanger coil

With copper pipes and aluminium fins, the main coil has female gas water connections on the left side and the manifolds have air vents. The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

The hydraulic connections can be inverted during installation.

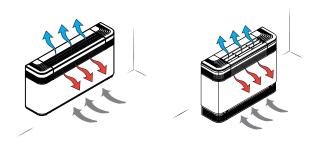
Condensate drip

Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Air filtor

Air filter class Coarse 25% for all versions easy to pull out and clean.

VERSION WITH DOUBLE SUPPLY



FCZI_D

- With on-board thermostat.

FCZI_DT

— With thermostat T-TOUCH-I on-board the system

ThermApp

In units DT version with a **T-Touch-I** electronic thermostat and the **ThermApp** application, the operating mode can be set and the weekly

timer programmed by simply resting the smart device on the fan coil. The graphic interface of the app also gives access to a lot more information such as the alarm list, the closest SAT, etc.

Available for Android operating systems.



GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Field	d	Description
1,2,	3,4	FCZI
5		Size 2, 3, 4, 5
6		Main coil
	0	Standard
7		Secondary coil
	0	Without coil
8		Version
	D	Dualjet with on-board thermostat
	DT	Dualjet with T-Touch-I thermostat (1)

(1) Compatibility with VMF system

ACCESSORIES

Water valves

VCZ_X: 3-way valve kit for single-coil fan coil, RH connections, for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves, and the relative hydraulic couplings. X4L version for fan coils with LH connections, and X4R for fan coils with RH connections. 230V~50Hz power supply.

VCZ: 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCZD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VJP: Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit, supplied without fittings and hydraulic components. The valve, which can guarantee a constant water flow rate in the terminal, within its operating range.

VDP: Combined adjustment and balancing valve, for 2 and 4 pipe systems to be installed outside the unit. It is comprised of a valve body without nipples with Ø 3/4'M water connections, a 230 V powered actuator with On-Off function and a 5 m power supply cable. The valve is supplied without connections or hydraulic components.

Installation accessories

PCZ: Sheet metal panel closing the rear of the unit.

GA: Lower intake grille for encapsulated fan coils. Can also be used in wall-mounted or floor installations, the FKIT accessory is needed only in the case of floor installation.

FIKIT: Metal supports for vertical installation of the GA grille.

DSCZ4: Condensate drainage device.

BCZ: Condensate drip.

ZXZ: Pair of stylish and structural feet

ACCESSORIES COMPATIBILITY

Water valves

3 way valve kit

Model	Ver	200	300	400	500
VCZ41 (1)	D,DT	•			
VCZ4124 (2)	D,DT	•			
VCZ42 (1)	D,DT		•	•	•
VCZ4224 (2)	D,DT		•	•	•

^{(1) 230}V~50Hz

2 way valve kit

Model	Ver	200	300	400	500
VCZD1 (1)	D,DT	•			
VCZD124 (2)	D,DT	•			
VCZD2 (1)	D,DT		•	•	•
VCZD224 (2)	D,DT		•	•	•

^{(1) 230}V~50Hz (2) 24V

Valve Kit for 4 pipe systems - Requires a thermostat with valve management

Model	Ver	200	300	400	500
VCZ1X4L (1)	D,DT	•			
VCZ1X4R (1)	D,DT	•			
VCZ2X4L (1)	D,DT		•	•	•
VCZ2X4R (1)	D,DT		•	•	•

⁽¹⁾ The valves can be combined with the units if there is a control panel for managing them.

Installation accessories

Condensate recirculation device

Model	Ver	200	300	400	500
DSCZ4 (1)	D,DT	•	•	•	•

⁽¹⁾ DSC4 cannot be mounted if even just one of these accessories is also installed: AMP - AMPZ valve VCZ1-2-3-4 X4L/R and all the condensate collection trays.

Condensate drip

Model	Ver	200	300	400	500
BCZ4 (1)	D,DT	•	•	•	•

⁽¹⁾ For vertical installation.

Panel closing the rear of the unit

Model	Ver	200	300	400	500
PCZ200	D,DT	•			
PCZ300	D,DT		•		
PCZ500	D.DT			•	•

Ornamental grille

Model	Ver	200	300	400	500
GA200	D,DT	•			
GA300	D,DT		•		
GA500	D,DT			•	•

Supports to be combined with the ornamental grille (GA) for floor installation of the fan coil

Model	Ver	200	300	400	500
FIKIT200	D,DT	•			
FIKIT300	D,DT		•		
FIKIT500	D.DT			•	•

Pair of stylish structural feet

Model	Ver	200	300	400	500
ZXZ	D,DT	•	•	•	•

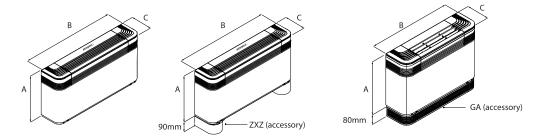
PERFORMANCE SPECIFICATIONS

2-pipe

<u>г-ріре</u>			FCZI200D			FCZI300D			FCZI400D			FCZI500D	
		1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)													
Heating capacity	kW	2,02	2,95	3,70	3,47	4,46	5,50	4,32	5,74	7,15	5,27	7,31	8,50
Water flow rate system side	l/h	177	258	324	304	391	482	379	503	627	462	641	745
Pressure drop system side	kPa	6	12	18	7	12	18	9	16	24	12	21	28
Heating performance 45 °C / 40 °C (2)													
Heating capacity	kW	1,00	1,46	1,84	1,72	2,21	2,73	2,14	2,85	3,55	2,62	3,63	4,22
Water flow rate system side	l/h	174	254	319	299	385	475	373	495	617	455	631	734
Pressure drop system side	kPa	6	12	18	8	12	18	10	16	24	12	21	28
Cooling performance 7 °C / 12 °C (3)													
Cooling capacity	kW	0,89	1,28	1,60	1,68	2,17	2,65	2,20	2,92	3,60	2,68	3,69	4,25
Sensible cooling capacity	kW	0,71	1,05	1,33	1,26	1,65	2,04	1,59	2,14	2,67	1,94	2,73	3,18
Water flow rate system side	l/h	153	221	275	288	374	456	379	503	619	460	634	731
Pressure drop system side	kPa	7	13	18	8	13	18	10	17	24	13	23	29
Fan													
Туре	type						Centr	ifugal					
Fan motor	type						Inve	erter					
Number	no.		1			2			2			2	
Air flow rate	m³/h	140	220	290	260	350	450	330	460	600	400	600	720
Input power	W	5	8	14	5	7	13	5	10	18	8	18	34
Signal 0-10V	%	44	68	90	52	70	90	49	68	90	50	74	90
Fan coil sound data (4)													
Sound power level	dB(A)	31,0	43,0	50,0	34,0	41,0	48,0	37,0	44,0	41,0	42,0	51,0	56,0
Sound pressure	dB(A)	23,0	35,0	42,0	26,0	33,0	40,0	29,0	36,0	53,0	34,0	43,0	48,0
Water coil													
Water content main coil			0,5			0,8			1,0			1,0	
Diametre hydraulic ÿ ttings													
Main coil	Ø		1/2"			3/4"			3/4"	_		3/4"	
Power supply													
Power supply							230V-	~50Hz					

⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

DIMENSIONS



		FCZ1200D	FCZI300D	FCZ1400D	FCZI500D
Dimensions and weights	3				
A	mm	486	486	486	486
В	mm	750	980	1200	1200
C	mm	220	220	220	220
Empty weight	kg	15	17	23	22

Aermec S.p.A.Via Roma, 996 - 37040 Bevilacqua (VR) - Italia
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Fan coil with the photocatalytic device, for universal and floor installation



- · Photocatalytic device
- Very quiet
- Backlit touch command with programming via a smart device (accessory)
- Total comfort in every season





DESCRIPTION

Fan coil with built-in **photocatalytic device** for air conditioning in places requiring the maximum hygiene, such as:

- Hospitals
- Dentists' surgeries
- Doctors' and vets' surgeries
- Analysis laboratories
- Waiting rooms
- Public premises

They can be installed in any type of 2-pipe system (version for 4-pipe systems available upon request) and in combination with any heat generator, even at low temperatures. Thanks to the availability of several versions and configurations, it's easy to find the right solution for every need.

VERSIONS

- H Unit with shell without thermostat vertical and horizontal installation.
- HP Unit without shell and without thermostat vertical and horizontal installation. Can also be supplied in a configuration equipped with a boosted asynchronous motor (HPO).
- **HT** Unit with shell and thermostat vertical installation.

FEATURES

Case

Metallic protective cabinet with rustproofing polyester paint RAL 9003. The head with adjustable air distribution grille is made of plastic RAL 7047. When the grille closes, the fan coil automatically switches off.

Ventilation group

Comprised of a dual intake centrifugal fan that is particularly silent, statically and dynamically balanced and directly coupled to the motor shaft.

The electric motor is single-phase and asynchronous, mounted on anti-vibration supports, and has a permanently engaged condenser. The scroll that protects the fan can be extracted and inspected, for easy and effective cleaning.

 Apart from the traditional asynchronous motor, each unit can also be supplied with an inverter (brushless) motor. Refer to the relative FCZI - H datasheet

Heat exchanger coil

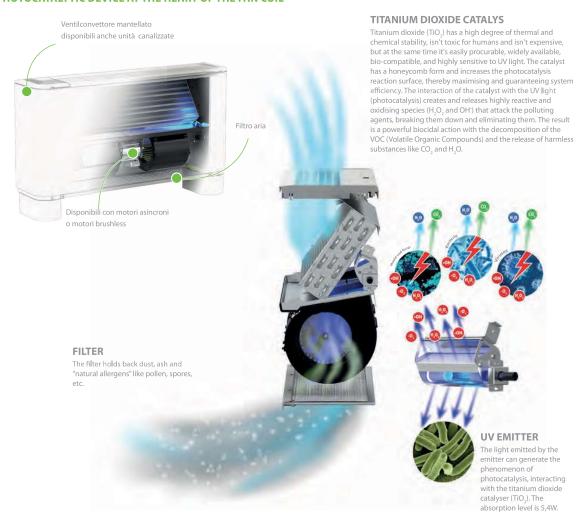
With copper pipes and aluminium fins, the main coil has female gas water connections on the left side and the manifolds have air vents. The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

The coil is not reversible during installation but, when ordering, you can choose units with the coil water connections on the right (at no extra charge).

Air filter

Air filter class **COARSE 25%** for all versions; easy to pull out and clean. Shrouds can be pulled out and inspected for easy and effective cleaning.

PHOTOCATALYTIC DEVICE AT THE HEART OF THE FAN COIL



GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Configuration options FCZ - H

Field	Description
1,2,3	FCZ
4	Size 2, 3, 4, 5, 6, 9
5	Main coil
0	Standard
5	Oversized (1)
б	Secondary coil
0	Without coil
7	Version
Н	Unit with shell without thermostat - vertical and horizontal mount
HP	Unit without shell and thermostat - vertical and horizontal mount
HP0	Unit without shell and thermostat with upgraded motor - vertical and horizontal mount
HPOR	Unit without shell and thermostat with upgraded motor - vertical and horizontal installation - water connections on the right
HPR	Unit without shell and thermostat - vertical and horizontal installation - water connections on the right
HR	Unit with shell without thermostat - vertical and horizontal installation - water connections on the right
HT	Unit with shell with thermostat - vertical mount
HTR	Unit with shell with thermostat - vertical mount - water connections on the right

(1) Only for sizes 9

ACCESSORIES

Control panels and dedicated accessories - FCZ-H

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SIT3: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel (selector or thermostat). Commands the 3 fan speeds and must be installed on each fan coil within the network; receives the commands from the selector or the SIT5 card.

SIT5: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel. Commands the 3 fan speeds and up to 2 valves (four pipe systems); sends the thermostat's commands to the fan coil network.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

T-TOUCH: Touch control on board the machine, for controlling fan coils with asynchronous motors. In 2-pipe systems, it can control standard fan coils or those equipped with an electric heater, with air purifying devices or with FCZ-D twin delivery (Dualjet). In 4-pipe systems, only standard fan coils. The ThermApp application is also available for remote control with smart devices with the Android operating system.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

TXB: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

VMF-EOX: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E19: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E2Z: User interface on the machine, to be combined with the VMF-E0X, VMF-E19 or VMF-E19I accessory.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IO: Manage the unit exclusively from a centralized VMF control panel without area control panel.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

VMF-LON: Expansion allowing the thermostat to interface with BMS systems that use the LON protocol.

VMF-SIT3: Interface card that permits connecting the VMF-E19 thermostats to a fan coil with a high power motor.

VMF-SW: Water temperature probe.

Common accessories

VCZ: 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCZD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCFD: Motorized 2-way valve kit without insulating shell, can be installed on the main or secondary battery or a battery that is only warm. The kit is made up of a valve, actuator and relative hydraulic fittings. It can be installed on fan coils with connections on the right and on the left.

VCF41 - 42 - 43 - for main coil: 3-way motorised valve kit for the main coil. The kit consists of a valve with its insulating shell, actuator and relevant water fittings; it is suitable to be installed on the fan coils with right and left water connections.

VJP: Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit.

AMP: Wall mounting kit

DSC: Condensate drainage device.

BCZ: Condensate drip.

PCZ: Sheet metal panel closing the rear of the unit.

GA: Lower intake grille for encapsulated fan coils. Can also be used in wall-mounted or floor installations, the FKIT accessory is needed only in the case of floor installation.

FIKIT: Metal supports for vertical installation of the GA grille.

ZXZ: Pair of stylish and structural feet

BC: Condensate drip.

Ventilcassaforma: Galvanised sheet metal template. It makes it possible to obtain directly in the wall a space for housing the fan coil.

ACCESSORIES COMPATIBILITY

Control panels and dedicated accessories - FCZ-H

Model	Ver	200	300	400	500	600	900	950
AER503IR (1)	H,HP	•	•	•	•	•	•	•
PR0503	H,HP	•	•	•	•	•	•	•
SA5 (2)	H,HP,HT	•	•	•	•	•	•	•
SIT3 (3)	H,HP,HT	•	•	•	•	•	•	•
SIT5 (4)	H,HP,HT	•	•	•		•		
SW3 (2)	H,HP,HT	•	•	•	•	•	•	
SW5 (2)	H,HP,HT	•	•	•	•	•	•	•
T-TOUCH	Н	•	•	•	•	•	•	•
TX (1)	H,HP	•	•	•	•	•	•	•
TXB (5)	Н			•	•	•	•	

- (1) Wall-mount installation.(2) Probe for AER503IR-TX thermostats, if fitted.
- (3) Cards for AERSO3IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere. (4) Probe for AERSO3IR-TX thermostats, if fitted.
- (5) Installation on the fan coil.

Model	Ver	200	300	400	500	600	900	950
VMF-E0X (1)	H,HP	•	•	•	•	•	•	•
VMF-E19	H,HP	•	•	•	•	•	•	•
VMF-E2Z	Н		•		•	•	•	•
VMF-E3	H,HP	•	•			•	•	•
VMF-E4DX	H,HP	•	•	•	•	•	•	•
VMF-E4X	H,HP	•	•	•	•	•	•	•
VMF-IO	H,HP	•	•	•	•	•	•	•
VMF-IR	H,HP	•	•	•	•	•	•	
VMF-LON	H,HP	•	•	•	•	•	•	•
VMF-SIT3 (2)	H,HP	•	•	•	•	•	•	•
VMF-SW	H,HP	•	•	•	•	•	•	•

Common accessories

3 way valve kit

Model	Ver	200	300	400	500	600	900	950
VCZ41 (1)	H,HP,HT	•						
VCZ4124 (2)	H,HP,HT	•						
VCZ42 (1)	H,HP,HT		•	•	•	•		
VCZ4224 (2)	H,HP,HT		•			•		
VCZ43 (1)	H,HP,HT						•	•
VCZ4324 (2)	H,HP,HT						•	•

^{(1) 230}V~50Hz (2) 24V

2 way valve kit

Model	Ver	200	300	400	500	600	900	950
VCZD1 (1)	H,HP,HT	•						
VCZD124 (2)	H,HP,HT	•						
VCZD2 (1)	H,HP,HT		•	•	•	•		
VCZD224 (2)	H,HP,HT		•	•	•	•		
VCZD3 (1)	H,HP,HT						•	•
VCZD324 (2)	H,HP,HT						•	•

^{(1) 230}V~50Hz (2) 24V

Combined Adjustment and Balancing Valve Kit

Comonica Aujustine	ant and balanting valve							
Model	Ver	200	300	400	500	600	900	950
VJP060 (1)	H,HP,HT	•						
VJP060M (2)	H,HP,HT	•						
VJP090 (1)	H,HP,HT			•	•	•		
VJP090M (2)	H,HP,HT			•	•	•		
VJP150 (1)	H,HP,HT						•	•
VJP150M (2)	Н,НР,НТ						•	

^{(1) 230}V~50Hz (2) 24V

Wall mounting kit

	,							
Ξ	Ver	200	300	400	500	600	900	950
	HP	AMP20						

Condensate drainage

Model	Ver	200	300	400	500	600	900	950
DSC4 (1)	HP	•	•	•	•	•	•	•

⁽¹⁾ DSC4 cannot be mounted if even just one of these accessories is also installed: AMP - AMPZ valve VCZ1-2-3-4 X4L/R and all the condensate collection trays.

Condensate drip

Ver	200	300	400	500	600	900	950
HP	BCZ4 (1), BCZ5 (2)	BCZ6 (2)	BCZ6 (2)				
(1) Farrantial installation							<u> </u>

(1) For vertical installation.(2) For horizontal installation.

Ver	200	300	400	500	600	900	950
HP	BC8 (1)	BC9 (1)	BC9 (1)				

⁽¹⁾ For horizontal installation.

Panel closing the rear of the unit

runer closing the real of the	eum						
Ver	200	300	400	500	600	900	950
Н,НР,НТ	PCZ200	PCZ300	PCZ500	PCZ500	PCZ800	PCZ1000	PCZ1000

⁽¹⁾ Also the accessory VMF-SIT3 is mandatory if the unit exceeds 0.7 Amperes.
(2) For the selection, consult the documentation for the thermostat and the fan coil.

Grille also applicable for floor installation

Ver	200	300	400	500	600	900	950
H,HP,HT	GA200	GA300	GA500	GA500	GA800	GA800	GA800
Metal supports for GA gri	lle						
Ver	200	300	400	500	600	900	950
H,HP,HT	FIKIT200	FIKIT300	FIKIT500	FIKIT500	FIKIT800	FIKIT800	FIKIT800
Yentilcassaforma Ver	200	300	400	500	600	900	950
Ver	200	300	400	500	600	900	950
HP	CHF22	CHF32	CHF42	CHF42	CHF62	CHF62	CHF62
air of stylish structural f	eet						
Ver	200	300	400	500	600	900	950
Н,НР,НТ	ZXZ	ZXZ	ZXZ	ZXZ	7X7	7X7	ZXZ

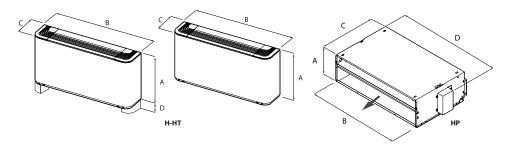
PERFORMANCE SPECIFICATIONS

2-pipe

		CZ200	1		FCZ300H	1	ı	CZ400I	1	F	CZ500	1	-	CZ6001	H		CZ9001	1		FCZ950H	
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)																					
Heating capacity kW	2,02	2,95	3,70	3,47	4,46	5,50	4,32	5,74	7,15	5,27	7,31	8,50	6,50	8,10	10,00	10,77	13,35	15,14	11,20	14,42	17,10
Water flow rate system side I/h	177	258	324	304	391	482	379	503	627	462	641	745	570	710	877	945	1171	1328	982	1264	1500
Pressure drop system side kPa	6	12	18	7	12	18	9	16	24	12	21	28	12	18	26	12	17	22	16	25	33
Heating performance 45 °C / 40 °C (2)																					
Heating capacity kW	1,00	1,46	1,84	1,72	2,21	2,73	2,14	2,85	3,55	2,62	3,63	4,22	3,32	4,03	4,97	5,35	6,64	7,53	5,57	7,17	8,50
Water flow rate system side I/h	174	254	319	299	385	475	373	495	617	455	631	734	561	699	863	930	1152	1307	967	1245	1476
Pressure drop system side kPa	6	12	18	8	12	18	10	16	24	12	21	28	12	18	26	12	17	22	15	24	33
Cooling performance 7 °C / 12 °C (3)																					
Cooling capacity kW	0,89	1,28	1,60	1,68	2,17	2,65	2,20	2,92	3,60	2,68	3,69	4,25	3,22	3,90	4,65	4,29	5,00	6,91	5,77	7,32	8,60
Sensible cooling capacity kW	0,71	1,05	1,33	1,26	1,65	2,04	1,59	2,14	2,67	1,94	2,73	3,18	2,56	3,17	3,92	2,97	3,78	5,68	3,80	4,87	5,78
Water flow rate system side I/h	153	221	275	288	374	456	379	503	619	460	634	731	554	671	800	738	860	1189	992	1259	1479
Pressure drop system side kPa	7	13	18	8	13	18	10	17	24	13	23	29	14	19	26	10	13	22	15	23	30
Fan																					
Type type										C	entrifug	al									
Fan motor type										As	ynchron	ous									
Number no.		1			2			2			2			3			3			3	
Air flow rate m ³ /h	140	220	290	260	350	450	330	460	600	400	600	720	520	720	900	700	930	1140	700	930	1140
Input power W	25	29	33	25	33	44	30	43	57	38	52	76	38	60	91	59	80	106	59	80	106
Electrical wiring	V1	V2	V3	V1	V2	٧3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3
Diametre hydraulic ÿ ttings																					
Type type											Gas - F										
Main coil Ø		1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
Fan coil sound data (4)																					
Sound power level dB(A)	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0	42,0	51,0	57,0	51,0	57,0	62,0	51,0	57,0	61,0
Sound pressure dB(A)	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0	34,0	43,0	49,0	43,0	49,0	54,0	43,0	49,0	53,0
Power supply																					
Power supply										23	30V~50	Hz									

- (1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
 (2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
 (3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
 (4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

DIMENSIONS



Size			200	300	400	500	600	900	950
Dimensions and weights									
Δ.	H,HT	mm	486	486	486	486	486	591	591
A	HP	mm	216	216	216	216	216	216	216
P	H,HT	mm	750	980	1200	1200	1320	1320	1320
В	HP	mm	562	793	1013	1013	1147	1147	1147
(H,HT	mm	220	220	220	220	220	220	220
	HP	mm	453	453	453	453	453	558	558
	H,HT	mm	90	90	90	90	90	90	90
U	HP	mm	522	753	973	973	1122	1122	1122
Empty usight	H,HT	kg	15	17	23	22	29	34	34
Empty weight	HP	kg	12	14	20	23	29	32	32

Aermec reserves the right to make any modifications deemed necessary. All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

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Fan coil for universal and floor installation



- Very quiet
- · Ideal for residential or office solutions
- · Version with Coldplasma Air purifier





DESCRIPTION

Fan coils for heating, cooling, and dehumidification.

It can be installed on 2-pipe systems and combined with any heat generator even at low temperatures. Choosing the optimal solution for any requirement is easy thanks to the various versions available and to the possibility of horizontal or vertical installation, depending on the version.

VERSIONS

HL Metallic white cabinet with switch

L White cabinet with self-closing louver and electronic thermostat

LM Grey cabinet with self-closing louver and electronic thermostat **M** Metallic grey cabinet with switch

N White cabinet with electronic thermostat VMF

NM Grey cabinet with electronic thermostat VMF

PC White cabinet with electronic thermostat and Cold Plasma purifier

PCM Grey cabinet with electronic thermostat and Cold Plasma purifier

S Metallic withe cabinet without control board

SM Metallic grey cabinet without control board

FEATURES

Case

Top design metal protection cabinet with rounded design and painted with anti-corrosion polyester powders:

Color White

- Cover RAL 9002
- Top and supports RAL 7044.

Color Grey

- Cover FIAT 656
- Top and supports RAL 7031.

The air distribution grid is adjustable. The fan coil switches off automatically when the grid is closed.

Ventilation group

Comprised of a dual intake centrifugal fan that is particularly silent, statically and dynamically balanced and directly coupled to the motor shaft.

The motor is wired for single phase and has three speeds, with capacitor. The motor is fitted on sealed for life bearings and is secured on anti-vibration and self-lubricating mountings.

The scroll that protects the fan can be extracted and inspected, for easy and effective cleaning.

Heat exchanger coil

With copper pipes and aluminium fins, the main coil has female gas water connections on the left side and the manifolds have air vents. The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

■ The hydraulic connections can be inverted during installation.

Condensate drip

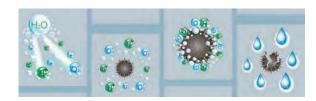
Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Air filter

The fan coils have, as standard, precharged electrostatic filters. These filters, thanks to their special execution, attracts and retains all suspended dust particles, thus garanteeing pure breathable air to the whole family. In the PC and PCM versions, air purification is guaranteed by the Cold Plasma air purifier.

The purifier is able to reduce pollutants, decomposing their molecules using electrical charges, causing the water molecules in the air to split into positive and negative ions. These ions neutralise the molecules in the gaseous pollutants, obtaining products normally present in clean air. The device is able to eliminate 90% of the bacteria. The result is clean, ionized air, free of foul odours.

55



ACCESSORIES

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

FMT10: Electronic thermostat for fan coil in to 2/4 pipe systems.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

PX2: Commutator switch.

PX2C6: Commutator switch. Kit to 6 pz.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SIT3: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel (selector or thermostat). Commands the 3 fan speeds and must be installed on each fan coil within the network: receives the commands from the selector or the SIT5 card.

SIT5: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel. Commands the 3 fan speeds and up to 2 valves (four pipe systems); sends the thermostat's commands to the fan coil network.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

SWA: External probe accessory SWA (length L = 6m). It detects the temperature of the room air if connected to the connector (A) of the FMT21 panel. The room air temperature probe, incorporated in the panel, is automatically disabled. It detects the temperature of the water in the system for ventilation consent if connected to the connector (W) of the FMT21 panel. Two SWA probes can be connected simultaneously to the FMT21 panel.

TPF: Electronic thermostat, black, with thermostated or continuous

TPFW: Electronic thermostat, white, with thermostated or continuous ventilation.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet). WMT05: Electronic thermostat with thermostated ventilation.

WMT10: Electronic thermostat, white, with thermostated or continuous ventilation.

VMF-E19: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E2H: User interface on the machine, to be combined with the VMF-E19 accessory.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (MFTAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IO: Manage the unit exclusively from a centralized VMF control panel without area control panel.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

VMF-LON: Expansion allowing the thermostat to interface with BMS systems that use the LON protocol.

VMF-SIT3: Interface card that permits connecting the VMF-E19 thermostats to a fan coil with a high power motor.

AMP: Wall mounting kit

DSC: Condensate drainage device.

VCH: 3-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCHD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

BC: Condensate drip.

PCH: Panel closing the rear of the unit white

ZH1: White skirting for floor mounting.

ZH1B: White feet for floor mounting with skirting board.

ZH1M: Grey feet for floor mounting.

ZH1MB: Grey feet for floor mounting with skirting board.

■ Compatibility with VMF system: for more information about the system, refer to the dedicated documentation.

ACCESSORIES COMPATIBILITY

110010001111100011					
Model	Ver	11	16	26	36
AER503IR (1)	S,SM	•	•	•	•
FMT10	S,SM	•	•	•	•
PR0503	S,SM	•	•	•	•
PX2	S,SM	•	•	•	•
PX2C6 (2)	S,SM	•	•	•	•
SA5 (3)	S,SM	•	•	•	•
SIT3 (4)	S,SM	•	•	•	•
SIT5 (5)	S,SM	•	•	•	•
SW3 (3)	S,SM	•	•	•	•
SW5 (3)	S,SM	•	•	•	•
SWA	S,SM	•	•	•	•
TPF	S,SM	•	•	•	•
TPFW	S,SM	•	•	•	•
TX (1)	S,SM	•	•	•	•
WMT05	S,SM	•	•	•	•
WMT10	S,SM	•	•	•	•

- (1) Wall-mount installation
- (2) Only wall-mount installation
- (3) Probe for AERSO3IR-TX thermostats, if fitted.

 (4) Cards for AERSO3IR-TX thermostats, if fitted.

 (5) Probe for AERSO3IR-TX thermostats, if fitted.

VMF system					
Model	Ver	11	16	26	36
VMF-E19	S,SM	•	•	•	•
VMF-E2H	S,SM	•	•	•	•
VMF-E3	S,SM	•	•	•	•
VMF-E4DX	S,SM	•	•	•	•
VMF-E4X	S,SM	•	•	•	•

VIVIT-E4DA	3,3101	•	•	•	<u> </u>
VMF-E4X	S,SM	•	•	•	•
VMF-I0	S,SM	•	•	•	•
VMF-IR	S,SM	•	•	•	•
VMF-LON	S,SM	•	•	•	•
VILLE CITO (4)	6.611				

 $(1) \ \ For the selection, consult the documentation for the thermostat and the fan coil.$

Condensate drip

Ver	11	16	26	36
HL,L,LM,M,N,NM,PC,PCM,S,SM	BC10 (1)	BC10 (1)	BC10 (1)	BC10 (1)

(1) For vertical installation.

Condensate drainage

Accessory	HL11
DSC5 (1)	•

(1) The accessory cannot be fit if the accessory BC10 or BC20 is installed.

Wall mounting kit

Accessory	HL11	HL16	HL26	HL36
AMP10	•	•	•	•
3 way valve kit				

Accessory	HL11	HL16	HL26	HL36
VCH	•	•	•	•

2 way valve kit

Accessory	HL11	HL16	HL26	HL36
VCHD	•	•	•	•

Pair of stylish structural feet

Model	Ver	11	16	26	36
H1	HL,L,N,PC,S	•	•	•	•
Nodel .	Ver	11	16	26	36
H1B	HL,L,N,PC,S	•	•	•	•
lodel	Ver	11	16	26	36
H1M	LM,M,NM,PCM,SM	•	•	•	•
lodel	Ver	11	16	26	36
H1MB	LM,M,NM,PCM,SM				

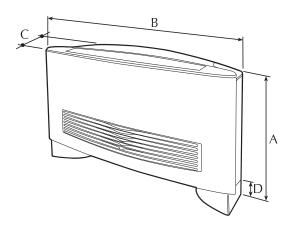
PERFORMANCE SPECIFICATIONS

2-pipe

			HL11			HL16			HL26	-		HL36	
		1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)													
Heating capacity	kW	1,06	1,46	2,01	1,54	2,12	2,91	2,89	3,83	4,62	3,53	4,87	5,94
Water flow rate system side	l/h	93	128	176	135	186	255	254	336	405	310	427	521
Pressure drop system side	kPa	1	1	2	1	2	4	5	8	11	3	5	7
Heating performance 45 °C / 40 °C (2)													
Heating capacity	kW	0,52	0,73	1,00	0,73	1,05	1,90	1,44	1,90	2,29	1,75	2,42	2,95
Water flow rate system side	l/h	92	126	174	126	183	331	249	331	399	305	420	513
Pressure drop system side	kPa	1	1	2	1	3	8	5	8	11	7	13	18
Cooling performance 7 °C / 12 °C (3)													
Cooling capacity	kW	0,53	0,67	0,82	0,69	0,87	1,17	1,26	1,65	1,99	1,63	2,26	2,79
Sensible cooling capacity	kW	0,38	0,52	0,68	0,52	0,69	0,96	0,97	1,30	1,61	1,13	1,59	2,00
Water flow rate system side	l/h	94	117	145	122	153	206	220	289	349	286	394	487
Pressure drop system side	kPa	1	2	2	2	3	5	5	8	11	7	13	19
Fan													
Туре	type						Centr	ifugal					
Fan motor	type						On-	-Off					
Number	no.		1			1			2	-		2	
Air flow rate	m³/h	80	120	180	110	160	240	190	270	350	240	350	460
Input power	W	8	12	18	23	25	32	24	27	35	30	35	42
Fan coil sound data (4)													
Sound power level	dB(A)	31,0	37,0	46,0	34,0	43,0	48,0	35,0	43,0	48,0	34,0	43,0	50,0
Sound pressure	dB(A)	23,0	29,0	38,0	26,0	35,0	40,0	27,0	35,0	40,0	26,0	33,0	40,0
Diametre hydraulic ÿ ttings													
Main coil	Ø						1/	2"					
Power supply													
Power supply							230V-	~50Hz					

- (1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
 (2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
 (3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
 (4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

DIMENSIONS



Size		11	16	26	36
Dimensions and weights					
A	mm	600	605	615	623
В	mm	640	750	980	1200
C	mm	187	189	191	198
D	mm	93	93	93	93
Empty weight	kg	14	15	18	21

















Omnia ULS

Vertical wall-mounting or freestanding installation



- Compact dimensions, thickness 129 mm
- · Low operating temperature
- · Cooling, heating, and dehumidification





DESCRIPTION

The Omnia Slim fan coils have been designed to meet the need to combine the typical features of a classic radiator - namely reduced depth and quiet operation - with the ability of a fan coil to air-condition rooms throughout the year.

They can be installed on any system with a 2-pipe system and it fits with any heat generator even at low temperatures, and thanks to varied versions and settings, it is easy to pick the ideal solution for any need.

VERSIONS

ULS Standard without control board

ULS_C With on-board thermostat

FEATURES

Case

Structure in sheet metal, 12/10 and 8/10 mm.

Front cover in 8/10 mm galvanised sheet metal with RAL9003 white epoxy powder coating and thermal-acoustic insulation of 13 mm thickness.

Ventilation group

These fan coils have extremely silent ventilation by using special tangential fans, which guarantees maximum acoustic comfort.

The electric motor is a 3-speed single-phase motor with a permanently inserted condenser.

Heat exchanger coil

With copper pipes and aluminium fins, the main coil has female gas water connections on the left side and the manifolds have air vents. The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

■ The coil has hydraulic connections on the left and is not reversible.

Control

With thermostatic adjustment and manual or no-adjustment switching, for combination with any wall panel or with the AERMEC VMF system.

ACCESSORIES

AERS03IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SW3: Water temperature probe (L = 2.5 m).

SW5: Water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

T-TOUCH-S: Touch control installation on-board the fan coil. The ThermApp application is also available for remote control with smart devices with the Android operating system.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

TXBS: Thermostat installation on the fan coil.

KITSV: Kit for installing the VMF-E0X or VMF-E19.

VMF-E19: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E2S: User interface on the fan coil, with two selectors - one for temperature and the other for speed control. For operation, the installation of either the VMF-E0X or the VMF-E19 accessory is required.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

BCSV: Condensate collection tray, for valve kit.

DSC7: Condensate drainage device.

VCS2: 2-way motorised valve kit without insulating shell. The kit is made up of a valve, actuator and relative hydraulic fittings.

VCS3: 3-way motorised valve kit without insulating shell for the main coil. The kit is made up of a valve with its insulating shell, actuator and relative hydraulic fittings.

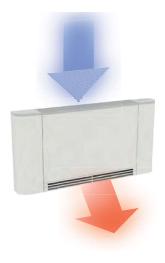
ZXS: Pair of stylish and structural feet.

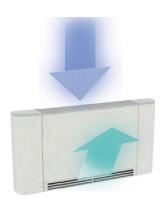
MAIN FEATURES



- 1 Air/water exchange coils with aluminium fins and copper piping, arranged across 2 rows.
- 2 Front cover in 8/10 mm galvanised sheet metal with RAL9003 white epoxy powder coating and thermal-acoustic insulation of 13 mm thickness.
- 3 Plastic recovery grille with air filter.
- 4 Tangential fan driven by a 3-speed motor.
- 5 Aluminium recovery grille and sheet metal delivery grille, with a special design conceived to create a homogeneous flow of air, both in summer and winter operation.

Flow rates





AC	CEC	CODI	EC C	ОМРА	TIDII	ITV
A()	L F-5'	SORI	F > ()	DIMPA	HIKH	1 I Y

Model	Ver	10	20	30	40	50
AER503IR (1)	ULS	•	•	•	•	•
PR0503	ULS	•	•	•	•	•
SA5 (2)	ULS	•	•	•	•	•
SW3 (2)	ULS	•	•	•	•	•
SW5 (2)	ULS	•	•	•	•	•
T-TOUCH-S (3)	ULS	•	•	•	•	•
TX (1)	ULS	•	•	•	•	•
TXBS (3)	ULS	•	•	•	•	•

- (1) Wall-mount installation.(2) Probe for AER503IR-TX thermostats, if fitted.(3) Installation on the fan coil.

VMF system

Model	Ver	10	20	30	40	50
KITSV (1)	ULS	•	•	•	•	•
VMF-E19	ULS	•	•	•	•	•
VMF-E2S (2)	ULS	•	•	•	•	•
VMF-E3	ULS	•	•	•	•	•
VMF-E4DX	ULS	•	•	•	•	•
VMF-E4X	ULS	•	•	•	•	•
VMF-IR	ULS	•	•	•	•	•

- (1) Mandatory when the VMF-E19 or VMF-E0X thermostat is required. (2) Installation on the fan coil.

3 way valve kit

Model	Ver	10	20	30	40	50
VCS3 (1)	ULS,ULS_C	•	•	•	•	•

(1) Power supply 230V - Hydraulic connections Ø 1/2"

2 way valve kit

Model	Ver	10	20	30	40	50
VCS2 (1)	ULS,ULS_C	•	•	•	•	•

(1) Power supply 230V - Hydraulic connections Ø 1/2"

Condensate drip

Model	Ver	10	20	30	40	50
BCSV	ULS.ULS C	•	•	•	•	•

Condensate drainage

Model	Ver	10	20	30	40	50
DSC7	ULS,ULS_C	•	•	•	•	•
Discouling and the	5					
Pair of stylish structural f	eet					

Model	Ver	10	20	30	40	50
ZXS	ULS,ULS_C	•	•	•	•	•

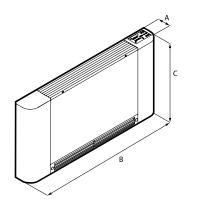
PERFORMANCE SPECIFICATIONS

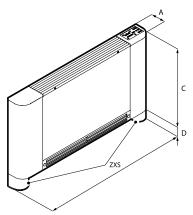
2-pipe

		ULS10			ULS20			ULS30			ULS40			ULS50	
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
	L	М	Н	L	M	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)															
Heating capacity kW	0,61	1,16	1,64	1,14	2,18	3,08	1,48	2,84	4,00	1,89	3,64	5,13	2,27	4,37	6,15
Water flow rate system side I/h	53	102	144	99	191	269	129	248	350	166	318	448	199	382	538
Pressure drop system side kPa	1	4	7	4	11	21	3	8	15	4	13	25	3	9	16
Heating performance 45 °C / 40 °C (2)															
Heating capacity kW	0,30	0,58	0,82	0,56	1,09	1,53	0,73	1,41	1,99	0,94	1,81	2,55	1,13	2,17	3,06
Water flow rate system side I/h	52	101	142	98	189	266	128	245	346	164	315	443	196	378	532
Pressure drop system side kPa	1	4	7	4	12	22	3	9	16	4	14	26	3	9	17
Cooling performance 7 °C / 12 °C (3)															
Cooling capacity kW	0,30	0,57	0,80	0,55	1,07	1,50	0,72	1,38	1,95	0,92	1,78	2,50	1,11	2,13	3,00
Sensible cooling capacity kW	0,22	0,43	0,62	0,42	0,81	1,17	0,54	1,05	1,52	0,69	1,35	1,95	0,83	1,62	2,34
Water flow rate system side I/h	51	97	137	95	183	257	124	238	335	158	305	429	190	366	515
Pressure drop system side kPa	1	4	8	4	13	25	3	10	18	5	16	29	3	10	19
Fan															
Type type								Tangential							
Fan motor type							A	synchronou	IS						
Number no.		1			1			1			2			2	
Air flow rate m³/h	47	86	115	87	158	210	111	203	270	144	263	350	161	293	390
Input power W	9	16	21	15	21	32	17	32	42	22	40	53	18	26	56
Electrical wiring	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3
Fan coil sound data (4)															
Sound power level dB(A	42,0	49,0	52,0	42,0	49,0	52,0	43,0	50,0	53,0	44,0	51,0	54,0	45,0	52,0	55,0
Water coil															
Water content main coil		0,5			0,9			1,2			1,8			1,5	
Diametre hydraulic ÿ ttings															
Main coil Ø	1/2"														
Power supply															
Power supply								230V~50Hz	!						

- (1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
 (2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
 (3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
 (4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

DIMENSIONS





Size			10	20	30	40	50
Dimensions and weights							
A	ULS,ULS_C	mm	130	130	130	130	130
В	ULS,ULS_C	mm	745	940	1134	1328	1524
(ULS,ULS_C	mm	580	580	580	580	580
D	ULS,ULS_C	mm	80	80	80	80	80
Empty weight	ULS,ULS_C	kg	11	13	15	17	19

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Omnia UL

Universal and floor installation



- · Fully silent functioning
- Ideal for residential or office solutions





DESCRIPTION

Fan coils with inverter technology for heating, cooling, and dehumidifying. Equipped with a state of the art ventilation unit with continuous modulation of the air flow rate, which allows for precise adaptation of the actual indoor ambient requirements without temperature oscillations, for increased comfort, also in terms of noise, and electrical savings

It can be installed on 2-pipe systems and combined with any heat generator even at low temperatures. Choosing the optimal solution for any requirement is easy thanks to the various versions available and to the possibility of horizontal or vertical installation, depending on the version.

VERSIONS

C Vertical installation, intake at base, electronic thermostat

PC Vertical installation, intake at base, electronic thermostat, Cold Plasma purifier

S Vertical and horizontal installation, intake at base, without commands **UL** Standard - Vertical installation, bottom intake, manual switch-over

FEATURES

Case

Protective metal cabinet with anti-corrosion polyester RAL 9002 paint, whereas the head with the air distribution grille is in RAL 7047 plastic.

Ventilation group

Comprised of a dual intake centrifugal fan that is particularly silent, statically and dynamically balanced and directly coupled to the motor shaft.

The electric motor is single-phase multi-speed (3 selectable), mounted on anti-vibration supports and with a permanently inserted capacitor. The plastic augers are extractable for easy and efficient cleaning.

Heat exchanger coil

With copper pipes and aluminium fins, the main coil has female gas water connections on the left side and the manifolds have air vents. The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

■ The hydraulic connections can be inverted during installation.

Condensate drip

clean, ionized air, free of foul odours.

Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Air filte

The fan coils have, as standard, precharged electrostatic filters. These filters, thanks to their special execution, attracts and retains all suspended dust particles, thus garanteeing pure breathable air to the whole family. **APC versions equipped with Coldplasma Air purifier.**

The purifier is able to reduce pollutants, decomposing their molecules using electrical charges, causing the water molecules in the air to split into positive and negative ions. These ions neutralise the molecules in the gaseous pollutants, obtaining products normally present in clean air. The device is able to eliminate 90% of the bacteria. The result is

ACCESSORIES

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

WMT05: Electronic thermostat with thermostated ventilation.

WMT10: Electronic thermostat, white, with thermostated or continuous ventilation.

VMF-EOX: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E2D: User interface on the machine, to be combined with the VMF-E19 accessory.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

AMP: Wall mounting kit

DSC: Condensate drainage device.

VCH: 3-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCHD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

BC: Condensate drip.

GU: Intake grid covers the front space between the ornamental feet and does not interfere with the filter.

PCU: Sheet metal panel closing the rear of the unit.

ZU: Pair of stylish and structural feet.

ACCESSORIES COMPATIBILITY

Model	Ver	11	16	26	36
AER503IR (1)	5	•	•	•	•
PR0503	S	•	•	•	•
SA5 (2)	S	•	•	•	•
SW3 (2)	C,PC	•	•	•	•
SW5 (2)	S	•	•	•	•
TX (1)	S	•	•	•	•
WMT05	S	•	•		
WMT10	S	•		•	•

- (1) Wall-mount installation.(2) Probe for AER503IR-TX thermostats, if fitted.

VMF system

Model	Ver	11	16	26	36
VMF-E0X (1)	S	•	•	•	•
VMF-E2D	S	•	•	•	•
VMF-E3	S	•	•	•	•
VMF-E4DX	S	•	•	•	•
VMF-E4X	S	•	•	•	•
VMF-IR	S	•	•	•	•

(1) Also the accessory VMF-SIT3 is mandatory if the unit exceeds 0.7 Amperes.

Condensate drip

Model	Ver	11	16	26	36
BC10 (1)	C,PC,S,UL	•	•	•	•
BC20 (2)	C.PC.S.UI	•	•	•	•

- (1) For vertical installation.
- (2) For horizontal installation

Condensate drainage

Model	Ver	11	16	26	36
DSC5 (1)	C,PC,S,UL	•	•	•	•

(1) The accessory cannot be fit if the accessory BC10 or BC20 is installed.

3 way valve kit

Muuei	vei	III .	10	20	30
VCH	C,PC,S,UL	•	•	•	•

2 way valve kit

Model	Ver	11	16	26	36
VCHD	C,PC,S,UL	•	•	•	•

Wall mounting kit					
Model	Ver	11	16	26	36
AMP10	C,PC	•	•	•	•

Panel closing the rear of the unit

Ver	11	16	26	36
C,PC,S,UL	PCU10	PCU15	PCU25	PCU35
Intake grids				
Ver	11	16	26	36

GU15 (1)

GU25 (1)

GU35 (1)

GU10 (1) (1) The combination with a pair of stylish and structural feet is mandatory.

Pair of stylish structural feet

Model	Ver	11	16	26	36
ZU	C,PC,S,UL	•	•	•	•

Configuration

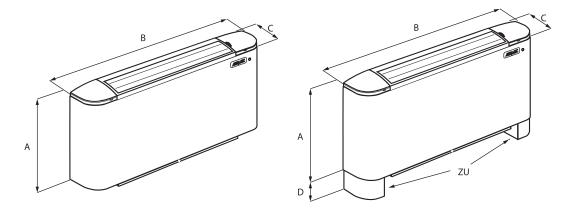
Field	Description
1,2	UL
3,4	Size 11, 16, 26, 36
5	Version
C	Vertical installation, intake at base, electronic thermostat
PC	Vertical installation, intake at base, electronic thermostat, Cold Plasma purifier
S	Vertical and horizontal installation, intake at base, without commands
UL	Standard - Vertical installation, bottom intake, manual switch-over

PERFORMANCE SPECIFICATIONS

		UL11				UL16		UL26			UL36		
		1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	M	Н	L	M	Н
Heating performance 70 °C / 60 °C (1)													
Heating capacity	kW	1,06	1,46	2,01	1,54	2,12	2,91	2,89	3,83	4,62	3,53	4,87	5,94
Water flow rate system side	l/h	93	128	176	135	186	255	254	336	405	310	427	521
Pressure drop system side	kPa	1	1	2	1	2	4	5	8	11	3	5	7
Heating performance 45 °C / 40 °C (2)													
Heating capacity	kW	0,52	0,73	1,00	0,76	1,05	1,44	1,44	1,90	2,29	1,75	2,42	2,95
Water flow rate system side	l/h	92	126	174	133	183	251	249	331	399	305	420	513
Pressure drop system side	kPa	1	1	2	2	2	2	5	8	11	7	12	18
Cooling performance 7 °C / 12 °C (3)													
Cooling capacity	kW	0,53	0,67	0,82	0,69	0,87	1,17	1,26	1,65	1,99	1,63	2,26	2,79
Sensible cooling capacity	kW	0,38	0,52	0,68	0,52	0,69	0,96	0,97	1,30	1,61	1,13	1,59	2,00
Water flow rate system side	I/h	94	117	145	122	153	206	220	289	349	286	394	487
Pressure drop system side	kPa	1	2	2	2	3	5	6	8	11	7	13	19
Fan													
Туре	type						Asynch	ronous					
Fan motor	type						Centr	ifugal					
Number	no.		1			1			2			2	
Air flow rate	m³/h	80	120	180	110	160	240	190	270	350	240	350	460
Input power	W	8	12	18	23	25	32	24	27	35	30	35	42
<u>Electrical wiring</u>		V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3
Sound power level	dB(A)	31,0	37,0	46,0	34,0	43,0	48,0	35,0	43,0	48,0	34,0	43,0	50,0
Sound pressure level (10 m)	dB(A)	23,0	29,0	38,0	26,0	35,0	40,0	27,0	35,0	40,0	26,0	33,0	42,0
Water coil													
Water content			0,30			0,40			0,60			0,80	
Diametre hydraulic fittings													
Main coil	Ø	1/2″											
Power supply													
Power supply							230V	~50Hz					

⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C (2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT (3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT

DIMENSIONS



Size			11	16	26	36
Dimensions and weights						
A	C,PC,S,UL	mm	513	513	513	513
В	C,PC,S,UL	mm	640	750	980	1200
C	C,PC,S,UL	mm	173	173	173	173
D	C,PC,S,UL	mm	93	93	93	93
Empty weight	C,PC,S,UL	kg	12	14	16	20

















Omnia ULI

Universal and floor installation



- Electric saving equal to 50% compared to a fancoil with 3-speed motor.
- Fully silent functioning
- Ideal for residential or office solutions





DESCRIPTION

Fan coils with inverter technology for heating, cooling, and dehumidifying. Equipped with a state of the art ventilation unit with continuous modulation of the air flow rate, which allows for precise adaptation of the actual indoor ambient requirements without temperature oscillations, for increased comfort, also in terms of noise, and electrical savings

It can be installed on 2-pipe systems and combined with any heat generator even at low temperatures. Choosing the optimal solution for any requirement is easy thanks to the various versions available and to the possibility of horizontal or vertical installation, depending on the version.

VERSIONS

C Vertical installation, intake at base, electronic thermostat

PC Vertical installation, intake at base, electronic thermostat, Cold Plasma purifier

S Vertical and horizontal installation, intake at base, without commands

FEATURES

Case

Protective metal cabinet with anti-corrosion polyester RAL 9002 paint, whereas the head with the air distribution grille is in RAL 7047 plastic.

Ventilation group

Comprised of a dual intake centrifugal fan that is particularly silent, statically and dynamically balanced and directly coupled to the motor

Brushless motor with continuous speed variation 0-100%.

The scroll that protects the fan can be extracted and inspected, for easy and effective cleaning.

Heat exchanger coil

With copper pipes and aluminium fins, the main coil has female gas water connections on the left side and the manifolds have air vents. The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

■ The hydraulic connections can be inverted during installation.

Condensate drip

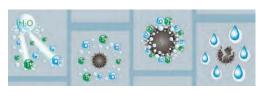
Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Air filte

The fan coils have, as standard, precharged electrostatic filters. These filters, thanks to their special execution, attracts and retains all suspended dust particles, thus garanteeing pure breathable air to the whole family. **APC versions equipped with Coldplasma Air purifier.**

The purifier is able to reduce pollutants, decomposing their molecules using electrical charges, causing the water molecules in the air to split into positive and negative ions. These ions neutralise the molecules in the gaseous pollutants, obtaining products normally present in clean

air. The device is able to eliminate 90% of the bacteria. The result is clean, ionized air, free of foul odours.



ACCESSORIES

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant

floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

VMF-E19I: Thermostat for inverter unit to be fixed on the side of the fan coil, fitted as standard with an air and water probe.

VMF-E2D: User interface on the machine, to be combined with the VMF-E19 accessory.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

AMP: Wall mounting kit

DSC: Condensate drainage device.

VCH: 3-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCHD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

BC: Condensate drip.

GU: Intake grid covers the front space between the ornamental feet and does not interfere with the filter.

PCU: Sheet metal panel closing the rear of the unit.

ZU: Pair of stylish and structural feet.

26

36

ACCESSORIES COMPATIBILITY

Model	Ver	16	26	36
AER503IR (1)	ς	•	•	•
PR0503	S	•	•	•
SA5 (2)	S	•	•	•
SW3 (2)	C,PC,S	•	•	•
SW5 (2)	S	÷	•	•
TX (1)	S	•	•	•

- (1) Wall-mount installation.(2) Probe for AER503IR-TX thermostats, if fitted.

VMF system

Model	Ver	16	26	36
VMF-E19I	S	•	•	•
VMF-E2D	S	•	•	•
VMF-E3	S	•	•	•
VMF-E4DX	S	•	•	•
VMF-E4X VMF-IR	S	•	•	•
VMF-IR	ς	•	•	

Condensate drip

Model	Ver	16	26	36
BC10 (1)	C,PC,S	•	•	•
BC20 (2)	C,PC,S	•	•	•

- (1) For vertical installation.(2) For horizontal installation.

Condensate drainage

Model	Ver	16	26	36
DSC5 (1)	C,PC	•	•	•

(1) The accessory cannot be fit if the accessory BC10 or BC20 is installed.

Ver

3 way valve kit

Model	Ver	16	26	36
VCH	C,PC	•	•	•

2 way valve kit Model

VCHD

Wall mounting kit				
Model	Ver	16	26	36

16

Pair of stylish stru	cturai teet			
Model	Ver	16	26	36
ZU	C.PC.S	•	•	•

Configuration

Field	Description
1,2,3	ULI
15	Size
7,3	16, 26, 36
6	Version
С	Vertical installation, intake at base, electronic thermostat
PC	Vertical installation, intake at base, electronic thermostat, Cold Plasma purifier
S	Vertical and horizontal installation, intake at base, without commands

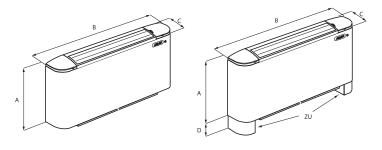
PERFORMANCE SPECIFICATIONS

2-pipe

			ULI16			ULI26			ULI36	
		1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	H
Heating performance 70 °C / 60 °C (1)										
Heating capacity	kW	1,54	2,12	2,91	2,89	3,83	4,62	3,53	4,87	5,94
Water flow rate system side	l/h	135	186	255	254	336	405	310	427	521
Pressure drop system side	kPa	1	2	4	5	8	11	3	5	7
Heating performance 45 °C / 40 °C (2)										
Heating capacity	kW	0,76	1,05	1,44	1,44	1,90	2,29	1,75	2,42	2,95
Water flow rate system side	l/h	133	183	251	249	331	399	305	420	513
Pressure drop system side	kPa	2	2	2	5	8	11	7	12	18
Cooling performance 7 °C / 12 °C (3)										
Cooling capacity	kW	0,69	0,87	1,17	1,26	1,65	1,99	1,63	2,26	2,79
Sensible cooling capacity	kW	0,52	0,69	0,96	0,97	1,30	1,61	1,13	1,59	2,00
Water flow rate system side	l/h	122	153	206	220	289	349	286	394	487
Pressure drop system side	kPa	2	3	5	6	8	11	7	13	19
Fan										
Type t	type					Centrifugal				
Fan motor t	type					Inverter				
	no.		1			2			2	
Air flow rate r	m³/h	110	160	240	190	270	350	240	350	460
Input power	W	23	25	32	24	27	35	30	35	42
Signal 0-10V	%	38	56	83	49	70	90	48	70	90
	dB(A)	34,0	43,0	48,0	35,0	43,0	48,0	34,0	43,0	50,0
Sound pressure level (10 m)	dB(A)	26,0	35,0	40,0	27,0	35,0	40,0	26,0	33,0	42,0
Water coil										
Water content	1		0,40			0,60			0,80	
Diametre hydraulic fittings										
Main coil	Ø					1/2"				
Power supply										
Power supply						230V~50Hz				

- (1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C (2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT (3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT

DIMENSIONS



Size			16	26	36
Dimensions and weights					
A	C,PC,S	mm	513	513	513
В	C,PC,S	mm	750	980	1200
С	C,PC,S	mm	173	173	173
D	C,PC,S	mm	93	93	93
Empty weight	C,PC,S	kg	14	16	20

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OMNIA RADIANT

Fan coils with radiant panel for residential use

Ceiling or floor mounted



- Low temperature radiation*
- Ventilated heating
- · Cooling dehumidification
- Energy saving
- Low operating cost
- * Radiant technology under licence





FEATURES

Omnia Radiant and Omnia Radiant Plus Aermec innovative solutions

In this particular worldwide market evolution, we are pleased to present to you OMNIA Radiant, which represents the innovation of the OMNIA AERMEC series, fan coils especially designed for residential comfort.

OMNIA Radiant inherits all the advantages of the OMNIA UL series, and is characterized by the introduction of the frontal plate for radiant heating.

OMNIA Radiant Plus is provided with the DC Brushless electric engine, equipped with the latest Inverter technology, granting the highest energy efficiency and able to regulate the air flow through the continuous fan speed modulation. This allows to achieve up to 60% in energy saving when compared to the traditional On-Off fan system, in both air conditioning and heating.

OMNIA Radiant and Radiant Plus offer the following advantages when compared to the traditional systems:

- the radiant plate combination the finned coil allows the best winter comfort with the lower energy consumption because it provides heating with lower water temperature: only 45°C against the about 65°C needed for the traditional radiator. This not only increases the comfort for the user, but also significantly increases the overall efficiency in case of heat pumps usage;
- the fan system allows to quickly reach the desired temperature, meeting the requirement of a fast start-up;
- the unit can be combined other than the boiler, also to energy saving heat pumps: air to water, water to water and geothermic type;
- the electrostatic charge filter standard supplied, provides pure and clean air;
- during summer Omnia Radiant and Radiant Plus provide air conditioning and dehumidification in a fast and efficient way in every room.

The four different working modes of Omnia Radiant annual functioning

Radiant

Heating through radiation, comfortable and noiseless, is granted by the radiant plate placed on the front of the fan coil cover; if necessary, the triple-fins delivery head can be closed to increases the heating of the plate, thus maximizing the radiant effect.

Radiant + Natural Convection

With the triple-fins open, heating through natural convection, obtained thanks to the bigger coil exchange surface, is added to the radiant heating.

As for the radiant-only mode (see above), the fan groups are in off mode. This results in acoustic comfort and energy saving.

Radiant + Forced Convection

The electronic regulation, precise and reliable, continuously compares the effective indoor temperature with the desired temperature: whenever the difference between the two should prove to be too high (e.g. during the heating system start-up) the software will lead the fan system start-up. Start-up is fast and efficient and grants significant energy savings especially in rooms that are occasionally used.

Omnia Radiant during summer provides air conditioning and dehumidification:







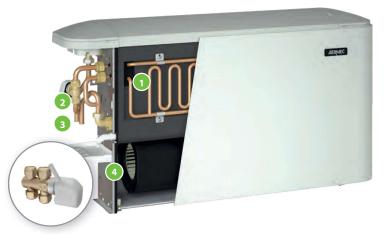


Forced Convection

During summer, Omnia Radiant and Radiant Plus provide air conditioning and dehumidification for each room of the house in a fast and efficient way. Efficiency and quietness benefit from the quality that has always characterized the Omnia series.

FEATURES OF THE OMNIA RADIANT SERIES

- Radiant plate
- Switching valve
- Water probe
- Condensate storage container, hydraulic hoses



VCHRAD accessory

OMNIA radiant (UL_R) standard features:

- Radiant panel
- Centrifugal fans
- Three-speed motor
- Condensate storage container, hydraulic hoses
- Switching valve
- Water probe
- Electro-statically preloaded filter
- VMF-thermostat for asynchronous motor
- Compatible with VMF system

OMNIA radiant plus (UL_RI) standard features:

- Radiant panel
- Centrifugal fans
- Electric DC Brushless motor with Inverter
- Condensate storage container, hydraulic hoses
- Water probe
- Switching valve
- Electro-statically preloaded filter
- VMF thermostat for DC Brushless motor
- Compatible with VMF system

ACCESSORIES

PCU: Rear closing panel.

ZU: Wedges for floor mount.

GU: Exhaust grille: covers the front space of the wedges and does not interfere with the air filter. **Must be combined with ZU wedges.**

Cleaning the fan

The fan blades on the Omnia Radiant are easy to clean. As a matter of fact, the new versions now offer the possibility of opening the worm screw of the fan (the casing that encloses the blades) to perform routine cleaning.

Electro-statically preloaded filter

The Omnia Radiant fan coils feature standard air filters that are electro-statically preloaded. These filters, thanks to their particular construction, absorb and trap floating dust: the ideal system to provide clean air for all the family.

Silent operation

Thanks to special centrifugal fans, Omnia Radiant fan coils are incredibly silent, making them the best buy when it comes to acoustic comfort, given the total lack of peak noise. "The heating by radiation at top speed ensures total silence regime"

Note: The coil had hydraulic hoses on the left and is not reversible.

VCHRAD: Kit comprising motorized 3-way valve, unions and copper pipes. **VMF System:** Its specs are described in its technical sheet.

ACCESSORIES COMPATIBILITY

	Omnia radiant		Omnia Ra	diant plus
	UL26R	UL36R	UL26RI	UL36RI
PCU	25	35	25	35
GU	25	35	25	35
VCHRAD	÷	•	•	•
ZU	•	•	•	•
VMF system				
VMF-E4X (compulsory accessory)	•	•	•	•
VMF-E4DX (compulsory accessory)	•	•	•	•
VMF-E5B	(1)	(1)	•	•
VMF-E5N	(1)	(1)	•	•

(1) Contact us

TECHNICAL DATA

Omnia UL_R				26			36	
Fan speed			Н	М	L	Н	М	L
Heating Performance								
2 pipe conÿguration								
Heating capacity (70°C)	(1)	kW	4,62	3,83	2,89	5,94	4,87	3,53
Heating capacity (50°C)	(2)	kW		2,75			3,54	
Water flow rate		I/h		397			511	
Pressure drop Static heating power (70°C)	(3)	kPa kW		17 0,65			21 0,75	
Static heating power (70°C)	(4)	kW		0,89			0,75	
Static heating power (35°C)	(5)	kW		0,20			0,43	
Cooling Performance	(5)	KVV		0,20			0,23	
Total cooling capacity	(6)	kW	2,03	1,78	1,42	2,83	2,31	1,73
Sensible cooling capacity	(6)	kW	1,64	1,37	1,05	2,04	1,79	1,28
Water flow rate	(6)	I/h		349			487	·
Pressure drops	(6)	kPa		18			22	
Water content		1		0,8			1,1	
<u>Fans</u>								
Fans		type/n°			centrif			
Air flow rate		m³/h	350	270	190	460	350	240
Sound data	(7)	JD(A)	40	42	25		42	24
Sound processes level	(7)	dB(A)	48	43	35	50	43	34
Sound pressure level Diameter connections		dB(A)	40	35	27	40	33	26
Standard coil		Ø(mm)		14			14	
Electrical Features		(IIIII)		14			14	
Absorbed power		W		35			42	
Max. input current		A		0,18			0,22	
Electrical connections			V3	V2	V1	V3	V2	V1
Power supply	V/I	h/Hz			230V-			
Energy E° ciency classiÿ cation (EUROVENT)								
FCEER				D			D	
FCCOP	(8)			D			D	
Omnia UL_RI				26			36	
Fan speed			Н	26 M	L	Н	36 M	L
Fan speed Heating Performance			Н		L	Н		L
Fan speed Heating Performance 2 pipe conÿ guration	(1)	kW		M	-		М	L 3 53
Fan speed Heating Performance 2 pipe conÿ guration Heating capacity (70°C)	(1)	kW kW	H 4,62	M 3,83	L 2,89	H 5,94	M 4,87	L 3,53
Fan speed Heating Performance 2 pipe conÿ guration Heating capacity (70°C) Heating capacity (50°C)	(1) (2)	kW		M 3,83 2,75	-		4,87 3,54	L 3,53
Fan speed Heating Performance 2 pipe conÿ guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate		kW I/h		M 3,83	-		4,87 3,54 511	L 3,53
Fan speed Heating Performance 2 pipe conÿ guration Heating capacity (70°C) Heating capacity (50°C)		kW		3,83 2,75 397	-		4,87 3,54	L 3,53
Fan speed Heating Performance 2 pipe cony guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop	(2)	kW I/h kPa		3,83 2,75 397 17	-		4,87 3,54 511 21	3,53
Fan speed Heating Performance 2 pipe conÿ guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C)	(2)	kW I/h kPa kW		3,83 2,75 397 17 0,65	-		4,87 3,54 511 21 0,75	3,53
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance	(3) (4) (5)	kW I/h kPa kW kW	4,62	3,83 2,75 397 17 0,65 0,39 0,20	2,89	5,94	M 4,87 3,54 511 21 0,75 0,45 0,23	
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance Total cooling capacity	(2) (3) (4) (5)	kW I/h kPa kW kW kW	4,62	3,83 2,75 397 17 0,65 0,39 0,20	2,89	5,94	M 4,87 3,54 511 21 0,75 0,45 0,23	1,73
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity	(2) (3) (4) (5) (6) (6)	kW I/h kPa kW kW kW	4,62	3,83 2,75 397 17 0,65 0,39 0,20	2,89	5,94	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79	
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW kW	4,62	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349	2,89	5,94	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487	1,73
Fan speed Heating Performance 2 pipe cony guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops	(2) (3) (4) (5) (6) (6)	kW I/h kPa kW kW kW	4,62	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349	2,89	5,94	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22	1,73
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW kW	4,62	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349	2,89	5,94	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487	1,73
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW kW kW I/h kPa	4,62	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349	2,89 2,89 1,42 1,05	5,94 5,94 2,83 2,04	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22	1,73
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW I/h type/n°	2,03 1,64	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 1,42 1,05 centrif	5,94 2,83 2,04	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22 1,1	1,73 1,28
Fan speed Heating Performance 2 pipe conÿ guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans Air flow rate	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW kW kW I/h kPa	4,62	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349	2,89 2,89 1,42 1,05	5,94 5,94 2,83 2,04	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22	1,73
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans	(2) (3) (4) (5) (6) (6) (6) (6)	kW	2,03 1,64	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 2,89 1,42 1,05 centrif	2,83 2,04 ugal/2 460	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22 1,1	1,73 1,28
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans Air flow rate Sound data	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW I/h type/n°	2,03 1,64	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 1,42 1,05 centrif	5,94 2,83 2,04	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22 1,1	1,73 1,28
Fan speed Heating Performance 2 pipe cony guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans Fans Fans Sound data Sound power level	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW L/h kPa I type/n° m³/h dB(A)	2,03 1,64 350	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 1,42 1,05 centrif 190	2,83 2,04 ugal/2 460	M, 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22 1,1	1,73 1,28 240 34
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans Air flow rate Sound data Sound power level Sound pressure level	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW L/h kPa I type/n° m³/h dB(A)	2,03 1,64 350	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 1,42 1,05 centrif 190	2,83 2,04 ugal/2 460	M, 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22 1,1	1,73 1,28 240
Fan speed Heating Performance 2 pipe cony guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans Air flow rate Sound data Sound power level Sound pressure level Diameter connections Standard coil Electrical Features	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW kW type/n° m³/h dB(A) dB(A)	2,03 1,64 350	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 1,42 1,05 centrif 190	2,83 2,04 ugal/2 460	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22 1,1 350 43 33	1,73 1,28 240
Fan speed Heating Performance 2 pipe cony guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans Air flow rate Sound data Sound power level Diameter connections Standard coil Electrical Features Absorbed power	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW I/h kPa I Uh kPa I BBA dB(A) dB(A) W	2,03 1,64 350	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 1,42 1,05 centrif 190	2,83 2,04 ugal/2 460	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22 1,1 350 43 33 14	1,73 1,28 240
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (50°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans Air flow rate Sound data Sound power level Sound pressure level Diameter connections Standard coil Electrical Features Absorbed power Max. input current	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW I/h kPa I type/n° m³/h dB(A) dB(A)	2,03 1,64 350 48 40	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 1,42 1,05 centrif 190 35 27	2,83 2,04 ugal/2 460 50 40	M, 4,87 3,54 511 21 0,75 0,23 2,31 1,79 487 22 1,1 350 43 33	1,73 1,28 240 34 26
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (50°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans Air flow rate Sound power level Sound power level Sound pressure level Diameter connections Standard coil Electrical Features Absorbed power Max. input current Signal 0-10V	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW l/h kPa I Type/n° m³/h dB(A) dB(A) Ø(mm)	2,03 1,64 350	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 1,42 1,05 centrif 190 35 27	2,83 2,04 ugal/2 460 50 40	M 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22 1,1 350 43 33 14	1,73 1,28 240 34
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans Air flow rate Sound power level Sound power level Sound pressure level Diameter connections Standard coil Electrical Features Absorbed power Max. input current Signal 0-10V Power supply	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW kW I/h kPa I Uh kPa I BBA dB(A) dB(A) W	2,03 1,64 350 48 40	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 1,42 1,05 centrif 190 35 27	2,83 2,04 ugal/2 460 50 40	M, 4,87 3,54 511 21 0,75 0,23 2,31 1,79 487 22 1,1 350 43 33	1,73 1,28 240 34 26
Fan speed Heating Performance 2 pipe conÿ guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans Air flow rate Sound data Sound power level Sound pressure level Diameter connections Standard coil Electrical Features Absorbed power Max. input current Signal 0-10V Power supply Energy E° ciency classiÿ cation (EUROVENT)	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW l/h kPa I Type/n° m³/h dB(A) dB(A) Ø(mm)	2,03 1,64 350 48 40	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 1,42 1,05 centrif 190 35 27	2,83 2,04 ugal/2 460 50 40	M, 4,87 3,54 511 21 0,75 0,45 0,23 2,31 1,79 487 22 1,1 350 43 33 14	1,73 1,28 240 34 26
Fan speed Heating Performance 2 pipe con'y guration Heating capacity (70°C) Heating capacity (50°C) Water flow rate Pressure drop Static heating power (70°C) Static heating power (35°C) Cooling Performance Total cooling capacity Sensible cooling capacity Water flow rate Pressure drops Water content Fans Fans Air flow rate Sound power level Sound power level Sound pressure level Diameter connections Standard coil Electrical Features Absorbed power Max. input current Signal 0-10V Power supply	(2) (3) (4) (5) (6) (6) (6) (6)	kW I/h kPa kW kW l/h kPa I Type/n° m³/h dB(A) dB(A) Ø(mm)	2,03 1,64 350 48 40	3,83 2,75 397 17 0,65 0,39 0,20 1,78 1,37 349 18 0,8	2,89 1,42 1,05 centrif 190 35 27	2,83 2,04 ugal/2 460 50 40	M, 4,87 3,54 511 21 0,75 0,23 2,31 1,79 487 22 1,1 350 43 33	1,73 1,28 240 34 26

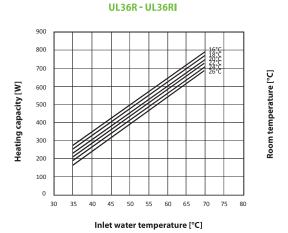
- H max. speed; M med. speed; L min. speed
 (1) Room air 20°C b.s.; Water (in/out) 70°C/60°C;
 (2) Room air 20°C b.s.; Water (in) 50°C; Water flow rate as in cooling mode (EUROVENT)
 (3) Radiant power + natural convection; Hot water (in) 70°C (water flow same as in heating cycle)
 (4) Room temperature 20°C b.s.; Hot water (in/°) 50°C/°C (water flow same as in heating cycle)
 (5) Radiant power + natural convection; Hot water (in/°) 55°C/°C (water flow same as in heating cycle)
 (6) Room air 27°C b.s./19°C b.u.; Water (in/°0) 57°C/12°C (EUROVENT)
 (7) Sound power. Aermec determines sound power values on the basis of measurements made in accordance with UNI EN 16583:15, as required for Eurovent certification Level of sound pressure (A-weighted) measured in the room with volume V = 85m3; reverberation time t = 0.5s; direction factor Q = 2; distance r = 2.5m
 (8) FCCOP Related to: Room air 20°C b.s.; Water (in) 50°C; Water flow rate as in cooling mode

- Note: For more information, please refer to the program selection and the technical documentation available on the website www.aermec.com

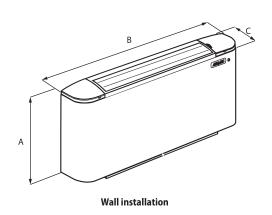
HEATING CAPACITY WITH FAN OFF

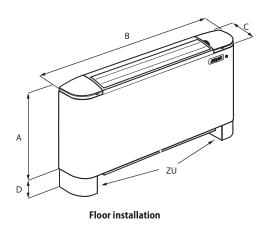
UL26R - UL26RI Heating capacity [M] 400 300 35 40 45 50 55 60 65 70

Inlet water temperature [°C]



DIMENSIONS





Omnia UL_R - UL_RI

Size			26	36
Dimensions and weights				
Height	Α	mm	513	513
Width	В	mm	980	1200
Depth	C	mm	173	173
Height ZU (Accessories)	D	mm	93	93
Weight	(1)	kg	20	24

(1) Standard configuration of unit with accessories

Aermec reserves the right to make any modifications deemed necessary. All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

www.aermec.com

















FCZ P - PO

Fan coil unit for ducted installations

Cooling capacity 0,65 ÷ 7,62 kW Heating capacity 1,45 ÷ 17,02 kW



- Very quiet
- Suitable for duct-type installations too
- Total comfort: reduced variations in temperature and relative humidity
- Vertical and horizontal installation





DESCRIPTION

fan coil can be installed in any 2/4 pipe system and operates with any heat generator even at low temperatures, and thanks to varied versions and settings, it is easy to pick the ideal solution for any need.

FEATURES

Ventilation group

Consisting of double suction centrifugal fans that are particularly silent, statically and dynamically balanced, and directly coupled with the motor shaft.

The motor is wired for single phase and has three speeds, with capacitor. The motor is fitted on sealed for life bearings and is secured on anti-vibration and self-lubricating mountings.

Extractable shrouds for easy, effective cleaning

Heat exchanger coil

With copper pipes and aluminium fins, the standard or oversized main coil and the possible secondary coil have female gas water connections on the left side and the manifolds have air vents.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

Reversibility of the water connections during installation only for units with a standard or boosted main coil, or standard with BV accessory. Not reversible in all other configurations. In any case, units with the coil water connections on the right are available at the time of ordering.

Condensate drip

Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Air filte

Air filter class Coarse 25% for all versions easy to pull out and clean.

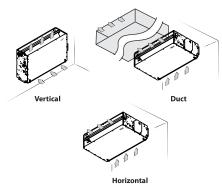
In the PPC version, air purification is guaranteed by the Cold Plasma purificr

The purifier is able to reduce pollutants, decomposing their molecules using electrical charges, causing the water molecules in the air to split into positive and negative ions. These ions neutralise the molecules in

the gaseous pollutants, obtaining products normally present in clean air. The device is able to eliminate 90% of the bacteria. The result is clean, ionized air, free of foul odours.

VERSIONS

Flush-mounting and duct-type versions



FCZ P

Flush-mounting

FCZ_PPC

— Flush-mounting with Cold Plasma purifier

FCZ_PO

- Flush-mounting, duct-type
- With useful head.

GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Field	Description
1,2,3	FCZ
4	Size 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
5	Main coil
0	Standard
5	Oversized
6	Secondary coil
0	Without coil

Field	Description
1	Standard
2	Oversized
7	Version
P	Flush-mounting, without cabinet
P0	Flush-mounting, with boosted motor
POR	Flush-mounting, with boosted motor, with water connections on right-hand side
PPC	Flush-mounting with Cold Plasma purifier
PR	Flush-mounting, without cabinet, with water connections on right-hand side

SIZE AVAILABLE FOR VERSION

Size		100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
Versions produced	(by size)																				
Varriana available	P,PR				•	•		•	•		•	•	•			•		•	•		•
Versions available	PO,POR	-	-	-	-	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
(by size)	PPC	•	-	-			-	-	•	•	-	-	•	•	-	-	•		-	-	•
Size		600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
Versions produced	(by size)																				
Vausiana ausilahla	P,PR	•	•	•			•	•	•	•	•	•	•	•	•	•	•				
Versions available	PO,POR	•			•	•		•		-	-	-	-				-	-			
(by size)	PPC	•	-	-	•	•	-	-			-	-			-			-			

ACCESSORIES

Control panels

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

PXAI: Thermostat on the machine for controlling the fan coils (both with asynchronous and brushless motors), complete with water and air probes to be positioned in the relative seats, and a plastic support to fix it on the side of the unit. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, purifier devices (Cold Plasma and germicidal lamp), or radiant plate.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet). WMT05: Electronic thermostat with thermostated ventilation.

WMT06: Electronic thermostat with continuous ventilation.

WMT10: Electronic thermostat, white, with thermostated or continuous ventilation.

VMF system

VMF-EOX: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E19: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

VMF-SW: Water temperature probe.

VMF-SW1: Extra water probe to be used for 4-pipe systems.

Water valves

VCZ_X: 3-way valve kit for single-coil fan coil, RH connections, for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves, and the relative hydraulic couplings. X4L version for fan coils with LH connections, and X4R for fan coils with RH connections. 230V~50Hz power supply.

VCZ: 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCF44 - 45 - for the secondary coil: The 3-way motorised valve kit for the secondary coil or an optional heat only coil. The kit consists of a valve with its insulating shell, actuator and relevant water fittings; it is suitable to be installed on the fan coils with right and left water connections.

VCZD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VJP: Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit, supplied without fittings and hydraulic components. The valve, which can guarantee a constant water flow rate in the terminal, within its operating range.

VDP: Combined adjustment and balancing valve, for 2 and 4 pipe systems to be installed outside the unit. It is comprised of a valve body without nipples with Ø 3/4'M water connections, a 230 V powered actuator with On-Off function and a 5 m power supply cable. The valve is supplied without connections or hydraulic components.

(Heating only) additional coil

BV: Single row hot water heat exchanger.

RX: Armoured electric coil with safety thermostat.

Installation accessories

AMP: Wall mounting kit

DSC: Condensate drainage device.

BC: Condensate drip.

BCZ: Condensate drip.

Ventilcassaforma: Galvanised sheet metal template. It makes it possible to obtain directly in the wall a space for housing the fan coil.

GA: Intake grid with fixed louvers

GAF: Intake grid with filter and fixed louvers

GM: Flow grid with adjustable louvers.

PA: Intake plenum in galvanised sheet metal, complete with suction couplings for circular-section ducts.

PAF: Intake plenum providing recovery and delivery on the same side, for all installations where the machine needs to be positioned outside the air conditioned rooms to minimise the noise levels and facilitate maintenance.

PM: Delivery plenum with circular flanges. Sandwich structure in hot galvanised steel, with interposed polyurethane foam (40 kg/m3). The panel is 15 mm thick. It is installed in place of the delivery panel with a rectangular flange, using the same 4 self-threading screws.

RD: Straight delivery coupling for canalisation.

RDA: Straight suction coupling for canalisation.

RP: 90° delivery coupling.

RPA: 90° suction coupling.

Accessories for ducting

MZC: Plenum with motorised dampers.

RDA_V: Straight intake connection with rectangular flange.

RPA_V: Suction plenum with rectangular flange; both sides have a circular push-out Ø 150mm that can be removed.

RDA_C: Straight intake connection with circular flanges.

PA_V: Suction plenum with circular plastic flanges; both sides have a circular push-out Ø 150mm that can be removed.

PM_V: Internally insulated delivery plenum with circular flanges; both sides have a circular push-out Ø 150mm that can be removed.

RPM_V: Internally insulated delivery plenum with rectangular flange; both sides have a circular push-out Ø 150mm that can be removed.

RDM_V: Straight delivery coupling in galvanised sheet metal.

RDM_C: Straight discharge internally insulated, with circular flanges.

ACCESSORIES COMPATIBILITY

Control panels

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
	P,PR																				
AER503IR (1)	PO,POR																				
	PPC																				
	P,PR																				
PR0503	PO,POR																				
	PPC																				
	P,PR																				
PXAI	PO,POR																				
	PPC	•			•	•			•	•			•				•				•
	P,PR		•			•		•	•		•	•			•	•			•		•
SA5 (2)	PO,POR																				
	PPC																				
	P,PR																				
SW3 (2)	PO,POR																				
	PPC																				
	P,PR	•		•			•				•	•	•	•	•		•	•	•	•	•
SW5 (2)	PO,POR					•	•			•	•		•	•	•	•	•	•	•	•	•
	PPC	•											•	•			•	•			
	P,PR			•			•						•	•	•		•	•	•	•	
TX (1)	PO,POR																			•	
	PPC	•											•	•			•	•			
	P,PR	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WMT05	PO,POR					•		•	•	•		•	•		•	•	•		•		•
	PPC				•	•				•											
	P,PR																				
WMT06	PO,POR																				
	PPC	•			•	•			•	•			•	•			•	•			•
	P,PR																				
WMT10	PO,POR																				
	PPC																				

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
	P,PR	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AER503IR (1)	PO,POR	•		•		•	•		•					•	•	•		
	PPC	•				•			•				•			•		
	P,PR	•		•		•	•	•	•	•		•	•	•	•	•	•	•
PR0503	PO,POR	•		•		•	•	•	•						•	•		
	PPC				•	•			•	•			•	•		•		
	P,PR	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•
PXAI	PO,POR	•	•	•	•	•	•	•	•					•	•	•		
	PPC	•			•	•			•	•			•			•	•	
	P,PR			•		•			•				•		•	•		•
SA5 (2)	PO,POR	•		•		•	•	•	•					•	•	•		
	PPC	•			•	•			•	•			•	•		•	•	
	P,PR	•	•	•	•	•	•	•		•	•	•	•	•	•		•	•
SW3 (2)	PO,POR	•		•		•									•			
	PPC	•				•			•	•			•	•		•	•	
	P,PR		•	•	•	•	•		•	•	•	•	•		•	•		•
SW5 (2)	PO,POR	•		•		•	•		•						•			
	PPC	•				•			•	•			•				•	
	P,PR	•	•	•	•	•	•	•	•	•	•	•	•		•		•	•
TX (1)	PO,POR	•		•		•		•							•	•		
	PPC												•					
	P,PR	•	•	•	•	•	•		•		•		•	•	•	•	•	•
WMT05	PO,POR	•	•	•	•	•	•	•	•					•	•			
	PPC					•				•			•	•		•	•	
	P,PR		•		•		•			•			•			•		•
WMT06	PO,POR		•		•		•		•						•	•		
	PPC	•			•	•			•	•			•	•		•		
	P,PR	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WMT10	PO,POR	•	•	•	•	•	•	•	•					•	•	•		
	PPC																	

VMF system For more information about VMF system, refer to the dedicated documentation.

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
	P,PR	•	•	•	•	•	•	•	•	•	•	•				•			•	•	•
VMF-E0X (1)	PO,POR					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	PPC	•											•					•			
	P,PR		•	•	•		•	•	•		•	•	•	•	•	•	•	•	•	•	•
VMF-E19	PO,POR					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	PPC				•				•				•					•			•
	P,PR		•	•	•					•		•	•	•	•	•	•	•			•
VMF-E3	PO,POR					•	•	•		•	•	•		•	•		•		•		•
	PPC													•			•				•
	P,PR													•			•				•
VMF-E4DX	PO,POR									•				•			•				
	PPC				•								•	•			•	•			
	P,PR		•							•		•	•	•	•		•	•			
VMF-E4X	PO,POR									•		•	•	•	•	•	•	•			•
	PPC																				
	P,PR		•			•			•	•	•	•							•	•	
VMF-IR	PO,POR					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	PPC	•			•	•			•	•			•	•			•				
	P,PR		•	•	•	•	•	•	•	•	•	•		•	•	•	•		•	•	•
VMF-SW	PO,POR					•	•	•	•	•	•	•		•	•		•	•	•	•	
	PPC	•																			
	P,PR		•	•	•	•					•	•	•	•	•	•	•	•	•	•	
VMF-SW1	PO,POR					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	PPC	•				•			•												

⁽¹⁾ Wall-mount installation.
(2) Probe for AER503IR-TX thermostats, if fitted.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
	P,PR				•		•	•		•	•	•		•				
VMF-E0X (1)	PO,POR	•		•				•							•			
	PPC	•																
	P,PR			•		•		•	•							•		•
VMF-E19	PO,POR			•				•										
	PPC	•			•	•			•	•						•		
	P,PR	•		•	•	•		•		•	•				•		•	•
VMF-E3	PO,POR			•				•								•		
	PPC																•	
	P,PR																	
VMF-E4DX	PO,POR	•	•	•	•	•	•	•	•					•	•	•		
	PPC	•			•	•			•	•			•			•	•	
	P,PR																	
VMF-E4X	PO,POR																	
	PPC	•												•		•	•	
	P,PR					•			•						•			•
VMF-IR	PO,POR	•																
	PPC																•	
	P,PR								•							•		
VMF-SW	PO,POR					•												
	PPC	•				•			•									
	P,PR		•			•			•							•		
VMF-SW1	PO,POR								•									
	PPC								•	•						•		

⁽¹⁾ Also the accessory VMF-SIT3 is mandatory if the unit exceeds 0.7 Amperes.

Water valves

3 way valve kit

-	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450
Main sail	VCZ41	VCZ42														
Main coil	VCZ4124	VCZ4224														
Cocondonucail		VCF44	VCF44													
Secondary coil		VCZ4424	VCZ4424	-		VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-	_	VCZ4424	VCZ4424	
Additional coil "BV"	VCF44															
Additional control	VCZ4424															
	500	501	502	550	600	601	602	650	700	701	702	750	800	801	802	850
Main coil	VCZ42															
	VCZ4224															
Secondary coil	_	VCF44	VCF44	_		VCF44	VCF44	_	_	VCF44	VCF44	_		VCF44	VCF44	_
		VCZ4424	VCZ4424			VCZ4424	VCZ4424			VCZ4424	VCZ4424			VCZ4424	VCZ4424	
Additional coil "BV"	VCF44															
Additional Control	VCZ4424															
	900	901	950	1000	1001											
Main coil	VCZ43	VCZ43	VCZ43	VCZ43	VCZ43											
	VCZ4324	VCZ4324	VCZ4324	VCZ4324	VCZ4324											
Secondary coil	_	VCF45	_	_	VCF45											
		VCZ4524			VCZ4524											
Additional coil "BV"	VCF45	_	_	VCF45	_											
named and coll Dr	VCZ4524			VCZ4524												

2 way valve kit

100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450
VCZD1	VCZD1	VCZD1	VCZD1	VCZD1	VCZD1	VCZD1	VCZD1	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2
VCZD124	VCZD124	VCZD124	VCZD124	VCZD124	VCZD124	VCZD124	VCZD124	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224
	VCFD4	VCFD4			VCFD4	VCFD4			VCFD4	VCFD4			VCFD4	VCFD4	
-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-
VCFD4				VCFD4				VCFD4				VCFD4			
VCZD424	-	-	-	VCZD424	-	-	-	VCZD424	-	-	-	VCZD424	-	-	-
500	501	502	550	600	601	602	650	700	701	702	750	800	801	802	850
VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2
VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224
	VCFD4	VCFD4			VCFD4	VCFD4			VCFD4	VCFD4			VCFD4	VCFD4	
-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-
VCFD4				VCFD4				VCFD4				VCFD4			
VCZD424	-	-	-	VCZD424	-	-	-	VCZD424	-	-	-	VCZD424	-	-	-
900	901	950	1000	1001											
VCZD3	VCZD3	VCZD3	VCZD3	VCZD3											
VCZD324	VCZD324	VCZD324	VCZD324	VCZD324											
	VCFD4			VCFD4											
-	VCZD424	-	-	VCZD424											
VCFD4			VCFD4												
	-	-	VCZD424	-											
	VCZD124 VCFD4 VCZD424 500 VCZD224 VCFD4 VCZD224 VCFD4 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324	VCZD1	VCZD1	VCZD1 VCZD1 VCZD1 VCZD14 VCZD124 VCZD124 VCZD124 VCZD124 VCFD4 VCFD4 VCZD124 VCZD124 VCFD4 VCZD424 VCZD424 VCZD424 VCZD424 VCZD24 VCZD224 VCZD2 VCZD2 VCZD2 VCZD2 VCZD224 VCZD224 VCZD224 VCZD224 VCZD224 VCZD424 VCZD424 VCZD424 VCZD424 VCZD424 VCZD424 VCZD424 VCZD324 VCZD33 VCZD3 VCZD3 VCZD3 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD424 VCZD424 VCZD44 VCZD44	VCZD1 VCZD1 VCZD1 VCZD1 VCZD1 VCZD124 VCZD124 VCZD124 VCZD124 VCZD124 VCFD4 VCFD4 VCZD424 VCZD424 VCFD4 VCZD424 VCZD424 VCFD4 VCZD424 VCZD424 VCZD424 VCZD424 VCZD424 S00 501 502 550 600 VCZD2 VCZD2 VCZD2 VCZD2 VCZD22 VCZD24 VCZD224 VCZD224 VCZD224 VCZD224 VCFD4 VCZD424 VCZD424 VCZD424 VCZD424 VCFD4 VCZD424 VCZD424 VCZD424 VCZD424 900 901 950 1000 1001 VCZD3 VCZD3 VCZD3 VCZD3 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324 VCZD324	VCZD1 VCZD1 VCZD1 VCZD1 VCZD1 VCZD1 VCZD1 VCZD124 VCZD124	VCZD1 VCZD1 VCZD1 VCZD1 VCZD1 VCZD1 VCZD1 VCZD124 VCZD124	VCZD12	VCZD12	VCZD1 VCZD1 VCZD1 VCZD1 VCZD1 VCZD1 VCZD1 VCZD2 VCZD224 VCZD424 VCZD424 VCZD424 VCZD424	VCZD12	VCZD12	VCZD12	VCZD12	VCZD12

Valve Kit for	r 4 pipe systems -	Requ	ires a	therm	ostat	with	valve	mana	geme	nt											
Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
VC71VAL (1)	P,PPC,PR																				
VCZ1X4L (1)	PO,POR																				
VC71V4D (1)	P,PPC,PR	•			•				•												
VCZ1X4R (1)	PO,POR																				
VCZ2X4L (1)	P,PO,POR,PPC,PR									•				•			•				
VCZ2X4R (1)	P,PO,POR,PPC,PR									•			•				•	•			•
Model	Ver	600	601	60	2 6	550	700	701	702	750	8	00	801	802	850	900	90	1 9	950	1000	1001
VC72V4L (1)	P,PPC,PR														•						
VCZ2X4L (1)	PO,POR																				
VC72V4D (1)	P,PPC,PR																				
VCZ2X4R (1)	PO,POR	•																			
VC72VAL (4)	P,PPC,PR																				
VCZ3X4L (1)	PO.POR																				

 $^{(1) \ \} The \ valves \ can \ be \ combined \ with \ the \ units \ if \ there \ is \ a \ control \ panel \ for \ managing \ them.$

(Heating only) additional coil

P,PPC,PR

PO,POR

Heating only additional coil

VCZ3X4R (1)

Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
P,PPC,PR	•																			
P,PO,POR,PPC,PR					•															
P,PO,POR,PPC,PR									•											
P,PO,POR,PPC,PR													•				•			
Ver	600	601	60	2 (650	700	701	702	750	80	00	801	802	850	900	90	1 9	950	1000	1001
P,PPC,PR															•				•	
PO,POR																				
P,PPC,PR																				
	P,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR Ver P,PPC,PR PO,POR	P,PPC,PR PPO,POR,PPC,PR PPO,POR,PPC,PR PPO,POR,PPC,PR Ver 600 P,PPC,PR PO,POR P,PPC,PR	P,PPC,PR • P,PO,POR,PPC,PR • P,PO,POR,PPC,PR • P,PO,POR,PPC,PR • Ver 600 601 P,PPC,PR • • P,PPC,PR • •	P.PPC,PR • P.PO,POR,PPC,PR P.PO,POR,PPC,PR P.PO,POR,PPC,PR P.PO,POR,PPC,PR Ver 600 601 60 P.PPC,PR PO,POR P.PPC,PR P.PPC,PR • P.PPC,PR	P,PPC,PR • P,PO,POR,PPC,PR • P,PO,POR,PPC,PR Ver 600 601 602 P,PPC,PR • • P,PPC,PR • •	P.PPC.PR • P.PO.POR.PPC.PR • P.PO.POR.PPC.PR • P.PO.POR.PPC.PR • Ver 600 601 602 650 P.PPC.PR • PO.POR P.PPC.PR • P.PPC.PR	P,PPC,PR • P,PO,POR,PPC,PR • P,PO,POR,PPC,PR • P,PO,POR,PPC,PR • Ver 600 601 602 650 700 P,PPC,PR PO,POR P,PPC,PR • •	P.PPC,PR • P.PO,POR,PPC,PR • P.PO,POR,PPC,PR • P.PO,POR,PPC,PR • Ver 600 601 602 650 700 701 P.PPC,PR • • • • • • P.PPC,PR • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • •	P,PPC,PR • P,PO,POR,PPC,PR • P,PO,POR,PPC,PR Ver 600 601 602 650 700 701 702 P,PPC,PR P,PPC,PR • • • • •	P.PPC,PR P.PO,POR,PPC,PR P.PO,POR,PPC,PR P.PO,POR,PPC,PR Ver 600 601 602 650 700 701 702 750 P.PPC,PR PO,POR P,PPC,PR P,PPC,PR	P,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR Ver 600 601 602 650 700 701 702 750 8 P,PPC,PR PO,POR PO,POR <td>P.P.P.C.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . Ver 600 601 602 650 700 701 702 750 800 P.PPC.PR PO.POR P.PPC.PR </td> <td>P,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR Ver 600 601 602 650 700 701 702 750 800 801 P,PPC,PR PO,POR PO,POR<td>P,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR Ver 600 601 602 650 700 701 702 750 800 801 802 P,PPC,PR PO,POR P,PPC,PR P,PPC,PR</td><td>P.P.C.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . Ver 600 601 602 650 700 701 702 750 800 801 802 850 P.PPC.PR <!--</td--><td>P.P.P.C.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 P.PPC.PR P.PPC.PR </td><td>P,PPC,PR . P,PO,POR,PPC,PR . P,PO,POR,PPC,PR . P,PO,POR,PPC,PR . Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 90 P,PPC,PR P,PPC,PR </td><td>P.P.C.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 9 P.PPC.PR P.PPC.PR </td><td>P.PPC,PR . P.PO,POR,PPC,PR . P.PO,POR,PPC,PR . P.PO,POR,PPC,PR . Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 P.PPC,PR P.PPC,PR </td><td>P,PPC,PR - P,PO,POR,PPC,PR - P,PO,POR,PPC,PR - P,PO,POR,PPC,PR - Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 1000 P,PPC,PR - - - - - - - P,PPC,PR - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -</td></td></td>	P.P.P.C.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . Ver 600 601 602 650 700 701 702 750 800 P.PPC.PR PO.POR P.PPC.PR 	P,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR Ver 600 601 602 650 700 701 702 750 800 801 P,PPC,PR PO,POR PO,POR <td>P,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR Ver 600 601 602 650 700 701 702 750 800 801 802 P,PPC,PR PO,POR P,PPC,PR P,PPC,PR</td> <td>P.P.C.PR . P.PO.POR.PPC.PR . 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Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 P.PPC,PR P.PPC,PR </td><td>P,PPC,PR - P,PO,POR,PPC,PR - P,PO,POR,PPC,PR - P,PO,POR,PPC,PR - Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 1000 P,PPC,PR - - - - - - - P,PPC,PR - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -</td></td>	P,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR P,PO,POR,PPC,PR Ver 600 601 602 650 700 701 702 750 800 801 802 P,PPC,PR PO,POR P,PPC,PR P,PPC,PR	P.P.C.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . Ver 600 601 602 650 700 701 702 750 800 801 802 850 P.PPC.PR </td <td>P.P.P.C.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . P.PO.POR.PPC.PR . Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 P.PPC.PR P.PPC.PR </td> <td>P,PPC,PR . P,PO,POR,PPC,PR . P,PO,POR,PPC,PR . P,PO,POR,PPC,PR . Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 90 P,PPC,PR P,PPC,PR </td> <td>P.P.C.PR . P.PO.POR.PPC.PR . 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⁽¹⁾ Not available for sizes with oversized main coil.

${\it Electric\,coil-Requires\,a\,thermost at\,with\,heater\,management.\,Not\,available\,for\,sizes\,with\,an\,over sized\,main\,coil.}$

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500
RX17 (1)	P,PPC,PR	•																
RX22 (1)	P,PO,POR,PPC,PR					•												
RX32 (1)	P,PO,POR,PPC,PR									•								
RX42 (1)	P,PO,POR,PPC,PR													•				
RX52 (1)	P,PO,POR,PPC,PR																	•
Model	Ver	501	502	550	600	601	602	650	700	701	702	750	800	801	802	850	900	901
RX62 (1)	P,PO,POR,PPC,PR																	
DV7000 (1)	P,PPC,PR				•				•				•					
RXZ800 (1)	PO,POR																	

Model	Ver	950	1000	1001
RX62 (1)	P,PPC,PR		•	

 $^{(1) \ \} Requires a thermostat with heater management. Not available for sizes with an oversized main coil.$

Installation accessories

1//-//	mounting	. 1-:4
vvan	mountina	IKIT

	9																				
Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
	P,PR				•				•		•				•						•
AMP20	PO,POR																				
	PPC	•			•	•			•	•			•	•			•	•			•
Model	Ver	600	601	602	2 6	550	700	701	702	750	8	00	801	802	850	900	90	1 9	950	1000	1001
	P,PR		•				•	•		•		•		•	•					•	•
AMPZ	PO,POR							•													
	PPC	•					•			•						•				•	

Condensate drip

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
	P,PR							•	•												
BCZ4 (1)	PO,POR																				
	PPC	•																			
	Р		•				•	•	•	•	•	•	•	•	•		•			•	
DC75 (2)	PO,POR						•	•	•	•	•	•	•	•	•	•	•			•	
BCZ5 (2)	PPC	•								•							•				
	PR	•							•	•				•	•						
Model	Ver	600	601	602	: 6	50	700	701	702	750	8	00	801	802	850	900	90	1 9	950	1000	1001
	P,PR							•					•		•					•	
BCZ4 (1)	PO,POR																				
	PPC																				
	P,PR		•																		
BCZ5 (2)	PO,POR	•	•			•		•	•	•											
	PPC																				
	P,PR																				
BCZ6 (2)	PO,POR																				
	PPC																				

(1) For vertical installation.

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
	P,PR	•	•	•	•	•	•		•	•	•	•			•		•	•	•	•	•
BC8 (1)	PO,POR																				
	PPC	•							•	•			•				•	•			
Model	Ver	600	601	60	2	650	700	701	702	750	8	00	801	802	850	900	90	1 9	50	1000	1001
	P,PR																				
BC8 (1)	PO,POR	•	•	•				•	•	•											
	PPC	•				•				•		•			•						
	P,PR															•			•		•
BC9 (1)	PO,POR															•					
	PPC																				

⁽¹⁾ For horizontal installation.

Condensate recirculation device

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
	P,PR			•	•	•	•	•			•		•	•							•
DSCZ4 (1)	PO,POR									•											
	PPC	•			٠	•			•	•			•	•			•				•
Model	Ver	600	601	60	2 (650	700	701	702	750	8	00	801	802	850	900	90	l	950	1000	1001
	P,PR	•	•	•		•		•	•	•		•	•	•	•		•		•	•	•
DSCZ4 (1)	PO,POR	•							•												
	PPC																			•	

⁽¹⁾ DSC4 cannot be mounted if even just one of these accessories is also installed: AMP - AMPZ valve VCZ1-2-3-4 X4L/R and all the condensate collection trays.

Ventilcassaforma

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
CHF17	P,PR		•	•	•																
CHF1/	PPC				•																
CUEDO	P,PO,POR,PR					•		•	•												
CHF22	PPC					•															
CUESS	P,PO,POR,PR									•	•	•									
CHF32	PPC									•											
CUEAR	P,PO,POR,PR													•	•	•	•	•	•	•	•
CHF42	PPC																				

Model	Ver	600	601	602			700	701	702	750	80		801	802	850	900	901		950	1000	1001
	P,PR	•	•	•	•		•	•	•	•	•		•	•	•	•	•		•	•	•
HF62	PO,POR	•	•	•	•		•	•	•	•			-			•	•		•		
	PPC	•			•		•			•	•				•	•			•	•	
Vall moun ower intak	ting and duct t	type in	stalla	tion a	ccess	orie	S														
Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
- 1.17	P,PR																				
5A17	PPC	•																			
GA22	P,PO,POR,PR								•												
JAZZ	PPC					•			•												
GA32	P,PO,POR,PR									•	•	•	•								
JINJZ	PPC									•			•								
GA42	P,PO,POR,PR													•	•	•	•	•	•	•	•
	PPC													•			•	•			•
Model	Ver	600	601	602	650	0	700	701	702	750	80	0	801	802	850	900	901	-	950	1000	100
	P,PR	•																			•
GA62	PO,POR	•		•												•					
	PPC	•			•		•			•					•	•				•	
						_						_						_			_
	es with fixed fins																				
Model	Ver	100	101			200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
GAF17	P,PR	•	•	•	•															_	
	PPC PPD PP	•			•																
GAF22	P,PO,POR,PR					•	•	•	•												
	PPC P,PO,POR,PR					•			•			•									
GAF32	PPC									•	•	•	<u> </u>								
	P,PO,POR,PR									•			•		•	•					
GAF42	PPC													<u>.</u>		•	÷	•	•		
Model	Ver	600	601	602	650	0	700	701	702	750	80	n	801	802	850	900	901		950	1000	100
																		_			
C1540	P,PR	•	•	•	•		•	•	•	•	•		•	•	•	•	•			•	•
GAF62	PO,POR	•		•			•			•	•				•	•	•			•	•
	PO,POR PPC	•	•				•	•	•	•						•					•
Delivery gri	PO,POR PPC Illes with adjusta	able fin:	s	•	•		•	•	•	•	•		•	•	•	•	•		•	•	
	PO,POR PPC Illes with adjusta Ver	: able fin:	s 101	102	150		•	•	•	•	•				•	•		500		•	550
<i>Delivery gri</i> Model	PO,POR PPC **********************************	able fin: 100	s	•	150		•	•	•	•	•		•	•	•	•	•		•	•	
Delivery gri Model GM17	PO,POR PPC Po Po	: able fin:	s 101	102	150	200	201	202	250	•	•		•	•	•	•	•		•	•	
Delivery gri Model GM17	PO,POR PPC Illes with adjusto Ver P,PR PPC P,PO,POR,PR	able fin: 100	s 101	102	150	200	•	•	250	•	•		•	•	•	•	•		•	•	
Delivery gri Model GM17	PO,POR PPC Illes with adjusto Ver P,PR PPC P,PO,POR,PR PPC	able fin: 100	s 101	102	150	200	201	202	250	•	•		•	•	•	•	•		•	•	
Delivery gri Model GM17	PO,POR PPC Illes with adjusto Ver P,PR PPC P,PO,POR,PR	able fin: 100	s 101	102	150	200	201	202	250	300	301	302	350	•	•	•	•		•	•	
Delivery gri Model GM17 GM22	PO,POR PPC Illes with adjusta Ver P,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC	able fin: 100	s 101	102	150	200	201	202	250	300	301	302	350	•	•	•	•		•	•	
Delivery gri Model GM17 GM22	PO,POR PPC Wer P,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR	able fin: 100	s 101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
Delivery gri Model GM17 GM22 GM32 GM42	PO,POR PPC Illes with adjuste Ver P,PR PPC P,PO,POR,PR PPC P,O,POR,PR PPC P,O,POR,PR PPC P,O,POR,PR PPC P,O,POR,PR PPC P,O,POR,PR PPC	able fin:	s 101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	556
Delivery gri Model GM17 GM22 GM32 GM42	PO,POR PPC Wer PPC PPO,POR,PR PPC		101	. 102	150		201	202	250	300	301	302	350	400	401	402		500	501	502	550
Delivery gri Model GM17 GM22 GM32 GM42 Model	PO,POR PPC Ver PPC,PO,POR,PR PPC PPO,POR,PR PPC		101	602	150		201		250	300	301	302	350	400	401	402	450	500	501	502	555
Delivery gri Model GM17 GM22 GM32 GM42 Model	PO,POR PPC Ver PPC,PO,POR,PR PPC PPO,POR,PR		101	. 102	150		201	202	250	300	301		350	400	401	402	450	500	501	502	
Delivery gri Model GM17 GM22 GM32 GM42 Model	PO,POR PPC Ver PPC,PO,POR,PR PPC PPO,POR,PR PPC	100 	101	602	150		201		250	300	301		350	400	401	402	450	500	501		
Delivery gri Model GM17 GM22 GM32 GM42 Model	PO,POR PPC Ver PPC,PO,POR,PR PPC PPO,POR,PR	100 	101	602	650		201	202	250 	300	301		350	400	401	402	450	500	501		
Delivery gri Model GM17 GM22 GM32 GM42 Model GM62	PO,POR PPC Wer PPC PPO,POR,PR PPC PPC PPPC PPPR PPC	100 	601	602	65% 		201	202	250 	300	301		350	400	401	402	450	500	501		
Delivery gri Model GM17 GM22 GM32 GM42 Model GM62 Intake plene Model	PO,POR PPC Ver P,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC Ver P,PR PO,POR PPC PO,POR PPC	100 · · · · · · · · · · · · · · · · · ·	601	602	65% 		201 700	202	250	300 	301		350	400	. 401			•	501	502	
Delivery gri Model GM17 GM22 GM32 GM42 Model GM62 Intake plene Model	PO,POR PPC Ver PPR PPC PPO,POR,PR PPC Uer PPR PO,POR PPC Ver PPC Ver PPC Ver PPC Ver	600 	601 	602	650 		201 700	202	250	300 	301		350	400	. 401			•	501	502	
Delivery gri Model GM17 GM22 GM32 GM42 Model GM62 Intake plene Model PA17	PO,POR PPC Ver PPC,PO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC Ver P,PR PO,POR PPC Ver P,PR P,PR P,PR P,PC P,PR P,PC P,PR P,PC P,PR P,PR	600 	601 	602	650 		201 700	202	250	300 	301		350	400	. 401			•	501	502	
Delivery gri Model GM17 GM22 GM32 GM42 Model GM62 Intake plene Model PA17	PO,POR PPC Ver PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC Ver P,PR PO,POR PPC Ver P,PR PO,POR PPC Ver P,PR PO,POR PPC PPC PPC PPC PPC PPC PPC PPC PPC PP	600 	601 	602	650 	200 	201 700	701	702 	300 	301		350	400	. 401			•	501	502	
Delivery gri Model GM17 GM22 GM32 GM42 Model GM62 Intake plent Model PA17	PO,POR PPC Ver PPC,PO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC Ver P,PR PO,POR PPC Ver P,PR PO,POR PPC Um in sheet meta Ver P,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR	600 	601 	602	650 	200 	201 700	701	702 	300 	301		350	400	. 401			•	501	502	
Delivery gri Model GM17 GM22 GM32 GM42 Model GM62 Intake plent Model PA17	PO,POR PPC Ver PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPC PPP,POR,PR PPC PPP PPC PPP PPC PPP PPC PPP PPC PPC PPP PPC	600 	601 	602	650 	200 	201 700	701	702 	750 	800.	302	350	400	. 401			•	501	502	
Delivery gri Model GM17 GM22 GM32 GM42 Model GM62 Intake plene Model PPA17 PPA22 PPA32	PO,POR PPC Ver PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPC PPO,POR,PR PPC PPC PPP PPC PPP PPC PPP PPC PPC P	600 	601 	602	650 	200 	201 700	701	702 	750 	800.	302	350 	400	. 401			•	501	502	
Delivery gri Model GM17 GM22 GM32 GM42 Model GM62 Intake plene Model PPA17 PPA22 PPA32	PO,POR PPC Ver PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPC PPP,POR,PR PPC PPP PPC PPP PPC PPP PPC PPP PPC PPC PPP PPC	600 	601 	602	650 	200 	201 700	701	702 	750 	800.	302	350 	400	. 401 . 850 			500	501		1000
Delivery gri Model GM17 GM22 GM32 GM42 Model SM62 Intake plent Model PA17 PA22 PA32 PA42	PO,POR PPC Ver PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC Ver P,PR PO,POR PPC Um in sheet meta Ver P,PR PPC P,PO,POR,PR PPC	600 	601 	602	650 	0 0 0 0	700 · · · · · · · · · · · · · · · · · ·	701 · · · · · · · · · · · · · · · · · · ·	702 	750 	800 .	302	350 	400	. 401 . 850 			500	501		1000
Delivery gri Model GM17 GM22 GM32 GM42 Model GM62	PO,POR PPC Ver PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPPC PPPC PPPC PPPC PPPC PPPC P	600 	601 	602	650 	200 	201 700	701	702 	750 	800.	302	350 	400 	. 401 . 850 			500	501		1001
Delivery gri Model GM17 GM22 GM32 GM42 Model Intake plent Model PA17 PA22 PA32	PO,POR PPC Ver PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPPC Ver P,PR PO,POR PPC Um in sheet meta Ver P,PR PPC P,PO,POR,PR PPC	600 600 600	601 601	602 602	650 650	200 	700 · · · · · · · · · · · · · · · · · ·	701 · · · · · · · · · · · · · · · · · · ·	702 702	750 	301 	302	350 	400 	. 401 . 850 			500	501		550

Model	Ver	100	101		50 200	1 me sia 201	202	250	300	301 30	2 350	400	401	402	450	500	501	502	550
	P,PR	•	•	•	•	201	202	230	300	301 30	2 330	100	701	702	730	300	301	302	330
'A17F	PPC																		
14.22F	P,PO,POR,PR							•											
PA22F	PPC				•			•											
PA32F	P,PO,POR,PR								•		•								
	PPC								•		•								
PA42F	P,PO,POR,PR											•	•	•	•	•	•	•	•
	PPC											•			•	•			•
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	9	950	1000	1001
	P,PR	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
PA62F	PO,POR	•	•	•	•	•	•	•	•					•	•		•		
	PPC	•			•	•			•	•			•	•			•	•	
Delivery nla	num with circul	ar flan	aec																
	Ver	100		102 1	50 200	201	202	250	200	301 30	2 350	400	401	402	450	500	501	502	550
Model	P,PR		101	•	. 200	201	202	230	300	301 30	2 330	400	401	402	430	300	301	502	330
PM17	PPC	÷	<u> </u>	•	•														
	P,PO,POR,PR																		
PM22	PPC				•			-											
	P,PO,POR,PR								•										
PM32	PPC																		
DILLIA	P,PO,POR,PR											•		•	•		•		
PM42	PPC																		
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	0	950	1000	1001
model	P,PR	•	•	•	•	•				•	•	•	•		- 701		•	•	•
PM62	PO,POR																		
	PPC												•						
Straight del	ivery coupling																		
Model	Ver	100	101	102 1	50 200	201	202	250	300	301 30	2 350	400	401	402	450	500	501	502	550
RD17	P,PR			•															
ועא	PPC	•																	
RD22	P,PO,POR,PR				•	•	•	•											
	PPC				•			•											
RD32	P,PO,POR,PR					_			•	• •	•								
	PPC								•		•								
RD42	P,PO,POR,PR											•	•	•	•	•	•	•	•
												•							•
	PPC														•				
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901		950	1000	1001
	Ver P,PR	600	601	602	650	700	701 •	702	750 •	800	801	802	850	900		9	950	1000	1001
Model RD62	Ver P,PR PO,POR														901	9			
	Ver P,PR	•		•	•	•	•	•	•					•	901	9	•		
RD62	Ver P,PR PO,POR PPC	•		•	•	•	•	•	•	•			•	•	901	9	•	•	
RD62 Straight suc	Ver P,PR PO,POR PPC	•	•	•	•		•	•	•	•	•	•	•	•	901	9	•	•	•
RD62	Ver P,PR PO,POR PPC etion coupling Ver	•		•	50 200	201	202	250	•	•	•		•	•	901	9	•	•	
RD62 Straight suc	Ver P,PR PO,POR PPC rtion coupling Ver P,PO,POR,PR	•	•	•	50 200		•	250	•	•	•	•	•	•	901	9	•	•	•
RD62 Straight suc	Ver P,PR PO,POR PPC **Tion coupling Ver **PPO,POR,PR **PPC	•	•	•	50 200	201	202	250	300	301 30	2 350	•	•	•	901	9	•	•	•
RD62 Straight suc	Ver P,PR PO,POR PPC rtion coupling Ver P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR	•	•	•	50 200	201	202	250	300	•	2 350	•	•	•	901	9	•	•	•
RD62 Straight suc Model RDA22 RDA32	Ver P,PR PO,POR PPC rtion coupling Ver P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC	•	•	•	50 200	201	202	250	300	301 30	2 350	400	401	402	901	500	•	•	•
RD62 Straight suc Model RDA22	Ver P,PR PO,POR PPC rtion coupling Ver P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR	•	•	•	50 200	201	202	250	300	301 30	2 350	•	•	•	901	9	•	•	•
RD62 Straight suc Model RDA22 RDA32 RDA42	Ver PPR PO,POR PPC Ttion coupling Ver PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC	100	101	102 1	50 200	201	202	250	300	301 30	2 350	400	401	402	450	500	501	502	550
RD62 Straight suc Model RDA22 RDA32 RDA42	Ver P,PR PO,POR PPC rtion coupling Ver P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC Ver	100	101	102 1	50 200	201	202	250	300	301 30	2 350	. 400	401	402	901 	500	501	502	550
RD62 Straight suc Model RDA22 RDA32 RDA42 Model	Ver	100	101	102 1	50 200	201	202	250	300	301 30	2 350	400	401	402	901 	500	501	502	550
RD62 Straight suc Model RDA22 RDA32 RDA42	Ver P,PR PO,POR PPC rtion coupling Ver P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR	100	101	102 1	50 200	201	202	250	300 	301 30	2 350	. 400	401		901 	500	501	. 502	550
RD62 Straight suc Model RDA22 RDA32 RDA42 Model	Ver	100	101	102 1	50 200	201	202	250	300	301 30	2 350	. 400	401	402	901 	500	501	502	550
RD62 Straight suc Model RDA22 RDA32 RDA42 Model RDA62	Ver P,PR PO,POR PPC Ttion coupling Ver PPO,POR,PR PPC PPO,POR PPC	100	101	102 1	50 200	201	202	250	300 	301 30	2 350	. 400	401		901 	500	501	. 502	550
RD62 Straight suc Model RDA22 RDA32 RDA42 Model RDA62 90° delivery	Ver P,PR PO,POR PPC rtion coupling Ver PPO,POR,PR PPC PPC PPO,POR		101	602	50 200 	700 -	202	250	300 	301 30	2 350	400	401	402	901	500	501	. 502	550
RD62 Straight suc Model RDA22 RDA32 RDA42 Model RDA62 90° delivery Model	Ver P,PR PO,POR PPC Ttion coupling Ver PPC,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC Ver P,PR PO,POR PPC Ver P,PR PO,POR PPC Ver Ver PO,POR	100	101	602	50 200	201	202	250	300 	301 30	2 350	. 400	401		901 	500	501	. 502	550
RD62 Straight suc Model RDA22 RDA32 RDA42 Model RDA62 90° delivery	Ver P,PR PO,POR PPC Ttion coupling Ver PPO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC Ver P,PR PO,POR PPC Ver P,PR PC PO,POR PPC Ver P,PR PC P,PR PC P,PR		601	602	50 200 · · · 650	700 -	202	250	300 	301 30	2 350	400	401	402	901	500	501	. 502	550
RD62 Straight suc Model RDA22 RDA32 RDA42 Model RDA62 90° delivery Model RP17	Ver P,PR PO,POR PPC rtion coupling Ver PPO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC Ver P,PR PO,POR PPC Ver P,PR PO,POR PPC Ver P,PR PC P,PR PPC P,PR PPC P,PR PPC P,PR PPC	600	601	602	650 	700 -	202	250	300 	301 30	2 350	400	401	402	901	500	501	. 502	550
RD62 Straight suc Model RDA22 RDA32 RDA42 Model RDA62 90° delivery Model RP17	Ver P,PR PO,POR PPC Ttion coupling Ver PPO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC Ver P,PR PO,POR PPC Ver P,PR PC PO,POR PPC Ver P,PR PC P,PR PC P,PR	600	601	602	650 	201 	701	250 	300 	301 30	2 350	400	401	402	901	500	501	. 502	550
RD62 Straight suc Model RDA22 RDA32 RDA42 Model RDA62 90° delivery Model RP17 RP22	Ver P,PR PO,POR PPC Ption coupling Ver P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC Ver P,PR PO,POR PC Ver P,PR PC P,PR P,PR P,PR P,PR P,PR P,PR P	600	601	602	650 	201 	701	250 	300 	301 30	2 350 	400	401	402	901	500	501	. 502	550
RD62 Straight suc Model RDA22 RDA32 RDA42 Model RDA62 90° delivery Model	Ver PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPO,POR,PR PPC PPR PPC PPR PPC PPR PPC PPPO,POR PPC PPC PPPO,POR PPC PPC PPC PPC PPC PPC PPC PPC PPC PP	600	601	602	650 	201 	701	250 	750	800 	2 350 	400	401	402	901	500	501	. 502	550
RD62 Straight suc Model RDA22 RDA32 RDA42 Model RDA62 90° delivery Model RP17 RP22	Ver P,PR PO,POR PPC rtion coupling Ver P,PO,POR,PR PPC P,PO,POR,PR PPC P,PO,POR,PR PPC Ver P,PR PO,POR PPC Ver P,PR PO,POR PPC P,PR PO,POR PPC P,PR P,PR P,PR P,PR P,PR P,PR P,PR	600	601	602	650 	201 	701	250 	750 	800 	2 350 	400	401	402	901	500	501	. 502	550

Profession Pro	Model	Ver	600	601	602	650	700	701	702	750	800)	801	802	850	900	901	95	i0	1000	1001
Property			•	•	•	•	•	•	•	•	•		•	•	•	•	•	•		•	•
Section coupling	RP62		•	•	•	•	•	•	•	_						•	•				
Ministropy Min		PPC	•			•	•			•	•				•	•		•		•	
Ministropy Min	90° suction o	coupling.																			
FRY	Model		100	101	102 1	50 200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
Page		P,PO,POR,PR																			
Ministed Popular Pop	KPA22	PPC							•												
PRIORIENT PRIO	DDV33	P,PO,POR,PR								•	•										
Minorial Property										•			•								
Marche M	RPA42													•	•	•	•	•	•	•	•
PRINCE PRINCE		PPC												•			•	•			•
Property	Model	Ver	600	601	602	650	700	701	702	750	800)	801	802	850	900	901	95	0	1000	1001
Accessories for ducting Plenum with motories de dampers. Microso pulpage NECTION POPPER VER 100 101 102 150 200 201 202 250 300 301 302 330 400 401 402 450 500 501 502 500 1001 1001 1002 1001 1001		P,PR			•	•								•	•						
Property	RPA62	PO,POR	•	•	•	•	•	•	•	•						•		•			
Penimowith motorised abunes		PPC	•			•	•				•				•	•		•		•	
Penimowith motorised abunes																					
Model Mer	Accessories	s for ducting																			
MAZCASS POLPOR	Plenum with	h motorised dan	npers.																		
Model Ver 600 601 602 650 700 701 702 750 300 801 802 850 900 901 950 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1000 1001 1002 1002 1000 1001 1002 1002 1000 1001 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1	Model	Ver	100	101	102 1	50 200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
Model Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 1001 1001 1002 1001 1002 1001 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1002 1	MZC220	PO,POR				•		•	•												
Midele Ver 600 601 602 650 700 701 702 750 801 802 830 900 901 950 1000 1001 1007 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1007 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 10000 10000 10000 10000 10000 1000 1000 1000 1000 10000 1000 1000 1000	MZC320	PO,POR								•	•										
Straight intake connection with rectangular flange.	MZC530	PO,POR												•	•	•	•		•	•	•
Straight intake connection with rectangular flange.	Model	Ver	600	601	602	650	700	701	702	750	800)	801	802	850	900	901	95	0	1000	1001
Mode Ver																					
Model Ver		,																			
BANADOW POLYPR	Straight into	ake connection	with re	ctangu	lar flan	ıge.															
RDA100V PQ-POR	Model	Ver	100	101	102 1	50 200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
Model Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 1000 1001 100300000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,0000 70,00000 70,00000 70,00000 70,00000 70,00000 70,00000 70,00000	RDA000V	PO,POR				•		•													
Model Ver	RDA100V	PO,POR									•										
Polymory	RDA200V	PO,POR																	•		
Polymory	Model	Ver	600	601	602	650	700	701	702	750	800)	801	802	850	900	901	95	0	1000	1001
Model Ver 100 101 102 150 200 201 202 250 300 301 302 350 400 401 402 450 500 501 502 550 500 500 502 550 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 50																					
Model Ver 100 101 102 150 200 201 202 250 300 301 302 350 400 401 402 450 500 501 502 550		,																			
RPANDOV POLPOR RPANDO	Intake plenu	um with rectang	ular flo	ange.																	
RPA100V PQ.POR	Model	Ver	100	101	102 1	50 200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
Model Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 1000 1001 1001 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1	RPA000V	PO,POR						•													
Model Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 1000 1010 102 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 1030 10	RPA100V	PO,POR								•											
RPA300V PQ,POR	RPA200V	PO,POR												•	•	•	•		•	•	•
RPA300V PQ,POR	Model	Ver	600	601	602	650	700	701	702	750	800)	801	802	850	900	901	95	0	1000	1001
Suction plenum with plastic circular flanges. Model																					
Model Ver 100 101 102 150 201 202 250 300 301 302 350 400 401 402 450 500 501 502 550		1 0/1 011																			
PACOOV PO,POR	Suction plen	num with plastic	circula	ar flang	jes.																
PACODY PO,POR P	Model	Ver	100	101	102 1	50 200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
Model Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 1000 1010 PA300V PO,POR	PA000V	PO,POR				•		•													
Model Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 1000 1010 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1020 1	PA100V	PO,POR									•										
POPOR POPO	PA200V	PO,POR																	•	•	•
POPOR POPO	Model	Ver	600	601	602	650	700	701	702	750	800)	801	802	850	900	901	95	0	1000	1001
Model Ver 100 101 102 150 200 201 202 250 300 301 302 350 400 401 402 450 500 501 502 550														002							
Model Ver 100 101 102 150 200 201 202 250 300 301 302 350 400 401 402 450 500 501 502 550 PM000V PQ.POR	775007	1 0/1 011																			
PM100V PQ,PQR	Internally in	sulated deliver	y plenu	m with	circula	ır flange	2 s.														
PM100V PQ,PQR	Model	Ver	100	101	102 1	50 200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
PM_100V PQ_POR	PM000V																				
Model Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 1000 1001	PM100V									•											
PM300V PQ,PQR	PM200V													•			•	•			
PM300V PQ,PQR			600	601	602	650	700	701	707	750	900)	801	802	ጸናበ	QNN	001	05	0	1000	1001
Internally insulated delivery plenum with rectangular flange. Model Ver 100 101 102 150 200 201 202 250 300 301 302 350 400 401 402 450 500 501 502 550											000		JV I	002	0.00					1000	1001
Model Ver 100 101 102 150 200 201 202 250 300 301 302 350 400 401 402 450 500 501 502 550 RPM000V PQ,POR 	יייייייייייייייייייייייייייייייייייייי	1 0,1 011	•	•	•	•	-		•	<u> </u>						•	•	<u>.</u>			
Model Ver 100 101 102 150 200 201 202 250 300 301 302 350 400 401 402 450 500 501 502 550 RPM000V PQ,POR 	Internally in	sulated deliver	y plenu	m with	rectan	gular fl	ange.														
RPM000V PO,POR • • • • RPM100V PO,POR • • • • • RPM200V PO,POR • • • • • • • • • • • • • • • • • • •		•						202	250	300	301	302	350	400	401	402	450	500	501	502	550
RPM100V PO,POR • • • • • RPM200V PO,POR • • • • • • • • • • • • • • • • • • •			.00							500	501	202	220	.00	.01	.52	.50	500	201	302	230
RPM200V PO,POR	RPM100V													-							
Model Ver 600 601 602 650 700 701 702 750 800 801 802 850 900 901 950 1000 1001															•	•				•	•
					/^^	CF 2	700	744					001							1000	1001
KPMSQQV PQ,FUK · · · · · · · · · · · · · · · · · · ·											800)	801	802	850					1000	1001

Straight delivery coupling in galvanised sheet metal.

PO,POR

RDMC300V

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
RDM000V	PO,POR					•	•	•	•												
RDM100V	PO,POR									•			•								
RDM200V	PO,POR													•	•	•	•	•	•	•	•
Model	Ver	600	601	602	65	50	700	701	702	750	8	00	801	802	850	900	901		950	1000	1001
	PO,POR	lv insul	nted. v	vith cir	rulai	r flan	nes.	•	•	•						•	•		•		
Straight disc	PO,POR harge internal Ver	ly insul			culai	r flan 200		202	250	300	301	302	350	400	401	402	450	500	501	502	550
S <i>traight disc</i> Model	harge internal	•	ated, v				ges.	202			301	302	350	400	401			500		502	550
Straight disc Model RDMC000V	harge internal Ver	•	ated, v			200	ges.				301	302	350	400	401			500		502	550
RDM300V Straight disc Model RDMC000V RDMC100V RDMC200V	harge internal Ver PO,POR	•	ated, v			200	ges.			300				400	401			500		502	550

PERFORMANCE DATA FOR UNITS WITHOUT HEAD (EUROVENT CERTIFICATE FC-H)

2-pipe											_								_			_						
	_	CZ100F	\rightarrow	FCZ	Z150P	_	FCZ200			CZ250	\rightarrow	FC	Z300P	\perp	_	350P	F	CZ400		F	Z450F	_		CZ50		+	CZ550	
	1	2	3	1	2 3	1	2	3	1	2	3	1		_		2 3	1	2	3	1	2	3	1	2	3	1	2	3
	L	М	Н	L	M H	L	М	Н	L	М	Н	L	M I	1	L	M H	L	М	Н	L	М	Н	L	M	Н	L	М	_H_
Heating performance 70 °C / 60 °C (1					1																						
Heating capacity kW			-	1,55 2	, , ,	+ -	2,95			3,18	-		1,46 5,			,92 6,15	+			4,57		7,82	5,27			+ -	8,34	
Water flow rate system side I/h			_		192 232	+		324	193				391 48	_		31 539	-	503	627			685		641		510	731	855
Pressure drop system side kPa		7	9	5	9 12	6	12	18	7	15	23	7	12 1	8	8 1	14 20	9	16	24	6	11	16	12	21	28	10	20	26
Heating performance 45 °C / 40 °C ($\overline{}$																											
Heating capacity kW			-		1,09 1,31	+ -			_	1,58	_	1,72		_	,87 2,		2,14		_	2,27		_	2,62			-		
Water flow rate system side I/h	126		_		189 229	+		319	190		350		385 4	_		25 531	373	495	617	394		675	455	631		502	720	842
Pressure drop system side kPa	4	7	10	5	9 12	6	12	18	8	15	22	8	12 1	8	8 1	14 20	10	16	24	6	11	16	12	21	28	10	20	26
Cooling performance 7 °C / 12 °C (3)			_			_											1									1		
Cooling capacity kW			_	0,65 0		+ -				1,55	_		2,17 2,	_			2,20		3,60				2,68					4,79
Sensible cooling capacity kW					0,69 0,83	+	1,05		0,79		1,52		1,65 2,	_		,76 2,18	+		_			2,90			3,18	_	2,98	
Water flow rate system side I/h	_		-		144 172	_		275	182		334			_		60 560	_	503	619			694	460	634		501	711	824
Pressure drop system side kPa	4	6	8	4	6 8	6	12	18	8	_17	25	8	13 1	8 1	11 1	18 25	10	16	24	9	15	22	13	22	29	12	22	28
Fan																												
Type typ	2												Ce	ntrifu	gal													
Fan motor typ	2													nchror														
Number no.	_	1			1		1			1			2			2		2			2			2			2	
Air flow rate m ³ /					160 200	+		290	140		290		350 4	_		50 450	+	460	600	330		600	400	600		400	600	720_
Input power W	19	29	35		29 35	25	29	33	25	29	33			-		33 44	30	43	57	30	43	57	38	52	76	38	52	_76_
Electrical wiring	V1	V2	V3	V1	V2 V3	V1	V2	٧3	V1	V2	V3	V1	V2 V	3 \	/1 \	/2 V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3_
Fan coil sound data (4)	,																											
Sound power level dB(A	, ,		45,0			35,0		51,0					11,0 48		4,0 4		37,0	_	$\overline{}$	_	44,0	_			56,0	-	51,0	
Sound pressure dB(A) 23,0	30,0	37,0	23,0 3	37,0	27,0	38,0	43,0	27,0	38,0	43,0	26,0	33,0 40),0 26	6,0 3	3,0 40,0	29,0	36,0	43,0	29,0	36,0	43,0	34,0	43,0	48,0	34,0	43,0	48,0
Water coil																												
Water content main coil		0,4			0,5		0,5			0,7			0,8		1	,0		1,0			1,4			1,0			1,4	
Diametre hydraulic ÿ ttings	,																									,		
Main coil Ø		1/2"		1	1/2"		1/2"			1/2"			3/4"		3,	/4"		3/4"			3/4"			3/4"	1		3/4"	
Main coil g		17.2	_																									
main con y	Н	FCZ600	P		FCZ650P		FC	Z700I	,	F	CZ750)P	F	CZ800)P	F	CZ8501	,	ı	CZ900)P	Т	FCZ9	50P		FC	Z1000	P
municon b	1		P 3	1	FCZ650P	3	F (2700	3	1	CZ750) P	1	CZ800) P 3	1	CZ850 l	3	1	CZ90 0) P 3	1	FCZ9		3	FC	Z1000	P 3
municon 5	_	FCZ600		_		3 H	_						-			1 L				_		1 L		2	3 H			_
Heating performance 70 °C / 60 °C (1 L	FCZ600	3	1	2	$\overline{}$	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1 L	2	2	\rightarrow		2	3
	1 L	FCZ600 2 M	3	1 L	2 M	Н	1 L	2 M	3	1	2	3 H	1 L	2	3 H	1 L	2	3 H	1	2 M	3	Ĺ	2 N	<u>2</u> //	Н		2 M	3 H
Heating performance 70 °C / 60 °C (1 L	FCZ600 2 M	3 H	1 L	2 M 9,15 1	Н	1 L	2 M	3 H	1 L	2 M	3 H	1 L	2 M	3 H	1 L 0 11,30	2 M 12,35	3 H	1 L	2 M	3 H	L 4 11,2	2 N 20 14,	<u>2</u> Λ ,42 1	7,10	1 L	2 M	3 H
Heating performance 70 °C / 60 °C (1 L 1) 6,50 570	FCZ600 2 M 8,10	3 H	1 L) 7,19	2 M 9,15 1	H 1,50	1 L 8,10	2 M 9,80	3 H 11,00	1 L 9,10	2 M	3 H	1 L	2 M 10,80	3 H	1 L 0 11,30	2 M 12,35	3 H 14,00	1 L	2 M	3 H	L 4 11,2	20 14, 20 120	.42 1 64 1	7,10	1 L	2 M	3 H
Heating performance 70 °C / 60 °C (Heating capacity kW Water flow rate system side l/h	1 L 1) 6,50 570 12	PCZ600 2 M 8,10 710	3 H 10,00	1 L 7,19 631	2 M 9,15 1 802	1,50 1008	1 L 8,10 710	2 M 9,80 860	3 H 11,00 964	1 L 9,10 798	2 M 11,30 991	3 H 12,50 1096	9,80 859	2 M 10,80 947	3 H 12,00 1052	1 L 0 11,30 2 991	2 M 12,35 1083	3 H 14,00 1227	1 L 10,77 945	2 M 13,35 1171	3 H 15,14 1328	4 11,2 3 983	20 14, 20 120	.42 1 64 1	7,10 T	1 L 12,53	2 M 15,24 1337	3 H 17,02 1493
Heating performance 70 °C/60 °C (Heating capacity kW Water flow rate system side kPassure drop s	1 L 1) 6,50 570 12	ECZ600 2 M 8,10 710 18	3 H 10,00	1 L 7,19 631	2 M 9,15 1 802 2	1,50 1008 31	1 L 8,10 710 17	2 M 9,80 860	3 H 11,00 964	1 L 9,10 798	2 M 11,30 991	3 H 12,50 1096	9,80 859	2 M 10,80 947	3 H 12,00 1052 32	1 L 0 11,30 2 991 17	2 M 12,35 1083	3 H 14,00 1227	1 L 10,77 945	2 M 13,35 1171	3 H 15,14 1328	4 11,2 3 983 16	20 14, 20 120 1 24	,42 1 64 1	7,10 1500 33	1 L 12,53 1101 22	2 M 15,24 1337 32	3 H 17,02 1493
Heating performance 70 °C / 60 °C (Heating capacity kW Water flow rate system side l/h Pressure drop system side kPa Heating performance 45 °C / 40 °C (1 L 1) 6,50 570 12	ECZ600 2 M 8,10 710 18	3 H 10,00 877 26	1 L) 7,19 631 14	2 M 9,15 1 802 2 21	1,50 1008 31	1 L 8,10 710 17	2 M 9,80 860 24	3 H 11,00 964 29	9,10 798 10	2 M 11,30 991 15	3 H 12,50 1096 18	9,80 859 22	2 M 10,80 947 27	3 H 12,00 1052 32	1 L 0 11,30 2 991 17	2 M 12,35 1083 20 6,14	3 H 14,00 1227 25	1 L 10,77 945 12	2 M 13,35 1171 17	3 H 15,14 1328 22 7,53	4 11,2 3 983 16	20 14, 20 12, 2 12, 7 7,7	2 A ,42 1 64 1 4	7,10 1500 333 B,50	1 L 12,53 1101 22	2 M 15,24 1337 32 7,58	3 H 17,02 1493 38
Heating performance 70 °C/60 °C (Heating capacity kW Water flow rate system side l/h Pressure drop system side kP2 Heating performance 45 °C/40 °C (Heating capacity kW	1 L 1) 6,50 570 12 2) 3,32 561	ECZ600 2 M 8,10 710 18	3 H 10,00 877 26	1 L) 7,19 631 14 3,57	2 M 9,15 1 802 2 21 4,55 2	1,50 1008 31	1 L 8,10 710 17	2 M 9,80 860 24	3 H 11,00 964 29 5,47	9,10 798 10	2 M 11,30 991 15	3 H 12,50 1096 18	9,80 859 22	2 M 10,80 947 27 5,37	3 H 12,00 1052 32 5,97	1 L 0 11,30 2 991 17	2 M 12,35 1083 20 6,14	3 H 14,00 1227 25 6,96	1 L 10,77 945 12	2 M 13,35 1171 17	3 H 15,14 1328 22 7,53	4 11,2 3 983 16	20 14, 20 12, 2 12, 7 7, 7 12,	,42 1 64 1 4 17 8 45 1	7,10 1500 333 B,50	1 L 12,53 1101 22 6,24	2 M 15,24 1337 32 7,58	3 H 17,02 1493 38
Heating performance 70 °C/60 °	1 L 1) 6,50 570 12 2) 3,32 561	FCZ600 2 M 8,10 710 18 4,03 699	3 H 10,00 877 26 4,97 863	1 L) 7,19 631 14 3,57 621	2 M 9,15 1 802 2 21 4,55 2	1,50 1008 31 5,72	1 L 8,10 710 17 4,03 699	2 M 9,80 860 24 4,87 846	3 H 11,00 964 29 5,47 950	9,10 798 10 4,52 786	2 M 11,30 991 15 5,62 975	3 H 12,50 1096 18 6,21 1079	9,80 859 22 4,87 846	2 M 10,80 947 27 5,37 932	3 H 12,00 1052 32 5,97 1036	1 L 0 11,30 2 991 17 5,62 6 975	2 M 12,35 1083 20 6,14 1066	3 H 14,00 1227 25 6,96 1209	1 L 10,77 945 12 5,35 930	2 M 13,35 1171 17 6,64 1152	3 H 15,14 1328 22 7,53 1307	L 11,23 98.3 16	20 14, 20 12, 2 12, 7 7, 7 12,	,42 1 64 1 4 17 8 45 1	7,10 1500 33 8,50 476	1 L 12,53 1101 22 6,24 1084	2 M 15,24 1337 32 7,58 1316	3 H 17,02 1493 38 8,46 1469
Heating performance 70 °C/60 °	1 L 1) 6,50 570 12 2) 3,32 561	ECZ600 2 M 8,10 710 18 4,03 699 18	3 H 10,00 877 26 4,97 863	1 L 7,19 631 14 3,57 621 14	9,15 1 802 21 4,55 5 790 20	H 1,50 1008 31 5,72 993 31	1 L 8,10 710 17 4,03 699 16	2 M 9,80 860 24 4,87 846 24	3 H 11,00 964 29 5,47 950	9,10 798 10 4,52 786	2 M 11,30 991 15 5,62 975	3 H 12,50 1096 18 6,21 1079	9,80 859 22 4,87 846	2 M 10,80 947 27 5,37 932	3 H 12,00 1052 32 5,97 1036 32	1 L L 1,30 991 17 17 5,62 5 975 17	2 M 12,35 1083 20 6,14 1066 20	3 H 14,00 1227 25 6,96 1209	1 L 10,77 945 12 5,35 930	2 M 13,35 1171 17 6,64 1152	3 H 15,14 1328 22 7,53 1307	L 4 11,2 3 98. 16 5 5,5 7 96. 15	20 14, 20 12, 2 12, 7 7, 7 12, 2 2,	2 M 42 1 64 1 44 1 17 8 45 1	H 7,10 7 1500 33 8,50 1476 33	1 L 12,53 1101 22 6,24 1084 22	2 M 15,24 1337 32 7,58 1316 31	3 H 17,02 1493 38 8,46 1469
Heating performance 70 °C/60 °	1 L 1) 6,500 570 12 2) 3,322 561 12	ECZ600 2 M 8,10 710 18 4,03 699 18 3,90	3 H 10,00 877 26 4,97 863 26	1 L 7,19 631 14 3,57 621 14	2 M 9,15 1 802 2 21 4,55 2 790 20	H 1,50 1008 31 5,72 993 31 5,67	1 L 8,10 710 17 4,03 699 16	2 M 9,80 860 24 4,87 846 24	3 H 11,00 964 29 5,47 950 29	9,10 798 10 4,52 786 10	2 M 11,30 991 15 5,62 975 14	3 H 12,50 1096 18 6,21 1079	9,80 859 22 4,87 846 22	2 M 10,80 947 27 5,37 932 26	3 H 12,002 1052 32 5,977 1036 32	1 L L 1 L 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 M 12,35 1083 20 6,14 1066 20	3 H 14,00 1227 25 6,96 1209 25	1 L 10,77 945 12 5,35 930 12	2 M 13,35 1171 17 6,64 1152	3 H 15,14 1328 22 7,53 1307 22	L 11,23 98: 16: 5,57 96: 15: 5,7	22 NM N20 14,77 12-1 2-1 77 7,72 77 7,73	2 M 42 1 44 1 17 8 44 1 44 4 44 4 44 4	7,10 1500 33 8,50 4476 33 8,60	1 L 12,53 1101 22 6,24 1084 22	2 M 15,24 1337 32 7,58 1316 31	3 H 17,02 1493 38 8,46 1469 38
Heating performance 70 °C/60 °	1 L 1) 6,50 570 12 2) 3,32 561 12 3,22	ECZ600 2 M 8,10 710 18 4,03 699 18 3,90	3 H 10,000 877 26 4,97 863 26	1 L L 7,19 631 14 3,57 621 14 3,95	2 M 9,15 1 802 2 21 4,55 2 790 20	H 1,50 1008 31 5,72 993 31 5,67	1 L 8,10 710 17 4,03 699 16	2 M 9,80 860 24 4,87 846 24	3 H 11,00 964 29 5,47 950 29	9,10 798 10 4,52 786 10	2 M 11,30 991 15 5,62 975 14	3 H 12,50 1096 18 6,21 1079 18	9,80 859 22 4,87 846 22	2 M 10,80 947 27 5,37 932 26	3 H 12,002 1052 32 5,977 1036 32	1 L L 1 L 1 L 1 1 1 1 1 1 1 1 1 1 1 1 1	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83	3 H 14,00 1227 25 6,96 1209 25	1 L 10,77 945 12 5,35 930 12	2 M 13,35 1171 17 6,64 1152 17	3 H 15,14 1328 22 7,53 1307 22 6,91	L1,1,2,3,3,4,4,4,1,1,2,4,4,1,4,1,4,1,4,1,4,1,4,1,4	22 NN 14,7 12-12-12-13-13-13-13-13-13-13-13-13-13-13-13-13-	2 A A2 1 A42 1 A44 1 A45 1 A45 1 A45 1	H	1 L 12,53 1101 22 6,24 1084 22 5,69 4,42	2 M 115,24 1337 32 7,58 1316 31	3 H 17,02 1493 38 8,46 1469 38
Heating performance 70 °C / 60 °C / 60 °C / Heating capacity kW Water flow rate system side kP: Pressure drop system side kP: Heating performance 45 °C / 40 °C / Heating capacity kW Water flow rate system side kP: Pressure drop system side kP: Cooling performance 7 °C / 12 °C (3) Cooling capacity kW Sensible cooling capacity kW	1 L 6,500 6,500 570 12 12 3,322 2,566 554	FCZ600 2 M 8,10 710 18 4,03 699 18 3,90 3,17	3 H 10,000 877 26 4,97 863 26 4,65 3,92	1 L L S S S S S S S S S S S S S S S S S	2 M 9,15 1 802 2 21 4,55 2 790 20	H 1,50 1008 31 1 55,72 993 31 1	1 L 8,10 710 17 4,03 699 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76	3 H 11,00 964 29 5,47 950 29	9,10 798 10 4,52 786 10 4,27 3,20	2 M 11,30 991 15 5,62 975 14 5,34 4,05	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72	9,80 859 22 4,87 846 22 4,84 3,72	2 M 10,800 947 27 5,37 932 26 5,66 4,42	3 H 12,002 1052 32 5,977 1036 32 6,100 4,83	1 L L 1 L 1 L 1 1 1 1 1 1 1 1 1 1 1 1 1	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83	3 H 14,00 1227 25 6,96 1209 25 6,91 5,36	1 L 10,777 945 12 5,35 930 12 4,29 2,97	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68	L1,1,2,3,3,4,4,4,1,1,2,4,4,1,1,1,1,1,1,1,1,1,1,1,1	22 NN N	2 M 42 1 64 1 44 45 1 44 45 1	H	1 L 12,53 1101 22 6,24 1084 22 5,69 4,42	2 M 115,24 1337 32 7,58 1316 31 6,88 5,34	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53
Heating performance 70 °C / 60 °C / 60 °C / Heating capacity kW Water flow rate system side Pressure drop system side Pressure drop system side kPating performance 45 °C / 40 °C / Heating capacity kW Water flow rate system side Pressure drop system side kPating performance 7 °C / 12 °C (3) Cooling performance 7 °C / 12 °C (3) Cooling capacity kW Sensible cooling capacity kW Water flow rate system side l/h	1 L 6,500 6,500 570 12 12 3,322 2,566 554	FCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800	1 L D) 7,19 631 14 3,57 621 14 3,95 2,78 595	2 M 9,15 1 802 2 21 4,55 5 790 20 4,80 5 3,43 4	H 1,50 1008 31 1 55,72 993 31 1	1 L 8,10 7710 17 4,03 699 16 3,92 2,99 675	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946	9,10 798 10 4,52 786 10 4,27 3,20 734	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	9,80 859 22 4,87 846 22 4,84 3,72 833	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974	3 H H 12,00 1052 32 5,977 1036 32 6,10 4,833 1049	1 L L L L L L L L L L L L L L L L L L L	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082	3 H 14,00 1227 25 6,96 1209 25 6,91 5,36 1189	10,777 945 12 5,35 930 12 4,29 2,97 738	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189	L L L L L L L L L L L L L L L L L L L	22 NN N	2 M 42 1 64 1 44 45 1 44 45 1	H 77,10 1500 333 33 33 33 33 33 33 34 476 476 479	1 L 112,53 11101 22 6,24 11084 22 5,69 4,42 979	2 M 115,24 1337 32 7,58 1316 31 66,88 5,34 1183	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311
Heating performance 70 °C / 60 °C (Heating capacity kW Water flow rate system side leating performance 45 °C / 40 °C (Heating capacity kW Water flow rate system side leating capacity kW Water flow rate system side leating performance 7 °C / 12 °C (3) (Cooling performance 7 °C / 12 °C (3) (Cooling capacity kW Sensible cooling capacity kW Water flow rate system side leating performance system side leating performance system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kPackets leating capacity kW Water flow rate system side kW W W W W W W W W W W W W W W W W W W	1 L C C C C C C C C C C C C C C C C C C	FCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800	1 L D) 7,19 631 14 3,57 621 14 3,95 2,78 595	2 M 9,15 1 802 2 21 4,55 5 790 20 4,80 5 3,43 4	H 1,50 1008 31 1 55,72 993 31 1	1 L 8,10 7710 17 4,03 699 16 3,92 2,99 675	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946	9,10 798 10 4,52 786 10 4,27 3,20 734	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	9,80 859 22 4,87 846 22 4,84 3,72 833 20	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974	3 H 12,010 1052 32 5,97 1036 32 6,100 4,83 1049 30	1 L L L L L L L L L L L L L L L L L L L	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082	3 H 14,00 1227 25 6,96 1209 25 6,91 5,36 1189	10,777 945 12 5,35 930 12 4,29 2,97 738	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189	L L L L L L L L L L L L L L L L L L L	22 NN N	2 M 42 1 64 1 44 45 1 44 45 1	H 77,10 1500 333 33 33 33 33 33 33 34 476 476 479	1 L 112,53 11101 22 6,24 11084 22 5,69 4,42 979	2 M 115,24 1337 32 7,58 1316 31 66,88 5,34 1183	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311
Heating performance 70 °C / 60 °C (Heating apacity kW Water flow rate system side V/h Pressure drop system side KPaeting apacity kW Water flow rate system side V/h Water flow rate system side V/h Pressure drop system side KPaeting performance 7 °C / 12 °C (3) Cooling apacity kW Sensible cooling capacity kW Water flow rate system side V/h Pressure drop system side KPaeting KPaeting KPaeting KPaeting KPaeting KPaeting KPaeting KPaeting Cooling Capacity kW Water flow rate system side KPaeting KPaeting KPaeting Cooling Capacity kW KPaeting KPaeting KPaeting Cooling Capacity kW KPaeting KPaeting KPaeting Cooling Capacity kW KPaeting Capacity kW KPaeti	1 L L L L L L L L L L L L L L L L L L L	FCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800	1 L D) 7,19 631 14 3,57 621 14 3,95 2,78 595	2 M 9,15 1 802 2 21 4,55 5 790 20 4,80 5 3,43 4	H 1,50 1008 31 1 55,72 993 31 1	1 L 8,10 7710 17 4,03 699 16 3,92 2,99 675	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946	9,10 798 10 4,52 786 10 4,27 3,20 734	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	9,80 859 22 4,87 846 22 4,84 3,72 833 20	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974 26	3 H 12,00 1052 32 5,97 1036 32 6,10 4,83 1049 30	1 L L L L L L L L L L L L L L L L L L L	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082	3 H 14,00 1227 25 6,96 1209 25 6,91 5,36 1189	10,777 945 12 5,35 930 12 4,29 2,97 738	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189	L L L L L L L L L L L L L L L L L L L	22 NN N	2 M 42 1 64 1 44 45 1 44 45 1	H 77,10 1500 333 33 33 33 33 33 33 34 476 476 479	1 L 112,53 11101 22 6,24 11084 22 5,69 4,42 979	2 M 115,24 1337 32 7,58 1316 31 66,88 5,34 1183	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311
Heating performance 70 °C / 60 °C (Heating capacity kW Water flow rate system side leating performance 45 °C / 40 °C (Heating capacity kW Water flow rate system side leating capacity kW Water flow rate system side leating performance 7 °C / 12 °C (30 °C) (Cooling performance 7 °C / 12 °C (30 °C) (kW Sensible cooling capacity kW Sensible cooling capacity kW Water flow rate system side l/h Pressure drop system side kPa Fan	1 L L L L L L L L L L L L L L L L L L L	FCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800	1 L D) 7,19 631 14 3,57 621 14 3,95 2,78 595	2 M 9,15 1 802 2 21 4,55 5 790 20 4,80 5 3,43 4	H 1,50 1008 31 1 55,72 993 31 1	1 L 8,10 7710 17 4,03 699 16 3,92 2,99 675	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946	9,10 798 10 4,52 786 10 4,27 3,20 734	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	9,80 859 22 4,87 846 22 4,84 3,72 833 20	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974 26	3 H 12,00 1052 32 5,97 1036 32 6,10 4,83 1049 30	1 L L L L L L L L L L L L L L L L L L L	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082	3 H 14,00 1227 25 6,96 1209 25 6,91 5,36 1189	10,777 945 12 5,35 930 12 4,29 2,97 738	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189	L L L L L L L L L L L L L L L L L L L	22 NN N	2	H 77,10 1500 333 33 33 33 33 33 33 34 476 476 479	1 L 112,53 11101 22 6,24 11084 22 5,69 4,42 979	2 M 115,24 1337 32 7,58 1316 31 66,88 5,34 1183	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311
Heating performance 70 °C / 60 °C (Heating capacity kW Water flow rate system side leating performance 45 °C / 40 °C (Heating capacity kW Water flow rate system side leating capacity kPressure drop system side leating performance 7 °C / 12 °C (3) (Cooling performance 7 °C / 12 °C (3) (Cooling capacity kW Sensible cooling capacity kW Water flow rate system side leating leating kPerssure drop system side kPerssure drop syste	1 L S S S S S S S S S S S S S S S S S S	EFCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800	1 L D) 7,19 631 14 3,57 621 14 3,95 2,78 595	2 M 9,15 1 802 2 21 4,55 2 20 20 4,80 2 825 21	H 1,50 1008 331 55,72 993 331 55,67 4,12 9975 28	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	9,80 859 22 4,87 846 22 4,84 3,72 833 20 Ce	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974 26 ntrifug	3 H 10 12,00 1052 32 5,97 1036 32 6,10 4,83 1049 30 gal	1 L L 1 L 1 L 5,62 6 975 17 5,26 4,00 9 904 14	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082 20	3 H 14,00 1227 25 6,96 1209 25 6,91 5,36 1189 23	10,777 945 12 5,35 930 12 4,29 2,97 738	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860 12	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189	L L 11,2,3 98. 16 15 15 15 15 15	22 N 20 14, 2 12: 2 2: 2 2: 2 2: 2 2: 3 3	2	H 77,10 1500 33 33 33 33 33 33 33 33 33 33 33 33 3	1 L 12,53 11101 22 22 11084 22 22 5,69 4,42 979 22	2 M 15,24 1337 32 7,58 1316 31 1183 31	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311
Heating performance 70 °C / 60	1 L S S S S S S S S S S S S S S S S S S	EFCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800 26	1 L 1 L 1 L 1 T,19 631 14 14 3,57 621 14 3,95 2,78 595 15	2 M 9,15 1 802 1 21 4,55 2 20 20 4,80 1 3,43 4 825 21	H 1,50 1008 331 55,72 993 331 55,67 4,12 9975 28	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	9,80 859 22 4,87 846 22 4,84 3,72 833 20 Ce	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974 26 ntrifug nchror	3 H 10 12,00 1052 32 5,97 1036 32 6,100 4,833 1049 30 gal nous	1 L L L L L L L L L L L L L L L L L L L	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082 20	3 H 14,00 1227 25 6,96 1209 25 6,91 5,36 1189 23	1 L 10,777 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860 12	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22	L L L L L L L L L L L L L L L L L L L	22 N 20 14, 2 12i 2 22 2 24 2 24 2 24 2 24 2 24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 AA	H 77,10 1500 33 33 33 33 33 33 33 33 33 33 33 33 3	1 L 12,53 1101 22 66,24 1084 22 55,69 22 22 9900	2 M 15,24 1337 32 7,58 1316 31 1183 31	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311 36
Heating performance 70 °C / 60	1 L 1 L 6,500 S700 S700 12 12 12 12 12 12 12 12 12 12 12 12 14 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	FCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800 26	7,19 631 14 3,57 621 14 3,95 2,78 595 15	2 M 9,15 1 802 2 21 4,55 2 20 4,80 2 20 4,80 3 825 21	H 1,50 10008 31 55,72 993 31 31 9975 28	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734 10	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,500 1096 18 6,21 1079 18 6,14 4,72 1056 18	9,80 859 22 4,87 846 22 4,84 3,72 833 20 Ce Asy	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974 26 ntrifug nchror 3 1120	3 H 10 12,00 1052 32 5,97 1036 32 6,100 4,833 1049 30 gal nous	1 L L L L L L L L L L L L L L L L L L L	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082 20	3 H 14,00 1227 25 6,96 1209 25 6,91 5,36 1189 23	1 L 10,777 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860 12	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22	L 11,22	22 N 14, 22 12i 22 22 27 7 7,7 12i 24 22 12i 27 22 22 22 22 22 22 22 22 22 22 22 22 2	2 A 42 1 64 1 4 17 8 45 1 44 1 44 1 44 1 40	H 77,10 1500 33 33 4476 33 33 33 33 33 33 33 34 476 479 330	1 L 12,53 1101 22 66,24 1084 22 55,69 22 22 9900	2 M 15,24 1337 32 7,58 1316 31 6,88 5,34 1183 3 1120	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311 36
Heating performance 70 °C / 60	1 L 1 L 6,500 5700 122 12 3,322 2,566 14 14 15 520 38	FCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 3 720 60	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800 26	1 L L L L L L L L L L L L L L L L L L L	2 M 9,15 1 802 1 21 4,55 1 20 20 20 4,80 1 21 3 3 720 60	H 1,50 1008 31 55,72 9993 31 31 55,67 44,12 9975 28	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734 10	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,500 1096 18 6,21 1079 18 6,14 4,72 1056 18	9,80 859 22 4,87 846 22 4,84 3,72 833 20 Ce Asy	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974 26 ntrifug nchror 3 1120 100	3 H 10 12,00 1052 32 5,97 1036 32 6,10 4,83 1049 30 gal nous 1300 131	1 L L L L L L L L L L L L L L L L L L L	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082 20 3 1120 100	3 H 14,00 1227 25 6,96 1209 25 6,91 5,36 1189 23	1 L 10,777 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 80	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22	L 11,22	22 N 14, 22 12i 22 22 27 7 7,7 12i 24 22 12i 27 22 22 22 22 22 22 22 22 22 22 22 22 2	2 A 42 1 64 1 4 17 8 45 1 44 1 44 1 44 1 40	H 77,10 1500 33 33 33,50 4476 33 33 34,60 37 30 30 30 30 30 30 30 30 30 30 30 30 30	1 L 12,53 1101 22 66,24 11084 22 5,69 4,42 979 22	2 M 115,24 1337 32 7,58 1316 31 6,88 5,34 1183 31 1120 100	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311 36
Heating performance 70 °C / 60 °C (Heating capacity kW Water flow rate system side Pressure drop system side Pressure drop system side kPadating performance 45 °C / 40 °C (Heating capacity kW Water flow rate system side Pressure drop system side kPacooling capacity kW Water flow rate system side l/h Pressure drop system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisible cooling capacity kW Water flow rate system side kPaconisibl	1 L 1 L 6,500 5700 122 12 3,322 2,566 14 14 15 520 38	RCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 3 720 60 V2	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800 26	1 L L L L L L L L L L L L L L L L L L L	2 M 9,15 1 802 2 21 4,55 2 20 20 20 20 3,43 4 825 21 3 3 7720 60 V2	H 1,50 1008 31 31 55,72 993 31 31 920 920 91 V3	1 L 8,10 7710 17 4,03 699 16 33,92 2,99 675 16 700 59 V1	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 80 V2	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734 10	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,500 1096 18 6,21 1079 18 6,14 4,72 1056 18	9,80 859 22 4,87 846 22 4,84 3,72 833 20 Ce Asyr 900 80 V1	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974 26 ntrifug nchror 3 1120 V2	3 H H 12,001 1052 32 5,97 1036 32 6,100 4,83 1049 30 1300 1310 V3	1 L L L L L L L L L L L L L L L L L L L	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082 20 3 1120 100 V2	14,00 1227 25 6,96 1209 25 6,91 5,36 1189 23 1300 131 V3	1 L 10,777 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 80	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 1140 V3	L 11,22	20 14, N 20 14, 20 14, 20 14, 20 12, 20 22, 20 2	2	H 177,10 1500 1500 1500 1500 1500 1500 1500 1	1 L 12,53 1101 22 66,24 11084 22 5,69 4,42 979 22	2 M 15,24 1337 32 77,58 1316 31 31 11183 31 1120 100 V2	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311 36
Heating performance 70 °C / 60 °C (Heating capacity kW Water flow rate system side leating performance 45 °C / 40 °C (Heating capacity kW Water flow rate system side leating performance 45 °C / 40 °C (Heating capacity kW Water flow rate system side leating performance 7 °C / 12 °C (3) (Cooling performance 7 °C / 12 °C (3) (Cooling performance 7 °C / 12 °C (3) (Cooling capacity kW Water flow rate system side leating lea	1	RCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 3 720 60 V2	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800 26 920 91 V3	1 L 1 L 3,57 621 14 3,95 2,78 595 15 520 38 V1	2 M 9,15 1 802 2 1 4,55 2 20 20 4,80 3 825 21 3,43 4 825 21	H 1,50 1008 31 31 31 31 31 31 31 31 31 31 31 31 31	1 L 8,10 7710 17 17 17 16 16 16 17 17 17 17 17 16 16 17 17 16 17 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 80 V2	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 1140 V3	9,10 798 10 4,52 786 10 4,27 3,20 734 10	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 80 V2	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	9,80 859 22 4,87 846 22 4,84 3,72 833 20 Ce Asyr 900 80 V1	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974 26 ntrifug nchror 3 1120 V2	3 H H 12,001 1052 32 5,97 1036 32 6,10 4,83 1049 30 1300 1311 V3	1 L L L L L L L L L L L L L L L L L L L	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082 20 1120 100 V2	14,00 1227 25 6,96 1209 25 6,91 5,36 1189 23 1300 131 V3	1 L 10,777 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 80 V2	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 1140 V3	L L 11,2,2 16 16 16 17 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2 N N 20 14, 12 12 12 12 12 12 12 12 12 12 12 12 12	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H	1 L L 12,53 11101 22 2	2 M 15,24 1337 32 32 77,58 1316 31 31 31 1120 100 V2	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311 36
Heating performance 70 °C / 60 °C (Heating capacity kW Water flow rate system side / Vrhessure drop system side kPaceting capacity kW Water flow rate system side kPaceting capacity kW Water flow rate system side kPaceting performance 7 °C / 12 °C (3) °C (cooling performance 7 °C / 12 °C (3) °C (cooling capacity kW Water flow rate system side l/h Pressure drop system side kPaceting rate of the system side kPacet	1 L C C C C C C C C C C C C C C C C C C	RCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 3 720 60 V2	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800 26 920 91 V3	1 L 1 L 3,57 621 14 3,95 2,78 595 15 520 38 V1	2 M 9,15 1 802 2 1 4,55 2 20 20 4,80 2 3,43 4 825 21 3 720 60 V2	H 1,50 1008 31 31 31 31 31 31 31 31 31 31 31 31 31	1 L 8,10 7710 17 17 17 16 16 16 17 17 17 17 17 16 16 17 17 16 17 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 80 V2	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 1140 106 V3	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 59 V1	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 80 V2	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	9,80 859 22 4,87 846 22 4,84 3,72 833 20 Ce Asyr 900 80 V1	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974 26 ntrifug nchror 3 1120 V2	3 H H 12,001 1052 32 5,97 1036 32 6,10 4,83 1049 30 1300 1311 V3	1 L 1 L 2 991 17 15,62 5 975 17 1 5,26 1 4,00 9 904 1 14	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082 20 1120 100 V2	14,00 1227 25 6,96 1209 25 6,91 5,36 1189 23 1300 131 V3	1 L 1 10,77 945 12 5,35 930 12 4,29 2,97 738 10 59 V1	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 80 V2	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 1140 V3	L L 11,2,2 16 16 16 17 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2 N N 20 14, 12 12 12 12 12 12 12 12 12 12 12 12 12	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H	1 L L 12,53 11101 22 2 2 6,24 11084 22 2 2 5,69 4,42 979 22 900 80 V1	2 M 15,24 1337 32 32 77,58 1316 31 31 31 1120 100 V2	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311 36
Heating performance 70 °C / 60 °C (Heating apacity kW Water flow rate system side V/h Pressure drop system side Water flow rate system side Water flow rate system side V/h Water flow rate system side V/h Pressure drop system side V/h Pressure drop system side KPac (Cooling performance 7 °C / 12 °C (3)	1 L C C C C C C C C C C C C C C C C C C	FCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 3 720 60 V2 51,0 43,0	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800 26 920 91 V3	1 L 1 L 3,57 621 14 3,95 2,78 595 15 520 38 V1	2 M 9,15 1 802 2 21 4,55 2 20 20 4,80 3,43 4 825 21 3 720 60 V2 43,0 4	H 1,50 1008 31 31 31 31 31 31 31 31 31 31 31 31 31	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675 16 700 59 V1 50,0 42,0	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 80 V2 57,0 49,0	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 1140 106 V3	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 59 V1	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 80 V2 57,0 49,0	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	9,80 859 22 4,87 846 22 4,84 3,72 833 20 Ce Asyr 900 80 V1	2 M 947 27 5,37 932 26 5,66 4,42 974 26 1120 V2 61,0 53,0	3 H H 12,001 1052 32 5,97 1036 32 6,10 4,83 1049 30 1300 1311 V3	1 L 1 L 2 991 17 15,62 5 975 17 1 5,26 1 4,00 9 904 1 14	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082 20 100 V2	14,00 1227 25 6,96 1209 25 6,91 5,36 1189 23 1300 131 V3	1 L 1 10,77 945 12 5,35 930 12 4,29 2,97 738 10 59 V1	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 80 V2 57,0 49,0	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 1140 V3	L L 11,2,2 16 16 16 17 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	20 14, N 20 14, 22 120 20 20 20 20 20 20 20 20 20 20 20 20 2	2 A A A A B B B B B B B B B B B B B	H	1 L L 12,53 11101 22 2 2 6,24 11084 22 2 2 5,69 4,42 979 22 900 80 V1	2 M 15,24 1337 32 7,58 1316 31 31 1120 100 V2	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311 36
Heating performance 70 °C / 60 °C (Heating capacity kW Water flow rate system side leating performance 45 °C / 40 °C (Heating capacity kW Water flow rate system side leating capacity kW Water flow rate system side leating performance 7 °C / 12 °C (Soling performance 7 °C / 12 °C (W Sensible cooling capacity kW Water flow rate system side leating performance 7 °C / 12 °C (W Sensible cooling capacity kW Water flow rate system side leating performance 7 °C / 12 °C (W Sensible cooling capacity kW Water flow rate system side leating performance where side leating performance where side leating flow rate leating performance where side leating flow rate leati	1 L C C C C C C C C C C C C C C C C C C	RCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 3 720 60 V2	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800 26 920 91 V3	1 L 1 L 3,57 621 14 3,95 2,78 595 15 520 38 V1	2 M 9,15 1 802 2 1 4,55 2 20 20 4,80 2 3,43 4 825 21 3 720 60 V2	H 1,50 1008 31 31 31 31 31 31 31 31 31 31 31 31 31	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675 16 700 59 V1 50,0 42,0	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 80 V2	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 1140 V3	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 59 V1	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 80 V2	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	9,80 859 22 4,87 846 22 4,84 3,72 833 20 Ce Asyr 900 80 V1	2 M 10,80 947 27 5,37 932 26 5,66 4,42 974 26 ntrifug nchror 3 1120 V2	3 H H 12,001 1052 32 5,97 1036 32 6,10 4,83 1049 30 1300 1311 V3	1 L 1 L 2 991 17 15,62 5 975 17 1 5,26 1 4,00 9 904 1 14	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082 20 1120 100 V2	14,00 1227 25 6,96 1209 25 6,91 5,36 1189 23 1300 131 V3	1 L 1 10,77 945 12 5,35 930 12 4,29 2,97 738 10 59 V1	2 M 13,355 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 80 V2	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 1140 V3	L L 11,2,2 16 16 16 17 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2 N N 20 14, 12 12 12 12 12 12 12 12 12 12 12 12 12	2 A A A A B B B B B B B B B B B B B	H	1 L L 12,53 11101 22 2 2 6,24 11084 22 2 2 5,69 4,42 979 22 900 80 V1	2 M 15,24 1337 32 32 77,58 1316 31 31 31 1120 100 V2	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311 36
Heating performance 70 °C / 60 °C (Heating capacity kW Water flow rate system side VPressure drop syst	1 L C C C C C C C C C C C C C C C C C C	FCZ6000 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 3 720 60 V2 51,0 43,0	3 H 10,000 877 26 4,97 863 26 4,65 3,92 800 26 920 91 V3	1 L 1 L 3,57 621 14 3,95 2,78 595 15 520 38 V1	2 M 9,15 1 802 2 21 4,55 2 20 20 4,80 3,43 4 825 21 3 720 60 V2 43,0 4	H 1,50 1008 31 31 31 31 31 31 31 31 31 31 31 31 31	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675 16 700 59 V1 50,0 42,0	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 80 V2 57,0 49,0	3 H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 1140 V3	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 59 V1	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 80 V2 57,0 49,0	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	9,80 859 22 4,87 846 22 4,84 3,72 833 20 Ce Asyr 900 80 V1	2 M 947 27 5,37 932 26 5,66 4,42 974 26 1120 V2 61,0 53,0	3 H 12,001 1052 32 5,97 1036 32 6,100 4,83 1049 30 1300 1311 V3 66,00 58,00	1 L 1 L 2 991 17 15,62 5 975 17 1 5,26 1 4,00 9 904 1 14	2 M 12,35 1083 20 6,14 1066 20 6,29 4,83 1082 20 100 V2	14,00 1227 25 6,96 1209 25 6,91 5,36 1189 23 1300 131 V3	1 L 1 10,77 945 12 5,35 930 12 4,29 2,97 738 10 59 V1	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 80 V2 57,0 49,0	3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 1140 V3	L L 11,2,2 16 16 16 17 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	20 14, N 20 14, 22 120 20 20 20 20 20 20 20 20 20 20 20 20 2	2 A A A A B B B B B B B B B B B B B	H	1 L L 12,53 11101 22 2 2 6,24 11084 22 2 2 5,69 4,42 979 22 900 80 V1	2 M 15,24 1337 32 7,58 1316 31 31 1120 100 V2	3 H 17,02 1493 38 8,46 1469 38 7,62 5,53 1311 36

⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

		F	CZ101	IP	F	CZ201	P	F	CZ301	IP.	F	CZ401	P	F	CZ501	P	F	CZ601	P	F	CZ701	P	F	CZ801	P	F	CZ901	P	FC	C Z10 01	iΡ
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 65 °C / 5	5 °C (1)																													
Heating capacity	kW	0,75	1,01	1,17	1,02	1,35	1,60	1,80	2,18	2,56	2,21	2,65	3,12	2,59	3,34	3,73	2,96	3,67	4,36	3,66	4,29	4,94	4,20	4,79	5,35	4,73	5,63	5,72	4,85	5,56	6,08
Water flow rate system side	I/h	65	89	102	89	118	140	158	191	224	186	232	273	227	293	327	259	321	381	320	375	437	368	419	467	414	492	501	424	487	532
Pressure drop system side	kPa	2	4	4	4	8	10	16	23	30	4	6	8	6	8	10	8	12	16	11	14	18	16	20	24	8	12	12	10	14	16
Cooling performance 7 °C / 12	°C (2)																														
Cooling capacity	kW	0,65	0,84	1,00	0,89	1,28	1,60	1,68	2,17	2,65	2,20	2,92	3,60	2,68	3,69	4,25	3,22	3,90	4,65	3,92	4,89	5,50	4,84	5,66	6,10	4,29	5,00	6,91	5,69	6,88	7,62
Sensible cooling capacity	kW	0,51	0,69	0,83	0,71	1,05	1,33	1,26	1,65	2,04	1,59	2,14	2,67	1,94	2,73	3,18	2,56	3,17	3,92	2,99	3,76	4,30	3,72	4,42	4,83	2,97	3,78	5,68	4,42	5,34	5,53
Water flow rate system side	I/h	112	144	172	153	221	275	288	374	456	379	503	619	460	634	731	554	671	800	675	841	946	833	974	1049	738	860	1189	979	1183	1311
Pressure drop system side	kPa	4	6	8	6	12	18	8	13	18	10	16	24	13	22	29	14	19	26	16	24	30	20	26	30	10	12	22	22	31	36
Fan																															
Туре	type															Centr	ifugal														
Fan motor	type															Asynch	ronou	IS													
Number	no.		1			1			2			2			2			3			3			3			3			3	
Air flow rate	m³/h	110	160	200	140	220	290	260	350	450	330	460	600	400	600	720	520	720	920	700	930	1140	900	1120	1300	700	930	1140	900	1120	1300
Input power	W	19	29	35	25	29	33	25	33	44	30	43	57	38	52	76	38	60	91	59	80	106	80	100	131	59	80	106	80	100	131
Electrical wiring		٧1	V2	V3	٧1	V2	٧3	٧1	V2	٧3	٧1	V2	V3	٧1	V2	٧3	٧1	V2	V3	٧1	V2	٧3	۷1	V2	٧3	٧1	V2	V3	V1	V2	٧3
Fan coil sound data (3)																															
Sound power level	dB(A)	31,0	38,0	45,0	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0	42,0	51,0	57,0	50,0	57,0	62,0	56,0	61,0	66,0	51,0	57,0	62,0	56,0	61,0	66,0
Sound pressure	dB(A)	23,0	30,0	37,0	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0	34,0	43,0	49,0	42,0	49,0	54,0	48,0	53,0	58,0	43,0	49,0	54,0	48,0	53,0	58,0
Water coil																															
Water content main coil			0,4			0,5			0,8			1,0			1,0			1,2			1,2			1,2			1,8			1,8	
Water content the secondary coil	- 1		0,1			0,2			0,3			0,3			0,3			0,4			0,4			0,4			0,7			0,7	
Diametre hydraulic ÿ ttings																															
Main coil	Ø		1/2"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
Secondary coil	Ø															1/	/2"														

⁽¹⁾ Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT
(2) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(3) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

PERFORMANCE DATA FOR UNITS WITH HEAD (EUROVENT CERTIFICATE FCP-H)

2-pipe					_			_		_	_									_					_
		FCZ200P0 2 4 6			FCZ250P0		FCZ300P0			FCZ350PO		FCZ400P0			FCZ450P0			_	CZ5001		FCZ550P0				
					2	4	6	1	4	6	1	4	6	1	3	6	1	3	6	1	5	6	1	5	6
Heating payformance 70 °C / C0 °C /1)		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	<u>H</u>
Heating performance 70 °C / 60 °C (1) Heating capacity	kW	2,11	3,00	3,32	2,29	3,24	3,60	3,50	5,03	5,45	3,80	5,59	6,10	4,49	6,02	6,74	4,79	6,62	7,40	5,27	7,22	7,59	5,81	8,25	8,67
Water flow rate system side	I/h	182	258	285	197	279	310	301	433	469	327	481	524	386	517	580	4,79	569	637	453	621	652	500	709	746
Pressure drop system side	kPa	7	12	15	9	16	19	8	15	18	9	18	21	11	18	22	7	12	15	12	21	23	10	19	21
Heating performance 45 °C / 40 °C (2)	KI U	,	12	13		10	- 17	0	13	10		10		- ' '	10		,	12	13	12	- 21		10	- 17	
Heating capacity	kW	1,05	1,49	1,65	1,14	1,61	1,79	1,74	2,50	2,71	1,89	2,78	3,03	2,23	2,99	3,35	2,38	3,29	3,68	2,62	3,59	3,77	2,89	4,10	4,31
Water flow rate system side	I/h	160	224	248	196	277	308	299	430	466	325	478	521	383	514	576	409	566	633	451	617	648	497	705	741
Pressure drop system side	kPa	7	12	15	9	16	19	8	15	18	9	18	21	11	18	22	7	12	15	12	21	23	10	19	21
Cooling performance 7 °C / 12 °C (3)																									
Cooling capacity	kW	0,93	1,30	1,44	1,11	1,59	1,74	1,70	2,40	2,63	1,91	2,77	3,00	2,29	3,06	3,41	2,51	3,37	3,79	2,68	3,65	3,82	2,91	4,08	4,28
Sensible cooling capacity	kW	0,74	1,14	1,18	0,83	1,23	1,36	1,27	1,86	2,03	1,34	1,99	2,16	1,66	2,24	2,52	1,76	2,42	2,73	1,94	2,70	2,83	2,07	2,94	3,09
Water flow rate system side	I/h	160	224	248	191	273	299	292	413	452	328	476	516	394	526	586	432	580	652	461	628	657	500	702	736
Pressure drop system side	kPa	8	13	15	9	18	21	8	16	18	11	22	25	11	18	22	11	16	20	13	22	24	12	21	23
Fan																									
Туре	type													ifugal											
Fan motor	type												Asynch	ronous											
Number	no.	440	1	251	440	1	25.	2.62	2		2.0	2		244	2		246	2			2			2	
Air flow rate	m³/h	148	226	254	148	226	254	263	404	446	263	404	446	346	487	559	346	487	559	400	592	627	400	592	627
High static pressure	Pa W	21	50 41	63	21	50	63	21	50 55	61	21	50 55	61	25	50	66	25	50	102	22	50	56	22	50 80	56
Input power	VV	28 V2	V4	74 V6	28 V2	41 V4	74 V6	38 V1	V4	78 V6	38 V1	- 55 V4	78 V6	53 V1	63 V3	102 V6	53 V1	63 V3	102 V6	49 V1	80 V5	627 V6	49 V1	V5	627 V6
Electrical wiring Duct type fan coil sound data (4)		VZ.	V4	VO	V Z	V4	VO	VI	V4	VO	V I	٧4	VO	VI	VO	VO	VI	- ۷၁	VO	VI	VO	VO	VI	VO	VO
Sound power level (inlet + radiated)	dB(A)	41,0	56.0	59,0	41,0	56,0	59,0	39,0	51,0	54,0	39,0	51,0	54,0	44,0	54,0	55,0	44,0	54,0	55,0	45,0	55,0	57,0	45,0	55,0	57,0
Sound power level (outlet)	dB(A)	37,0	52,0			52,0	55,0	<u> </u>		49,0	35,0	47,0	49,0				_	50,0					41,0		53.0
Water coil	ub(r)	31,0	32,0	33,0	37,0	32,0	33,0	33,0	17,0	17,0	33,0	17,0	17,0	10,0	30,0	32,0	10,0	30,0	32,0	11,0	31,0	33,0	11,0	31,0	33,0
Water content main coil	1		0,5			0,7			0,8			1,0			1,0			1,4			1,0			1,4	
Diametre hydraulic ÿ ttings																									
Main coil	Ø		1/2"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
		FCZ600PO						0P0		FCZ700PO		FCZ750PO			F(79)						FCZ950PO				
			FCZ6	00P0			FCZ6	50P0			FCZ7	00P0			FCZ7	50P0			FCZ9	00P0			FCZ9	50P0	
		1	FCZ6		7	1		50P0 4	7	2		00PO	7	2		50P0 5	7	2		00P0 5	7	2		50P0	7
		1 L			7 H	1 L			7 H	2 L			7 H	2 L			7 H	2 L			7 H	2 L			7 H
Heating performance 70 °C/60 °C (1)		L	1	4 //		<u> </u>		4	Н	L		5 M	Н			5 VI	Н			5 M	Н	_		5 VI	
Heating capacity	kW	6,86	5 8,	4 M 55	H 10,00	7,63	9,	4 M 72	H 11,51	8,77	10	5 M ,10	H 10,52	10,0	2 11	5 M ,65	H 12,09	L 11,8	1 13	5 M	H 14,45	12,43	3 15	5 M ,07	H 16,00
Heating capacity Water flow rate system side	I/h	6,86 590	5 8, 7:	4 M 55 35	H 10,00 860	7,63 656	9,	72 36	H 11,51 990	8,77 754	10	5 M ,10 68	H 10,52 905	10,0. 862	2 11	,65 002	H 12,09 1040	11,8°	1 13	5 M 5,80 187	H 14,45 1242	12,43 1069	3 15) 12	,07	H 16,00 1375
Heating capacity Water flow rate system side Pressure drop system side		6,86	5 8, 7:	4 M 55	H 10,00	7,63	9,	4 M 72	H 11,51	8,77	10	5 M ,10	H 10,52	10,0	2 11	5 M ,65	H 12,09	L 11,8	1 13	5 M	H 14,45	12,43	3 15) 12	5 M ,07	H 16,00
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2)	I/h kPa	6,86 590	8, 77 2	555 355 20	H 10,00 860 26	7,63 656 15	9,	72 36 23	H 11,51 990 31	8,77 754 19	10 86 2	,10 68	H 10,52 905 27	10,0. 862	2 11 10	,65 002	H 12,09 1040 16	11,8°	1 13 5 11	5 M 3,80 187	H 14,45 1242 20	12,43 1069 19	3 15 9 12 2	,07 296	H 16,00 1375 29
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity	I/h kPa kW	6,86 590 12	8, 7. 2	4 M 555 335 10	H 10,00 860 26 4,97	7,63 656 15	9, 8, 2	72 36 23	H 11,51 990 31 5,72	8,777 754 19	100 86 2	5 M ,10 68 25	H 10,52 905 27 5,23	10,0. 862 12	2 111 10 1	5 M ,65 002	H 12,09 1040 16 6,01	11,8° 1016 14	1 13 5 11 1 1	5 M 5,80 187 18	H 14,45 1242 20 7,18	12,43 1069 19	3 153 0 12 2 2	5 M ,07 296 26	H 16,00 1375 29 7,95
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side	I/h kPa kW I/h	6,86 590 12 3,41 586	1 8, 7, 7, 2 2 4, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	55 35 00 25	H 10,00 860 26 4,97 855	7,63 656 15 3,79 652	9, 88 2 2 4, 8	72 36 23 83 31	H 11,51 990 31 5,72 984	8,77 754 19 4,36 750	10 86 2 2 5, 86 86	5 M 1,10 668 25 02 63	H 10,52 905 27 5,23 899	10,0. 862 12 4,98 856	10 10 13 5,	5 M ,65 002 15	H 12,09 1040 16 6,01 1034	11,8 1016 14 5,87 1009	1 13 5 11 1 1 ' 6,	5 M 8,80 187 18	H 14,45 1242 20 7,18 1235	12,42 1069 19 6,18	3 15 2 2 3 7, 3 12	,07 ,07 ,296 ,26 ,49	H 16,00 1375 29 7,95 1367
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side	I/h kPa kW	6,86 590 12	1 8, 7, 7, 2 2 4, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	4 M 555 335 10	H 10,00 860 26 4,97	7,63 656 15	9, 88 2 2 4, 8	72 36 23	H 11,51 990 31 5,72	8,777 754 19	10 86 2 2 5, 86	5 M ,10 68 25	H 10,52 905 27 5,23	10,0. 862 12	10 10 13 5,	5 M ,65 002	H 12,09 1040 16 6,01	11,8° 1016 14	1 13 5 11 1 1 ' 6,	5 M 5,80 187 18	H 14,45 1242 20 7,18	12,43 1069 19	3 15 2 2 3 7, 3 12	5 M ,07 296 26	H 16,00 1375 29 7,95
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3)	I/h kPa kW I/h kPa	6,86 590 12 3,41 586	8, 77 2 2 1 4, 7, 2	4 M 55 35 20 25 331 20	H 10,00 860 26 4,97 855 26	7,63 656 15 3,79 652	9, 88 2 2 4, 88 2	72 36 23 83 31 23	H 11,51 990 31 5,72 984 31	8,777 754 19 4,366 750 19	10 100 88 2 2 5, 88 2 2	5 M 1,10 668 25 02 63	H 10,52 905 27 5,23 899 27	10,0. 862 12 4,98 856	2 111 10 1 1 3 5,	5 M ,65 002 15 79 96	H 12,09 1040 16 6,01 1034 16	11,8° 1016 14 5,87 1009	1 13 5 11 1 13 6 11 1 1	5 M 3,80 187 18 18 180	H 14,45 1242 20 7,18 1235 20	12,43 1069 19 6,18 1063 19	1 3 153 2 2 2 7, 3 12	5 M ,07 296 26 49	H 16,00 1375 29 7,95 1367 29
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity	I/h kPa kW I/h	6,86 590 12 3,41 586 13	1 8, 77 2 2 1 4, 7, 2 2 4, 7 4,	4 M 555 335 20 25 331 20	H 10,00 860 26 4,97 855 26	7,63 656 15 3,79 652 15	9, 8. 2 1 4, 8. 2	4 4 MM 772 772 772 773 773 773 773 773 773 773	H 11,51 990 31 5,72 984 31 5,67	8,777 754 19 4,36 750 19 4,24	10 10 80 2 2 5, 80 2 4 4,	5 M 1,10 68 25 02 63 25	H 10,52 905 27 5,23 899 27	10,0. 862 12 4,98 856	2 111 10 1 3 5, 9	5 M ,65 002 15 79 96 15	H 12,09 1040 16 6,01 1034 16	11,8 1016 14 5,87 1009 14	1 13 5 11 1 1 1 6,	5 M 1,80 187 18 18 180 180	H 14,45 1242 20 7,18 1235 20 5,95	12,43 1069 19 6,18 1063 19	3 15 3 15 2 2 4 7, 3 12 7,	5 M ,07 .296 .26 .49 .288 .26	H 16,00 1375 29 7,95 1367 29 8,07
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3)	I/h kPa kW I/h kPa	6,86 590 12 3,41 586	1 8, 77 2 2 4, 73 3, 0 3, 0 3, 0 3, 0 3, 0 3, 0 3, 0	4 M 555 335 20 25 331 20	H 10,00 860 26 4,97 855 26	7,63 656 15 3,79 652	9,9,9,8 8.8.2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	72 36 23 83 31 23	H 11,51 990 31 5,72 984 31	8,777 754 19 4,366 750 19	100 100 100 100 100 100 100 100 100 100	5 M 1,10 668 25 02 63	H 10,52 905 27 5,23 899 27	10,0. 862 12 4,98 856 12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 M ,65 002 15 79 96 15	H 12,09 1040 16 6,01 1034 16	11,8° 1016 14 5,87 1009	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 M 3,80 187 18 18 180	H 14,45 1242 20 7,18 1235 20	12,43 1069 19 6,18 1063 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 M ,07 ,296 ,26	H 16,00 1375 29 7,95 1367 29
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity	I/h kPa kW I/h kPa kW	590 12 3,41 586 13 3,37 2,70	1	4 4 M	H 10,00 860 26 4,97 855 26 4,65 3,92	7,63 656 15 3,79 652 15 4,15 2,93	9,9,9 88. 22. 24. 4,7. 5,7. 7.	72 72 336 23 83 83 23 02 660	H 11,51 990 31 5,72 984 31 5,67 4,12	8,77 754 19 4,36 750 19 4,24 3,24	1 10 10 10 10 10 10 10 10 10 10 10 10 10	55 M 1,10 668 25 02 02 663 25	H 10,52 905 27 5,23 899 27 5,18 4,02	10,0. 862 12 4,98 856 12 4,69 3,53	1 10 10 11 11 11 11 11 11 11 11 11 11 11	,65 ,002 15 .79 .96 .15	H 12,09 1040 16 6,01 1034 16 5,80 4,41	11,8° 1016 14 5,87 1009 14 4,38 3,11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 MM 187 188 188 180 180 18	H 14,45 1242 20 7,18 1235 20 5,95 4,73	12,42 1069 19 6,18 1063 19 6,35 4,20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 M ,07 ,296 ,26	H 16,00 1375 29 7,95 1367 29 8,07 5,40
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side	I/h kPa kW I/h kPa kW kW I/h	6,866 590 12 3,41 5866 13 3,377 2,70 580	1	44 MM 555 55 55 55 50 00 50 50 50 50 50 50 50	H 10,00 860 26 4,97 855 26 4,65 3,92 800	7,63 656 15 3,79 652 15 4,15 2,93 580	9,9,9 88. 22. 24. 4,7. 5,7. 7.	44 MM 772 336 83 331 23 660 002	H 11,51 990 31 5,72 984 31 5,67 4,12 800	8,77 754 19 4,36 750 19 4,24 3,24 729	1 10 10 10 10 10 10 10 10 10 10 10 10 10	55 MM 1,10 668 825 02 663 825 97 883	H 10,52 905 27 5,23 899 27 5,18 4,02 28	10,0.0. 862 12 4,9856 12 4,693 3,53 807	1 10 10 11 11 11 11 11 11 11 11 11 11 11	79 79 79 79 79 79 79 79 79 79 79 79 79 7	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997	11,8 10166 14 5,87 1009 14 4,38 3,11 753	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 MM 187 188 188 180 180 181 171	H 14,45 1242 20 7,18 1235 20 5,95 4,73 1023	12,43 1069 19 6,18 1063 19 6,35 4,20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 MM 2,07 296 26 49 288 288 26 62 62 63 83 83 83	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side	I/h kPa kW I/h kPa kW kW I/h	6,866 590 12 3,41 5866 13 3,377 2,70 580	1	44 MM 555 55 55 55 50 00 50 50 50 50 50 50 50	H 10,00 860 26 4,97 855 26 4,65 3,92 800	7,63 656 15 3,79 652 15 4,15 2,93 580	9,9,9 88. 22. 24. 4,7. 5,7. 7.	44 MM 772 336 83 331 23 660 002	H 11,51 990 31 5,72 984 31 5,67 4,12 800	8,77 754 19 4,36 750 19 4,24 3,24 729	1 10 10 10 10 10 10 10 10 10 10 10 10 10	55 MM 1,10 668 825 02 663 825 97 883	H 10,52 905 27 5,23 899 27 5,18 4,02 28	10,0.0. 862 12 4,9856 12 4,693 3,53 807	1 10 10 11 11 11 11 11 11 11 11 11 11 11	79 79 79 79 79 79 79 79 79 79 79 79 79 7	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997	11,8 10166 14 5,87 1009 14 4,38 3,11 753	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 MM 187 188 188 180 180 181 171	H 14,45 1242 20 7,18 1235 20 5,95 4,73 1023	12,43 1069 19 6,18 1063 19 6,35 4,20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 MM 2,07 296 26 49 288 288 26 62 62 63 83 83 83	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388
Heating capacity Water flow rate system side Pressure drop system side Heating per formance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan	I/h kPa kW I/h kPa kW I/h kPa	6,866 590 12 3,41 5866 13 3,377 2,70 580	1 1 4,7.7.2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	44 M 555 55 835 00 225 2331 00 00 08 334 002	H 10,00 860 26 4,97 855 26 4,65 3,92 800	7,63 656 15 3,79 652 15 4,15 2,93 580	9, 88, 88, 22, 24, 4, 4, 4, 22, 23, 3, 7, 7, 22,	44 MM 772 336 83 83 83 331 23 3 23 3 23 3 23 3 23 3 2	H 11,51 990 31 5,72 984 31 5,67 4,12 800	8,77 754 19 4,36 750 19 4,24 3,24 729	100 100 888 888 888 888 888 888 888 888	55 MM 1,10 668 825 02 663 225 97 883 555 26	H 10,52 905 27 5,23 899 27 5,18 4,02 28 28 Center	10,0.0 862 12 4,98 856 12 4,69 3,53 807	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 M ,65 ,65 ,002 15 779 996 15	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997	11,8 10166 14 5,87 1009 14 4,38 3,11 753	1 1 13 13 13 1 1 1 1 1 1 1 1 1 1 1 1 1	55 MM 187 188 188 180 18 18 111 117	H 14,45 1242 20 7,18 1235 20 5,95 4,73 1023	12,43 1069 19 6,18 1063 19 6,35 4,20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 M 296 296 266 49 288 26 62 8310 24	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number	l/h kPa kW l/h kPa kW l/h kPa type type no.	6,866 5900 12 3,41 5866 13 3,377 2,700 580	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44 M 555 55 385 00 225 23 331 00 00 8 334 002	H 10,00 860 26 4,97 855 26 4,65 3,92 800 26	7,633 6566 15 3,79 652 15 4,155 2,93 580	9, 88 88 88 2 2 2 5, 7, 7, 7, 7	44 MM	H 11,51 990 31 5,72 984 31 5,67 4,12 800 28	8,777 754 19 4,366 750 19 4,24 3,24 729 20	1 100 80 80 80 80 80 80 80 80 80 80 80 80 8	55 MV 1,10 668 02 02 663 02 55 97 88 3 55 26	H 10,52 905 27 5,23 899 27 5,18 4,02 28 28 Centri	10,00 862 12 4,98 856 12 4,69 3,53 807 12	1 10 10 11 11 11 11 11 11 11 11 11 11 11	55 WM ,655 ,650 ,650 ,650 ,79 ,79 ,996 ,553 ,200 ,551 ,666 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665 ,665	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997 17	11,8 1016 14 5,87 1009 14 4,38 3,11 753 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 MM	H 14,45 1242 20 7,18 1235 20 5,95 4,73 1023 17	12,4: 1069 19 6,18 1063 19 6,35 4,20 1092 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 MV ,07 ,07 ,096 26 49 49 4888 26 62 62 62 64 83 10 24	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388 27
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate	l/h kPa kW l/h kPa kW l/h kPa type type no. m³/h	6,866 590 12 3,41 5866 13 3,37 2,70 580 15	1 1 4, 7. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	55 55 35 50 00 25 25 25 33 100 00 8 33 4 00 21	H 10,00 860 26 4,97 855 26 4,65 3,92 800 26	15 3,79 652 15 4,15 2,93 580 16	9, 88. 88. 22 2 2 3 3, 77. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	44 MM	H 11,51 990 31 5,72 984 31 5,67 4,12 800 28	8,777 754 19 4,366 750 19 4,24 3,24 729 20	1 10 10 10 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	55 WM 1,10 668 825 002 663 205 97 883 555 266 3	H 10,52 905 27 5,23 899 27 5,18 4,02 28 28 Central Asynchemics	10,0.0 862 12 4,98 8566 12 4,69 3,53 807 12 rifugal pronous	1 10 10 10 10 10 10 10 10 10 10 10 10 10	55 MV ,655 MV ,665 MV	H 112,09 11040 16 6,01 11034 16 5,80 4,41 997 17	11,8 10166 14 5,87 1009 14 4,38 3,11 753 10	1 1 133 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	H 14,45 1242 20 7,18 1235 20 5,95 4,73 1023 17	12,4: 1069 19 6,188 1063 19 6,355 4,20 1092 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 M ,07 ,07 ,096 26 49 49 4888 806 62 62 62 64 94 94 94 94 94 94 94 94 94 94 94 94 94	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388 27
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure	kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h Pa	12 6,866 590 12 3,41 5866 13 3,37 2,70 580 15	1 1 4,77. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	55 55 33 500 25 25 33 100 08 34 002 21	H 10,00 860 26 4,97 855 26 4,65 3,92 800 26	7,63 656 15 3,79 652 15 4,15 2,93 580 16	9, 9, 8.8. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	44 MM	H 11,51 990 31 5,72 984 31 5,67 4,12 800 28	8,777 754 19 4,366 750 19 4,24 3,24 729 20 785 32	1 10 100 100 100 100 100 100 100 100 10	55 MV 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10	H 10,52 905 27 5,23 899 27 5,18 4,02 28 28 Centra Asynch 1050 58	10,0.0 862 12 4,98 8566 12 4,69 3,53 807 12 rifugal pronou:	1 10 10 10 10 10 10 10 10 10 10 10 10 10	55 MM ,,65 ,,65 ,,65 ,,65 ,,65 ,,65 ,,79 ,,96 ,,15 ,,53 ,,20 ,,53 ,,20 ,,55 ,,20 ,,55 ,,16 ,,16 ,,16 ,,16 ,,16 ,,16 ,,16	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997 17 1050 58	11,8 1016 14 5,87 1009 14 4,38 3,11 753 10	1 1 133 1 1 133 1 1 1 1 1 1 1 1 1 1 1 1	55 55 56 57,80 18 18 18 18 18 18 18 18 19 10 11 11 11 11 11 11 11 11 11	14,45 1242 20 7,18 1235 20 5,95 4,73 1023 17	12,4: 1069 19 6,18 1063 19 6,35 4,20 1092 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 M ,07 ,07 ,096 ,026 ,026 ,026 ,03 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,0	H 16,00 1375 29 77,95 1367 29 8,07 5,40 1388 27
Heating capacity Water flow rate system side Pressure drop system side Heating per formance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power	l/h kPa kW l/h kPa kW l/h kPa type type no. m³/h	12 6,866 590 12 3,41 5866 13 3,37 2,70 580 15 567 27 66	1 1 4, 7. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	555 5500 600 600 600 600 600 600 600 600	H 10,00 860 26 4,97 855 26 4,65 3,92 800 26 920 71 118	15 3,79 652 15 4,15 2,93 580 16 567 27 66	9, 9, 88. 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	772 772 772 773 883 883 833 833 833 833 833 833 833	H 11,51 990 31 5,72 984 31 5,67 4,12 800 28 920 71 118	8,777 754 19 4,366 750 19 4,24 729 20 785 32 92	1 100 888 88 88 2 2 2 2 2 2 2 2 2 2 2 2 2 2	55 WI 1,10 168 102 102 103 103 104 105 105 105 105 105 105 105 105	H 10,52 905 27 5,23 899 27 5,18 4,02 28 Centri Asynch 1050 58 138	10,00 862 12 4,98 8566 12 4,69 3,53 8077 12 rifugal ronouu	1 100 110 110 110 110 110 110 110 110 1	55 MM , , , , , , , , , , , , , , , , ,	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997 17 1050 58 138	11,8 1016 14 5,87 1009 14 4,38 3,11 753 10 785 32 92	1 1335 111 1355 111 1 1 1 1 1 1 1 1 1 1	55 MM	14,45 1242 20 7,18 1235 20 5,95 4,73 1023 17 1050 58 138	12,42 1069 19 6,18 1063 19 6,355 4,20 1092 18 785 32 92	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 MV ,07 ,07 ,07 ,096 .026 .026 .026 .038 .031 .031 .032 .033 .033 .033 .034 .034 .034 .035 .035 .035 .035 .035 .035 .035 .035	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388 27
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Electrical wiring	kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h Pa	12 6,866 590 12 3,41 5866 13 3,37 2,70 580 15	1 1 4, 7. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	55 55 33 500 25 25 33 100 08 34 002 21	H 10,00 860 26 4,97 855 26 4,65 3,92 800 26	7,63 656 15 3,79 652 15 4,15 2,93 580 16	9, 9, 88. 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	44 MM	H 11,51 990 31 5,72 984 31 5,67 4,12 800 28	8,777 754 19 4,366 750 19 4,24 3,24 729 20 785 32	1 100 888 88 88 2 2 2 2 2 2 2 2 2 2 2 2 2 2	55 MV 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1,10	H 10,52 905 27 5,23 899 27 5,18 4,02 28 28 Centra Asynch 1050 58	10,0.0 862 12 4,98 8566 12 4,69 3,53 807 12 rifugal pronou:	1 100 110 110 110 110 110 110 110 110 1	55 MM ,,65 ,,65 ,,65 ,,65 ,,65 ,,65 ,,79 ,,96 ,,15 ,,53 ,,20 ,,53 ,,20 ,,55 ,,20 ,,55 ,,16 ,,16 ,,16 ,,16 ,,16 ,,16 ,,16	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997 17 1050 58	11,8 1016 14 5,87 1009 14 4,38 3,11 753 10	1 1335 111 1355 111 1 1 1 1 1 1 1 1 1 1	55 55 56 57,80 18 18 18 18 18 18 18 18 19 10 11 11 11 11 11 11 11 11 11	14,45 1242 20 7,18 1235 20 5,95 4,73 1023 17	12,4: 1069 19 6,18 1063 19 6,35 4,20 1092 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 M ,07 ,07 ,096 ,026 ,026 ,026 ,03 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,049 ,0	H 16,00 1375 29 77,95 1367 29 8,07 5,40 1388 27
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Electrical wiring Duct type fan coil sound data (4)	l/h kPa kW l/h kPa kW l/h kPa type type no. m³/h Pa W	6,866 590 12 3,41 586 13 3,37 2,70 580 15	1	44 M M M M M M M M M M M M M M M M M M	H 10,00 860 26 4,97 855 26 4,65 3,92 800 26 71 118 V7	7,633 6566 15 3,799 652 15 4,155 2,93 5800 16	9, 88. 88. 22 2 2 3 3, 77. 2 2 8 8 N	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	H 11,51 990 31 5,72 984 31 5,67 4,12 800 28 920 71 118 V7	8,777 754 19 4,366 7500 19 4,24 3,24 729 20 785 32 92 V2	100 80 80 22 25 11 N	55 M M,10 668 825 002 663 225 97 883 555 26	H 10,52 905 27 5,23 899 27 5,18 4,02 28 28 Centra Asyncti	10,0 862 12 4,98 8566 12 4,69 3,53 807 12 rifugal rronou:	1 10 10 10 10 10 10 10 10 10 10 10 10 10	55 M M	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997 17 1050 58 138 V7	11,8 1010101 14 5,87 1009 14 4,38 3,11 753 32 92 V2	1 1 13 5 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 MM	14,45 1242 20 7,18 1235 20 5,95 4,73 1023 17 1050 58 138 V7	12,4: 1069 19 6,188 1063 19 6,359 4,20 1099 18 785 32 92 V2	1	55 M M 7,07 7,07 7,07 7,07 7,07 7,07 7,07	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388 27
Heating capacity Water flow rate system side Pressure drop system side Heating per formance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Electrical wirring Duct type fan coil sound data (4) Sound power level (inlet + radiated)	kW V/h kPa kW V/h kPa type type no. m³/h Pa W dB(A)	500 12 3,41 586 13 3,37 2,70 580 15 567 27 66 V1	1 1 4, 77. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	44 M M M M M M M M M M M M M M M M M M	H 10,00 860 26 4,97 855 26 4,65 3,92 800 26 71 118 V7	7,63 656 15 3,79 652 15 4,155 2,93 580 16 567 27 66 V1	9, 88. 88. 88. 88. 88. 88. 88. 88. 88. 88	44 WW W	H 11,51 990 31 5,72 984 31 5,67 4,12 800 28 920 71 118 V7	8,777 754 19 4,366 7500 19 4,24 3,24 729 20 785 32 92 V2	100 886 886 22 22 22 22 22 22 22 22 22 22 22 22 22	55 M M,10 668 825 002 663 225 97 883 555 26 117 75	H 10,52 905 27 5,23 899 27 5,18 4,02 28 28 Central Asynch 1050 58 138 V7	10,00 862 12 4,98 856 12 4,69 3,53 807 12 785 32 92 V2	1 10 10 10 10 10 10 10 10 10 10 10 10 10	55 M M	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997 17 1050 58 138 V7	11,8 1016 14 14 15,87 1009 14 4,388 3,11 753 10 7855 32 92 V2 54,0	1 1 13 5 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 M 6,80 1887 188 188 188 188 188 198 197 197 197 197 197 197 197 197	14,45 1242 20 7,18 1235 20 5,95 4,73 1023 17 1050 58 138 V7	12,4: 1065 19 6,188 1063 19 6,355 4,20 1092 18 785 32 92 V2	99 11 11 12 12 13 14 15 15 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	55 M ,07 ,07 ,096 ,06 ,08 ,08 ,08 ,096 ,096 ,096 ,096 ,096 ,097 ,096 ,097 ,097 ,097 ,097 ,097 ,097 ,097 ,097	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388 27 1050 58 138 V7
Heating capacity Water flow rate system side Pressure drop system side Heating per formance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Electrical wiring Duct type fan coil sound data (4) Sound power level (inlet + radiated) Sound power level (outlet)	l/h kPa kW l/h kPa kW l/h kPa type type no. m³/h Pa W	500 12 3,41 586 13 3,37 2,70 580 15 567 27 66 V1	1 1 4, 77. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	44 M M M M M M M M M M M M M M M M M M	H 10,00 860 26 4,97 855 26 4,65 3,92 800 26 71 118 V7	7,633 6566 15 3,799 652 15 4,155 2,93 5800 16	9, 88. 88. 88. 88. 88. 88. 88. 88. 88. 88	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	H 11,51 990 31 5,72 984 31 5,67 4,12 800 28 920 71 118 V7	8,777 754 19 4,366 7500 19 4,24 3,24 729 20 785 32 92 V2	100 886 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	55 M M,10 668 825 002 663 225 97 883 555 26	H 10,52 905 27 5,23 899 27 5,18 4,02 28 28 Centra Asyncti	10,0 862 12 4,98 8566 12 4,69 3,53 807 12 rifugal rronou:	1 10 10 10 10 10 10 10 10 10 10 10 10 10	55 M M	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997 17 1050 58 138 V7	11,8 1010101 14 5,87 1009 14 4,38 3,11 753 32 92 V2	1 1 13 5 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 MM	14,45 1242 20 7,18 1235 20 5,95 4,73 1023 17 1050 58 138 V7	12,4: 1069 19 6,188 1063 19 6,359 4,20 1099 18 785 32 92 V2	99 11 11 12 12 13 14 15 15 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	55 M ,07 ,07 ,096 ,06 ,08 ,08 ,08 ,096 ,096 ,096 ,096 ,096 ,097 ,096 ,097 ,097 ,097 ,097 ,097 ,097 ,097 ,097	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388 27
Heating capacity Water flow rate system side Pressure drop system side Heating per formance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Electrical wiring Duct type fan coil sound data (4) Sound power level (inlet + radiated) Sound power level (outlet) Water coil	kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h Pa W dB(A) dB(A)	500 12 3,41 586 13 3,37 2,70 580 15 567 27 66 V1	7. 7. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	44 M M M M M M M M M M M M M M M M M M	H 10,00 860 26 4,97 855 26 4,65 3,92 800 26 71 118 V7	7,63 656 15 3,79 652 15 4,155 2,93 580 16	77 77 5 8 8 8 8 8 8 8 8 8 8 7 7 7 5 5 8 8 8 8	44 MM 772 7836 783 883 883 883 883 883 883 883 883 883	H 11,51 990 31 5,72 984 31 5,67 4,12 800 28 920 71 118 V7	8,777 754 19 4,366 7500 19 4,24 3,24 729 20 785 32 92 V2	100 100 100 100 100 100 100 100 100 100	55 M 1,10 668 25 002 663 225 97 883 555 226 3 17 7/5	H 10,52 905 27 5,23 899 27 5,18 4,02 28 28 Central Asynch 1050 58 138 V7	10,00 862 12 4,98 856 12 4,69 3,53 807 12 785 32 92 V2	1 10 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 M	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997 17 1050 58 138 V7	11,8 1016 14 14 15,87 1009 14 4,388 3,11 753 10 7855 32 92 V2 54,0	99 11 12 13 13 13 13 13 14 14 15 16 16 16 16 16 16 16 16 16 16	5 M M 8,80 1887 188 188 188 188 188 188 188 188 188 188	14,45 1242 20 7,18 1235 20 5,95 4,73 1023 17 1050 58 138 V7	12,4: 1065 19 6,188 1063 19 6,355 4,20 1092 18 785 32 92 V2	99 11 12 13 14 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18	55 M ,07 ,07 ,096 ,026 49 ,49 ,888 ,810 ,62 ,62 ,08 ,810 ,17 ,78 ,50 ,50 ,78 ,50 ,78 ,78 ,50 ,78 ,78 ,78 ,78 ,78 ,78 ,78 ,78 ,78 ,78	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388 27 1050 58 138 V7
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Electrical wiring Duct type fan coil sound data (4) Sound power level (inlet + radiated) Sound power level (outlet) Water coil Water coil	kW V/h kPa kW V/h kPa type type no. m³/h Pa W dB(A)	500 12 3,41 586 13 3,37 2,70 580 15 567 27 66 V1	7. 7. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	44 M M M M M M M M M M M M M M M M M M	H 10,00 860 26 4,97 855 26 4,65 3,92 800 26 71 118 V7	7,63 656 15 3,79 652 15 4,155 2,93 580 16	77 77 5 8 8 8 8 8 8 8 8 8 8 7 7 7 5 5 8 8 8 8	44 WW W	H 11,51 990 31 5,72 984 31 5,67 4,12 800 28 920 71 118 V7	8,777 754 19 4,366 7500 19 4,24 3,24 729 20 785 32 92 V2	100 100 100 100 100 100 100 100 100 100	55 M M,10 668 825 002 663 225 97 883 555 26 117 75	H 10,52 905 27 5,23 899 27 5,18 4,02 28 28 Central Asynch 1050 58 138 V7	10,00 862 12 4,98 856 12 4,69 3,53 807 12 785 32 92 V2	1 10 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 M M	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997 17 1050 58 138 V7	11,8 1016 14 14 15,87 1009 14 4,388 3,11 753 10 7855 32 92 V2 54,0	99 11 12 13 13 13 13 13 14 14 15 16 16 16 16 16 16 16 16 16 16	55 M 6,80 1887 188 188 188 188 188 198 197 197 197 197 197 197 197 197	14,45 1242 20 7,18 1235 20 5,95 4,73 1023 17 1050 58 138 V7	12,4: 1065 19 6,188 1063 19 6,355 4,20 1092 18 785 32 92 V2	99 11 12 13 14 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18	55 M ,07 ,07 ,096 ,06 ,08 ,08 ,08 ,096 ,096 ,096 ,096 ,096 ,097 ,096 ,097 ,097 ,097 ,097 ,097 ,097 ,097 ,097	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388 27 1050 58 138 V7
Heating capacity Water flow rate system side Pressure drop system side Heating per formance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Electrical wiring Duct type fan coil sound data (4) Sound power level (inlet + radiated) Sound power level (outlet) Water coil	kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h Pa W dB(A) dB(A)	500 12 3,41 586 13 3,37 2,70 580 15 567 27 66 V1	7. 7. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	44 M M M M M M M M M M M M M M M M M M	H 10,00 860 26 4,97 855 26 4,65 3,92 800 26 71 118 V7	7,63 656 15 3,79 652 15 4,155 2,93 580 16	77 77 5 8 8 8 8 8 8 8 8 8 8 7 7 7 5 5 8 8 8 8	44 MM 772 7836 783 883 883 883 883 883 883 883 883 883	H 11,51 990 31 5,72 984 31 5,67 4,12 800 28 920 71 118 V7	8,777 754 19 4,366 7500 19 4,24 3,24 729 20 785 32 92 V2	100 100 100 100 100 100 100 100 100 100	55 M 1,10 668 25 002 663 225 97 883 555 226 3 17 7/5	H 10,52 905 27 5,23 899 27 5,18 4,02 28 Centri Asynch 1050 58 138 V7 62,0 61,0	10,00 862 12 4,98 856 12 4,69 3,53 807 12 785 32 92 V2	2 111 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 M	H 12,09 1040 16 6,01 1034 16 5,80 4,41 997 17 1050 58 138 V7	11,8 1016 14 14 15,87 1009 14 4,388 3,11 753 10 7855 32 92 V2 54,0	99 11 12 13 13 13 13 13 14 14 15 16 16 16 16 16 16 16 16 16 16	5 M M 8,80 1887 188 188 188 188 188 188 188 188 188 188	14,45 1242 20 7,18 1235 20 5,95 4,73 1023 17 1050 58 138 V7	12,4: 1065 19 6,188 1063 19 6,355 4,20 1092 18 785 32 92 V2	99 11 12 13 14 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18	55 M ,07 ,07 ,096 ,026 49 ,49 ,888 ,810 ,62 ,62 ,08 ,810 ,17 ,78 ,50 ,50 ,78 ,50 ,78 ,78 ,50 ,78 ,78 ,78 ,78 ,78 ,78 ,78 ,78 ,78 ,78	H 16,00 1375 29 7,95 1367 29 8,07 5,40 1388 27 1050 58 138 V7

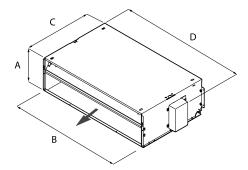
⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

		F	CZ201P	0	F	CZ301P	0	FO	Z401P	0	F	CZ501P	0	FC	CZ601P	0	F	CZ701P	0	F	CZ901P	0
		2	4	6	1	4	6	1	3	6	1	5	6	1	4	7	2	5	7	2	5	7
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 65 °C / 55 °C (1)																						
Heating capacity	kW	1,06	1,37	1,48	1,82	2,39	2,55	2,19	2,75	2,99	2,59	3,30	3,34	3,13	3,85	4,35	4,13	4,40	4,60	5,16	5,71	5,77
Water flow rate system side	l/h	93	120	130	159	210	223	192	240	262	226	290	301	274	336	381	361	385	403	452	500	504
Pressure drop system side	kPa	5	8	9	8	12	14	5	7	8	6	9	9	9	13	16	16	15	17	10	12	12
Cooling performance 7 °C / 12 °C (2)																						
Cooling capacity	kW	0,93	1,30	1,44	1,70	2,40	2,63	2,29	3,06	3,41	2,68	3,65	3,82	3,37	4,08	4,65	4,24	4,97	5,18	4,38	5,33	5,95
Sensible cooling capacity	kW	0,74	1,14	1,18	1,27	1,86	2,03	1,66	2,24	2,52	1,94	2,70	2,83	2,70	3,34	3,92	3,24	3,83	4,02	3,11	4,11	4,73
Water flow rate system side	I/h	160	224	248	292	413	452	394	526	586	461	628	657	580	702	800	729	855	28	753	917	1023
Pressure drop system side	kPa	8	13	15	8	16	18	11	18	22	13	22	24	15	21	26	20	26	28	10	14	17
Fan																						
Туре	type										C	entrifug	al									
Fan motor	type										Asy	nchron	ous									
Number	no.		1			2			2			2			3			3			3	
Air flow rate	m³/h	148	226	254	263	404	446	346	487	559	400	592	627	567	770	920	785	978	1050	785	978	1050
High static pressure	Pa	21	50	63	21	50	61	25	50	66	22	50	56	27	50	71	32	50	58	32	50	58
Input power	W	28	41	74	38	55	78	53	63	102	49	80	627	66	89	118	92	117	138	92	117	138
Electrical wiring		V2	٧4	V6	V1	٧4	V6	V1	V3	V6	V1	V5	V6	V1	٧4	٧7	V2	V5	V7	V2	V5	٧7
Duct type fan coil sound data (3)																						
Sound power level (inlet + radiated)	dB(A)	41,0	56,0	59,0	39,0	51,0	54,0	44,0	54,0	55,0	45,0	55,0	57,0	46,0	56,0	61,0	54,0	60,0	62,0	54,0	60,0	62,0
Sound power level (outlet)	dB(A)	37,0	52,0	55,0	35,0	47,0	49,0	40,0	50,0	52,0	41,0	51,0	53,0	44,0	54,0	60,0	52,0	59,0	61,0	52,0	59,0	61,0
Water coil																						
Water content main coil	1		0,5			0,8			1,0			1,0			1,2			1,2			1,8	
Water content the secondary coil			0,2			0,3			0,3			0,3			0,4			0,4			0,7	
Diametre hydraulic ÿ ttings																						
Main coil	Ø		1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
Secondary coil	Ø											1/2"										

⁽¹⁾ Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C, EUROVENT
(2) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(3) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

DIMENSIONS

Net weight



P FCZ550P 216 973 453 1013 24 FCZ1000P 216 1122 558
973 453 1013 24 FCZ1000P
973 453 1013 24 FCZ1000P
453 1013 24 FCZ1000P 216 1122
1013 24 FCZ1000P 216 1122
24 FCZ1000P 216 1122
FCZ1000P 216 1122
216 1122
1122
1122
558
1147
32
FCZ502P
216
973
453
1013
24
FCZ1001P
FCZ1001P
FCZ1001P 216
,

30

31

30

31

32

32

kg

30

31

Aermec S.p.A.Via Roma, 996 - 37040 Bevilacqua (VR) - Italia Tel. 0442633111 - Telefax 044293577 www.aermec.com



















FCZIP

Fan coil unit for ducted installations

Cooling capacity 0,89 ÷ 8,60 kW Heating capacity 2,02 ÷ 17,02 kW

- Electric saving equal to 50% with respect to a fan coil with 3-speed motor
- Suitable for duct-type installations too
- Total comfort: reduced variations in temperature and relative humidity
- · Vertical and horizontal installation
- Very quiet





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DESCRIPTION

fan coil can be installed in any 2/4 pipe system and operates with any heat generator even at low temperatures, and thanks to varied versions and settings, it is easy to pick the ideal solution for any need.

FEATURES

Ventilation group

Centrifugal fans in anti-static plastic material with aerofoil profile designed to achieve high airflows and pressures whilst at the same time producing low noise.

Their characteristics permit energy savings compared to conventional fans.

They are statically and dynamically balanced and directly coupled to the motor shaft.

The Brushless electric motor with 0-100% continuous speed variation, which allows precise adaptation to the real demands of the internal environment without temperature fluctuations.

Heat exchanger coil

With copper pipes and aluminium fins, the standard or oversized main coil and the possible secondary coil have female gas water connections on the left side and the manifolds have air vents.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

Reversibility of the water connections during installation only for units with a standard or boosted main coil, or standard with BV accessory. Not reversible in all other configurations. In any case, units with the coil water connections on the right are available at the time of ordering.

Condensate drip

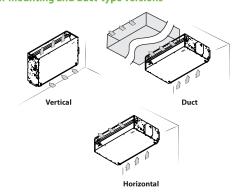
Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Air filte

Air filter class Coarse 25% for all versions easy to pull out and clean.

VERSIONS

Flush-mounting and duct-type versions



In the standard configuration there is no useful static pressure available. If necessary for canaled installations, you must act on the engine dip switches, for more details refer to the technical documentation.

GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Field	Description
1,2,3,4	FCZI
5	Size 2, 3, 4, 5, 7, 9
6	Main coil
0	Standard
5	Oversized
7	Secondary coil

Field	Description
0	Without coil
1	Standard
2	Oversized
8	Version
P	Flush-mounting, without cabinet
PR	Flush-mounting, without cabinet, with water connections on right-hand side

SIZE AVAILABLE FOR VERSION

Size		200	201	202	250	300	301	302	350	400	401	402	450
Versions produced (by size)													
Versions available (by size)	P,PR	•	•	•	•	•	•	•	•	•	•	•	•
		500	501	502	550	700	701	702	750	900	901	950	
Versions produced (by size)													
Versions available (by size)	P,PR	•		•	•	•	•	•	•	•	•	•	

ACCESSORIES

Control panels

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

PXAI: Thermostat on the machine for controlling the fan coils (both with asynchronous and brushless motors), complete with water and air probes to be positioned in the relative seats, and a plastic support to fix

VMF system

VMF-E19I: Thermostat for inverter unit to be fixed on the side of the fan coil, fitted as standard with an air and water probe.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

Water valves

VCZ_X: 3-way valve kit for single-coil fan coil, RH connections, for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves,

(Heating only) additional coil

BV: Single row hot water heat exchanger.

Installation accessories

AMP: Wall mounting kit

DSC: Condensate drainage device.

BC: Condensate drip. **BCZ:** Condensate drip.

Ventilcassaforma: Galvanised sheet metal template. It makes it possible to obtain directly in the wall a space for housing the fan coil.

GA: Intake grid with fixed louvers

GAF: Intake grid with filter and fixed louvers

GM: Flow grid with adjustable louvers.

PA: Intake plenum in galvanised sheet metal, complete with suction couplings for circular-section ducts.

PAF: Intake plenum providing recovery and delivery on the same side, for all installations where the machine needs to be positioned outside the air conditioned rooms to minimise the noise levels and facilitate maintenance.

PM: Delivery plenum with circular flanges. Sandwich structure in hot galvanised steel, with interposed polyurethane foam (40 kg/m3). The panel is 15 mm thick. It is installed in place of the delivery panel with a rectangular flange, using the same 4 self-threading screws.

it on the side of the unit. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, purifier devices (Cold Plasma and germicidal lamp), or radiant plate.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

VMF-SW: Water temperature probe.

VMF-SW1: Extra water probe to be used for 4-pipe systems.

and the relative hydraulic couplings. X4L version for fan coils with LH connections, and X4R for fan coils with RH connections. 230V~50Hz power supply.

RD: Straight delivery coupling for canalisation. **RDA:** Straight suction coupling for canalisation.

RP: 90° delivery coupling. **RPA:** 90° suction coupling.

Accessories for ducting

MZC: Plenum with motorised dampers.

RDA_V: Straight intake connection with rectangular flange.

RPA_V: Suction plenum with rectangular flange; both sides have a circular push-out Ø 150mm that can be removed.

RDA_C: Straight intake connection with circular flanges.

PA_V: Suction plenum with circular plastic flanges; both sides have a circular push-out Ø 150mm that can be removed.

PM_V: Internally insulated delivery plenum with circular flanges; both sides have a circular push-out Ø 150mm that can be removed.

RPM_V: Internally insulated delivery plenum with rectangular flange; both sides have a circular push-out Ø 150mm that can be removed.

RDM_V: Straight delivery coupling in galvanised sheet metal.

RDM_C: Straight discharge internally insulated, with circular flanges.

ACCESSORIES COMPATIBILITY

Control panels

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
AER503IR (1)	P,PR	•				•	•		•	•	•	•	•		•	•	•		•		•	•	•	•
PR0503	P,PR				•		•	•			•												•	
PXAI	P,PR				•			•			•												•	
SA5 (2)	P,PR			•							•											•	•	
SW3 (2)	P,PR	•		•	•	•			•	•	•	•				•	•	•		•	•	•	•	•
SW5 (2)	P,PR	•				•	•		•	•	•	•				•		•			•	•	•	•
TX (1)	P,PR										•												•	•

For more information about VMF system, refer to the dedicated documentation.

VMF system

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
VMF-E19I	P,PR		•	•	•		•	•	•		•	•			•	•	•	•	•			•	•	•
VMF-E3	P,PR		•	•	•		•	•	•	•	•	•	•	•	•			•		•	•	•	•	•
VMF-E4DX	P,PR																							•
VMF-E4X	P,PR		•	•		•	•				•	•			•	•	•					•	•	•
VMF-IR	P,PR		•	•		•	•				•	•			•	•	•					•	•	•
VMF-SW	P,PR			•							•	•			•	•	•						•	
VMF-SW1	P,PR																							•

Water valves

Valve Kit for 4 pipe systems - Requires a thermostat with valve management

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
VCZ1X4L (1)	P,PR	•			•																			
VCZ1X4R (1)	P,PR	•			•																			
VCZ2X4L (1)	P,PR									•			•				•							
VCZ2X4R (1)	P,PR					•			•				•	•			•				•			
VCZ3X4L (1)	P,PR																							•
VCZ3X4R (1)	P,PR																					•		•

⁽¹⁾ The valves can be combined with the units if there is a control panel for managing them.

3 way valve kit

5 Way valve Kit												
	200	201	202	250	300	301	302	350	400	401	402	450
Main sail	VCZ41	VCZ41	VCZ41	VCZ41	VCZ42							
Main coil	VCZ4124	VCZ4124	VCZ4124	VCZ4124	VCZ4224							
Casandamissil		VCF44	VCF44			VCF44	VCF44			VCF44	VCF44	
Secondary coil	-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-
Addisional acit/(DW/	VCF44				VCF44				VCF44			
Additional coil "BV"	VCZ4424	-	-	-	VCZ4424	-	-	-	VCZ4424	-	-	-
	500	501	502	550	700	701	702	750	900	901	950	
Mate will	VCZ42	VCZ43	VCZ43	VCZ43								
Main coil	VCZ4224	VCZ4324	VCZ4324	VCZ4324								
		VCF44	VCF44			VCF44	VCF44			VCF45		
Secondary coil	-	VCZ4424	VCZ4424	-	-	VCZ4424	VCZ4424	-	-	VCZ4524	-	
Addies Leath (IDM)	VCF44				VCF44				VCF45			
Additional coil "BV"	VCZ4424	-	-	-	VCZ4424	-	-	-	VCZ4524	-	-	

⁽¹⁾ Wall-mount installation.(2) Probe for AER503IR-TX thermostats, if fitted.

2 way valve kit

200	201	202	250	300	301	302	350	400	401	402	450
VCZD1	VCZD1	VCZD1	VCZD1	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2
VCZD124	VCZD124	VCZD124	VCZD124	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224
	VCFD4	VCFD4			VCFD4	VCFD4			VCFD4	VCFD4	
-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-
VCFD4				VCFD4				VCFD4			
VCZD424	-	-	-	VCZD424	-	-	-	VCZD424	-		
500	501	502	550	700	701	702	750	900	901	950	
VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD3	VCZD3	VCZD3	
VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD324	VCZD324	VCZD324	
	VCFD4	VCFD4			VCFD4	VCFD4			VCFD4		
-	VCZD424	VCZD424	-	-	VCZD424	VCZD424	-	-	VCZD424	-	
VCFD4				VCFD4				VCFD4			
VCZD424	-	-	-	VCZD424	-	-	-	VCZD424	-	-	
	VCZD1 VCZD124 VCFD4 VCZD424 - VCZD2 VCZD224 - VCFD4	VCZD1 VCZD1 VCZD124 VCZD124 VCFD4 VCZD424 VCFD4 VCZD424 VCZD424 S00 S01 VCZD2 VCZD2 VCZD224 VCZD224 VCFD4 VCZD424 VCFD4 VCFD4	VCZD1 VCZD1 VCZD124 VCZD124 VCZD124 VCZD124 VCFD4 VCFD4 VCFD424 VCFD4 VCZD424 VCZD424 VCFD4 VCZD424 VCZD424 S00 S01 S02 VCZD2 VCZD2 VCZD2 VCZD224 VCZD224 VCZD224 VCFD4 VCFD4 VCZD424 VCFD4 VCZD424 VCZD424	VCZD1 VCZD1 VCZD1 VCZD124 VCZD124 VCZD124 VCZD124 VCZD124 VCFD4 VCFD4 VCFD424 VCZD424 VCFD4 VCZD424 VCZD424 VCZD424 VCZD424 VCZD424 VCZD424 VCZD424 VCZD2 VCZD2 VCZD2 VCZD2 VCZD224 VCZD224 VCZD224 VCZD224 VCFD4 VCFD4 VCZD424 VCZD424 VCFD4 VCZD424 VCZD424 VCZD424	VCZD1 VCZD1 VCZD1 VCZD1 VCZD24 VCZD124 VCZD124 VCZD124 VCZD124 VCZD224 VCFD4 VCFD4 VCFD4 VCFD4 VCFD4 VCZD424 VCFD4 VCFD4 VCZD424 VCZD424 VCFD4 VCFD4 VCZD424 VCZD424 VCZD424 VCZD424 S00 S01 S02 S50 700 VCZD2 VCZD2 VCZD2 VCZD2 VCZD2 VCZD224 VCZD224 VCZD224 VCZD224 VCZD224 VCZD224 VCFD4 VCFD4 VCZD424 VCFD4 VCFD4 VCFD4	VCZD1 VCZD1 VCZD1 VCZD1 VCZD2 VCZD24 VCZD124 VCZD124 VCZD124 VCZD224 VCZD224 VCZD224 VCFD4 VCFD4 VCFD4 VCFD4 VCFD4 VCFD4 VCZD424 VCZD424 VCZD424 VCFD4 VCZD424 VCFD4 VCZD424 VCZD424 VCZD424 VCZD424 VCZD424 S00 S01 S02 S50 700 701 VCZD2 VCZD2 VCZD2 VCZD2 VCZD2 VCZD2 VCZD224 VCZD224 VCZD224 VCZD224 VCZD224 VCZD224 VCZD224 VCFD4 VCFD4 VCZD424 VCZD424 VCZD424 VCZD424	VCZD1 VCZD1 VCZD1 VCZD1 VCZD2 VCZD2 VCZD2 VCZD2 VCZD24 VCZD424 VC	VCZD1 VCZD1 VCZD1 VCZD1 VCZD2 VCZD2 VCZD2 VCZD2 VCZD24 VCZD224 V	VCZD1 VCZD1 VCZD1 VCZD1 VCZD2 VCZD224 VCZD424 VCZD424	VCZD1 VCZD1 VCZD1 VCZD1 VCZD2 VCZD24 VCZD224 VCZD224	VCZD1 VCZD1 VCZD1 VCZD1 VCZD2 VCZD22 VCZD22 VCZD224 VCZD224 VCZD224 VCZD224 VCZD424 VCFD4 VCFD4 VCFD4 VCFD4 VCZD424 VCZD424

(Heating only) additional coil

Heating only additional coil

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
BV122 (1)	P,PR	•																						
BV132 (1)	P,PR																							
BV142 (1)	P,PR									•														
BV162 (1)	P,PR																					•		
BVZ800 (1)	P,PR																							

(1) Not available for sizes with oversized main coil.

Installation accessories

Wall mounting kit

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
AMP20	P,PR	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•							
AMPZ	P,PR																		•		•		•	•

Condensate drip

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
BCZ4 (1)	P,PR		•	•			•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•
BCZ5 (2)	P,PR						•	•			•	•			•			•	•	•	•			
BCZ6 (2)	P,PR																							

(1) For vertical installation.(2) For horizontal installation.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
BC8 (1)	P,PR			•	•		•	•			•	•		•	•	•		•						
BC9 (1)	P,PR																							•

(1) For horizontal installation.

Condensate recirculation device

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
DSCZ4 (1)	P,PR	•	•	•	•		•	•			•	•	•	•	•			•	•	•	•	•	•	•

(1) DSC4 cannot be mounted if even just one of these accessories is also installed: AMP - AMPZ valve VCZ1-2-3-4 X4L/R and all the condensate collection trays.

Ventilcassaforma

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
CHF22	P,PR	•		•	•																			
CHF32	P,PR																							
CHF42	P,PR									•	•	•	•	•		•	•							
CHF62	P,PR																	•				•		•

Wall mounting and duct type installation accessories

Lower intake grille

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
GA22	P,PR	•	•	•	•																			
GA32	P,PR						•	•																
GA42	P,PR												•	•			•							
GA62	P,PR																						•	•

Intake grilles with fixed fins and filter

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
GAF22	P,PR	•	•																					
GAF32	P,PR								•															
GAF42	P,PR										•	•	•	•			•							
GAF62	P,PR																	•		•	•			

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
GM22	P,PR	•	•	•	•																			
GM32	P,PR						•	•	•															
GM42	P,PR										•		•	•	•									
GM62	P,PR																	•	•	•	٠	•	٠	•
Intake pleni	um in sheet me	tal con	nplet	e witi	h con	necto	ors fo	r circ	ular d	hanı	nels													
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PA22	P,PR	•	•	•	•																			
PA32	P,PR					•	•	•	•															
PA42	P,PR									•	•	•	•	•	•	•	•							
PA62	P,PR																	•	•	•	•	•	•	
Intake pleni	um providing re	ecovery	y and	l deli	very o	on th	e san	ne sid	e															
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PA22F	P,PR	•	•	•	•																			
PA32F	P,PR						•	•	•															
PA42F	P,PR									•	•	•	•	•	•	•	•							
PA62F	P,PR																	•	•	•	•	•	•	_ •
Delivery ple	enum with circu	ılar flaı	nges.																					
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PM22	P,PR	•	•	•	•																			
PM32	P,PR					•	•	•	•															
PM42	P,PR									•	•	•	•	•	•	•	•							
PM62	P,PR																	•	•	•	•	•	•	<u>·</u>
Straight del	livery coupling																							
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RD22	P,PR	•	•	•	•																			
RD32	P,PR					•	•	•	•															
RD42	P,PR									•	•	•	•	•	•	•	•							
RD62	P,PR																	•	•	•	•	•	•	<u> </u>
Straight suc	ction coupling																							
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RDA22	P,PR	•	•	•	•																			
RDA32	P,PR					•	•	•	•															
RDA42	P,PR									•	•	•	•	•	•	•	•							
RDA62	P,PR																	•	•	•	•	•	•	
90° delivery	coupling.																							
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RP22	P,PR		•																					
RP32	P,PR																							
RP42	P,PR																							
RP62	P,PR																	•	•	•	•	•	•	•
90° suction	coupling.											400	450	500	C01	502	550	700						
	coupling. Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	302	220	700	701	702	750	900	901	950
Model		200	201	202	250	300	301	302	350	400	401	402	450	300	301	302	330	/00	701	702	750	900	901	950
Model RPA22	Ver					300	301	302	350	400	401	402	450	300	201	302	330	700	701	702	750	900	901	950
90° suction Model RPA22 RPA32 RPA42	Ver P,PR									400	401	402	450					700	701	702	750	900	901	950

Accessories for ducting

Plenum w	ith mo	torised	damners.
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Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
MZC220	P,PR																							
MZC320	P,PR																							
MZC530	P,PR									•	•		•	•		•	•							
MZC830	P,PR																							
Straight inta	ke connectior	a with r	octai	aula	r flar	200																		
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RDA000V	P,PR																							
RDA100V	P,PR																							
RDA200V	P,PR																							
RDA300V	P,PR																			•	•			•
Intake plenui	m with rectan	aular f	lang	е.																				
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RPA100V	P,PR					•	•	•	•															
RPA200V	P,PR																							
RPA300V	P,PR																		•				•	
Suction plent	ım with plast	ic circu	lar fl	anae	s.																			
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PA000V	P,PR	•																						
PA100V	P,PR					•		•																
PA300V	P,PR																							
Internally ins	ulated delive	ry plen	um v	vith c	irculo	ar flai	nges.																	
Internally ins	ulated delive Ver	ery plen 200	ит и	vith c 202	irculo 250	a r fla i 300	nges. 301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
	Ver P,PR	• •					_	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
Model	Ver	200	201	202	250		_	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
Model PM000V	Ver P,PR	200	201	202	250	300	301			400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
Model PM000V PM100V	Ver P,PR P,PR P,PR	200	201	202	250	300	301	•			401	402	450	500	501	502	550	700	701	702	750	900	901	950
Model PM000V PM100V PM300V	Ver P,PR P,PR P,PR	200	201	202	250	300	301	•			401	402	450	500	501	502	550	700	701	702	750	900	901	950
Model PM000V PM100V PM300V Internally ins	Ver P,PR P,PR P,PR :ulated delive	200	201 • um v	202 · vith r	250 ·	300 ngula	301 r flan	ge.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Model PM000V PM100V PM300V Internally ins Model RPM000V	Ver P,PR P,PR P,PR sulated delive Ver	200 ery plen 200	201 • • • • • • • • • • • • • • • • • • •	202 • vith r	250 • ectar 250	300 ngula	301 r flan	ge.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Model PM000V PM100V PM300V Internally ins	Ver P,PR P,PR P,PR Sulated delive Ver P,PR	200 ery plen 200	201 • • • • • • • • • • • • • • • • • • •	202 • vith r	250 • ectar 250	300	301 r flan 301	ge. 302	350	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Model PM000V PM100V PM300V Internally ins Model RPM000V RPM100V	Ver PPR PPR PPR PPR Sulated delive Ver PPR PPR PPR	200 	201 	202 	250 • ectar 250	300 	301 r flan 301	ge. 302	350	400	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Model PM000V PM100V PM300V Internally ins Model RPPM000V RPM100V RPM300V	Ver PPR PPR PPR PPR Sulated delive Ver PPR PPR PPR	200 	201 	202 	250 • ectar 250	300 	301 r flan 301	ge. 302	350	400	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Model PM000V PM100V PM300V Internally ins Model RPM000V RPM100V RPM100V RPM300V Straight deliv	Ver PPR PPR PPR PPR Ulated delive Ver PPR PPR PPR PPR PPR	200 ery plen 200 	201 . um v 201 .	vith r	ectan 250 250 250	300 . agula 300 .	301 r flan 301	ge. 302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
Model PM000V PM100V PM300V Internally ins Model RPM000V RPM100V Straight deliv Model RDM000V	Ver PPR PPR PPR PPR PPR Ver PPR PPR PPR PPR PPR Very coupling Ver	200 ery plen 200 	201 	vith r	250 	300 . agula 300 .	301 r flan 301	ge. 302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
Model PM000V PM100V PM300V Internally ins Model RPM000V RPM100V RPM300V Straight deliv Model	Ver P.PR P.PR P.PR P.PR P.PR P.PR P.PR P.P	200 ery plen 200 	201 	vith r	250 	300 	301 	. ge. 302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
Model PM000V PM100V PM300V Internally ins Model RPM000V RPM100V Straight deliv Model RDM000V RDM100V RDM100V	Ver P.PR P.PR P.PR P.PR Ver P.PR P.PR P.PR P.PR P.PR P.PR P.PR P.P	200	201 	202 · vith r 202 · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301 . r flan 301	302	350	400	401	. 402	450	500	501	502	550	700	701	702	750	900	901	950
Model PM000V PM100V PM300V Internally ins Model RPM000V RPM100V RPM300V Straight deliv Model RDM000V RDM300V RDM300V	Ver P.PR P.PR P.PR P.PR Ver P.PR P.PR P.PR P.PR P.PR P.PR P.PR P.P	200	201 	202 · vith r 202 · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301 . r flan 301	302	350	400	401	. 402	450	500	501	502	550	700	701	702	750	900	901	950
Model PM000V PM100V PM300V Internally ins Model RPM000V RPM100V RPM300V Straight delia Model ROM000V RDM100V RDM100V RDM300V Straight discl	Ver P.PR P.PR P.PR Ver P.PR P.PR P.PR P.PR P.PR P.PR P.PR P.P	200 ery plen 200 in galv 200	um v 201 ·	202 · vith r 202 · · 202 ·	250 · · · · · · · · · · · · · · · · · · ·	300	301 . r flan 301 . 301	. 302	350	. 400	401	. 402	. 450	500	501	502	. 550 . 550	700	701	. 702 . 702	. 750 . 750	900	901	950
Model PM000V PM100V PM300V Internally ins Model RPM000V RPM100V RPM300V Straight deliv Model RDM000V RDM300V Straight disci Model Model Model	Ver P.PR P.PR P.PR Ver P.PR P.PR P.PR P.PR P.PR P.PR P.PR Ver P.PR Ver P.PR P.PR P.PR P.PR P.PR P.PR P.PR P.P	200 ery plen 200 in galv 200	201 · · · · · · · · · · · · · · · · · · ·	202 · vith r 202 · · 202 ·	250 · · · · · · · · · · · · · · · · · · ·	300	301 . r flan 301 . 301	. 302	350	. 400	401	. 402	. 450	500	501	502	. 550 . 550	700	701	. 702 . 702	. 750 . 750	900	901	950

PERFORMANCE DATA FOR UNITS WITHOUT HEAD (EUROVENT CERTIFICATE FC-H)

2-pipe			FCZ1200P			FCZ1250P			FCZ1300P			FCZ1350P			FCZI400P			FCZ1450P	
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	M	Н	L	М	Н	L	M	Н	L	М	Н	L	M	Н
Heating performance 70 °C / 6	50 °C (1)																		
Heating capacity	kW	2,02	2,95	3,70	2,20	3,18	4,05	3,47	4,46	5,50	3,77	4,92	6,15	4,32	5,74	7,15	4,57	6,29	7,82
Water flow rate system side	I/h	177	258	324	193	278	355	304	391	482	330	431	539	379	503	627	400	551	685
Pressure drop system side	kPa	6	12	18	7	15	23	7	12	18	8	14	20	9	16	24	6	11	16
Heating performance 45 °C / 4	10 °C (2)																		
Heating capacity	kW	1,00	1,46	1,84	1,09	1,58	2,01	1,72	2,21	2,73	1,87	2,44	3,06	2,14	2,85	3,55	2,27	3,12	3,88
Water flow rate system side	I/h	174	254	319	190	274	350	299	385	475	325	425	531	373	495	617	394	543	675
Pressure drop system side	kPa	6	12	18	8	15	22	8	12	18	8	14	20	10	16	24	6	11	16
Cooling performance 7 °C / 12	°C (3)										1			1			1		
Cooling capacity	kW	0,89	1,28	1,60	1,06	1,55	1,94	1,68	2,17	2,65	1,89	2,46	3,02	2,20	2,92	3,60	2,41	3,21	4,03
Sensible cooling capacity	kW	0,71	1,05	1,33	0,79	1,20	1,52	1,26	1,65	2,04	1,33	1,76	2,18	1,59	2,14	2,67	1,69	2,30	2,90
Water flow rate system side	I/h	153	221	275	182	267	334	288	374	456	350	460	560	379	503	619	414	552	694
Pressure drop system side	kPa	6	12	18	8	17	25	8	13	18	11	18	25	10	16	24	9	15	22
Fan																			
Туре	type									Centr									
Fan motor	type									Inve	rter								
Number	no.		11			1			2			2			2			2	
Air flow rate	m³/h	140	220	290	140	220	290	260	350	450	260	350	450	330	460	600	330	460	600
Input power	W	7	8	14	7	8	14	5	7	13	5	7	13	5	10	18	5	10	18
Signal 0-10V	%	44	68	90	44	68	90	52	70	90	52	70	90	49	68	90	49	68	90
Fan coil sound data (4)	10/4)	25.0		=4.0			=4.0									= 4.0			
Sound power level	dB(A)	35,0	46,0	51,0	35,0	46,0	51,0	34,0	41,0	48,0	34,0	41,0	48,0	37,0	44,0	51,0	37,0	44,0	51,0
Sound pressure	dB(A)	27,0	38,0	43,0	27,0	38,0	43,0	26,0	33,0	40,0	26,0	33,0	40,0	29,0	36,0	43,0	29,0	36,0	43,0
Water coil					1						1			1					
Water content main coil			0,5			0,7			0,8			1,0			1,0			1,4	
Diametre hydraulic ÿ ttings	Ø		1/2"			1/2//			2/4//		1	2/4"		1	2/4"			2/4//	
Main coil	W		1/2			1/2"			3/4"			3/4"			3/4"			3/4"	
					1									î e					
			FCZI500P			FCZ1550P			FCZ1700P			FCZ1750P			FCZI900P			FCZ1950P	
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Hasting parformance 70 °C / 6	50°C (1)	1 L		3 H	1 L		3 H	1 L		3 H	1 L					3 H	1 L		
Heating performance 70 °C / 6		L	2 M	Н	L	2 M	Н	L	2 M	Н	L	2 M	3 H	1 L	2 M	Н	L	2 M	3 H
Heating capacity	kW	L 5,27	2 M 7,31	H 8,50	5,82	2 M	H 9,75	8,10	2 M 9,80	H 11,00	9,10	2 M	3 H 12,50	1 L	2 M	H 15,14	L 11,20	2 M	3 H 17,10
Heating capacity Water flow rate system side	kW I/h	5,27 462	2 M 7,31 641	8,50 745	5,82 510	2 M 8,34 731	9,75 855	8,10 710	2 M 9,80 860	H 11,00 964	9,10 798	2 M 11,30 991	3 H 12,50 1096	1 L 10,77 945	2 M 13,35 1171	H 15,14 1328	11,20 982	2 M 14,42 1264	3 H 17,10 1500
Heating capacity Water flow rate system side Pressure drop system side	kW I/h kPa	L 5,27	2 M 7,31	H 8,50	5,82	2 M	H 9,75	8,10	2 M 9,80	H 11,00	9,10	2 M	3 H 12,50	1 L	2 M	H 15,14	L 11,20	2 M	3 H 17,10
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4	kW I/h kPa 10°C (2)	5,27 462 12	2 M 7,31 641 21	8,50 745 28	5,82 510 10	2 M 8,34 731 20	9,75 855 26	8,10 710 17	2 M 9,80 860 24	H 11,00 964 29	9,10 798 10	2 M 11,30 991 15	3 H 12,50 1096 18	1 L 10,77 945 12	2 M 13,35 1171 17	H 15,14 1328 22	11,20 982 16	2 M 14,42 1264 24	3 H 17,10 1500 33
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity	kW I/h kPa 10 °C (2) kW	5,27 462 12 2,62	2 M 7,31 641 21	H 8,50 745 28 4,22	5,82 510 10	2 M 8,34 731 20	9,75 855 26 4,85	8,10 710 17	2 M 9,80 860 24 4,87	H 11,00 964 29 5,47	9,10 798 10 4,52	2 M 11,30 991 15	3 H 12,50 1096 18	1 L 10,77 945 12	2 M 13,35 1171 17	H 15,14 1328 22 7,53	11,20 982 16 5,57	2 M 14,42 1264 24 7,17	3 H 17,10 1500 33
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side	kW I/h kPa 10 °C (2) kW I/h	5,27 462 12 2,62 455	2 M 7,31 641 21 3,63 631	8,50 745 28 4,22 734	5,82 510 10 2,89 502	2 M 8,34 731 20 4,14 720	9,75 855 26 4,85 842	8,10 710 17 4,03 699	2 M 9,80 860 24 4,87 846	H 11,00 964 29 5,47 950	9,10 798 10 4,52 786	2 M 11,30 991 15 5,62 975	3 H 12,50 1096 18 6,21 1079	1 L 10,77 945 12 5,35 930	2 M 13,35 1171 17 6,64 1152	H 15,14 1328 22 7,53 1307	11,20 982 16 5,57 967	2 M 14,42 1264 24 7,17 1245	3 H 17,10 1500 33 8,50 1476
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side	kW I/h kPa 10 °C (2) kW I/h kPa	5,27 462 12 2,62	2 M 7,31 641 21	H 8,50 745 28 4,22	5,82 510 10	2 M 8,34 731 20	9,75 855 26 4,85	8,10 710 17	2 M 9,80 860 24 4,87	H 11,00 964 29 5,47	9,10 798 10 4,52	2 M 11,30 991 15	3 H 12,50 1096 18	1 L 10,77 945 12	2 M 13,35 1171 17	H 15,14 1328 22 7,53	11,20 982 16 5,57	2 M 14,42 1264 24 7,17	3 H 17,10 1500 33
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12	kW I/h kPa 10 °C (2) kW I/h kPa	5,27 462 12 2,62 455	2 M 7,31 641 21 3,63 631	8,50 745 28 4,22 734	5,82 510 10 2,89 502	2 M 8,34 731 20 4,14 720	9,75 855 26 4,85 842	8,10 710 17 4,03 699	2 M 9,80 860 24 4,87 846	H 11,00 964 29 5,47 950	9,10 798 10 4,52 786	2 M 11,30 991 15 5,62 975	3 H 12,50 1096 18 6,21 1079	1 L 10,77 945 12 5,35 930	2 M 13,35 1171 17 6,64 1152	H 15,14 1328 22 7,53 1307	11,20 982 16 5,57 967	2 M 14,42 1264 24 7,17 1245	3 H 17,10 1500 33 8,50 1476 33
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity	kW I/h kPa I0°C (2) kW I/h kPa °C (3)	5,27 462 12 2,62 455 12	2 M 7,31 641 21 3,63 631 21 3,69	H 8,50 745 28 4,22 734 28	5,82 510 10 2,89 502 10	2 M 8,34 731 20 4,14 720 20	H 9,75 855 26 4,85 842 26	8,10 710 17 4,03 699 16	2 M 9,80 860 24 4,87 846 24	H 11,00 964 29 5,47 950 29	9,10 798 10 4,52 786 10	2 M 11,30 991 15 5,62 975 14	3 H 12,50 1096 18 6,21 1079 18	1 L 10,77 945 12 5,35 930 12	2 M 13,35 1171 17 6,64 1152 17	H 15,14 1328 22 7,53 1307 22	11,20 982 16 5,57 967 15	2 M 14,42 1264 24 7,17 1245 24 7,32	3 H 17,10 1500 33 8,50 1476 33
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12	kW I/h kPa I0 °C (2) kW I/h kPa °C (3) kW	5,27 462 12 2,62 455 12	2 M 7,31 641 21 3,63 631 21	8,50 745 28 4,22 734 28	5,82 510 10 2,89 502	2 M 8,34 731 20 4,14 720 20	9,75 855 26 4,85 842 26	8,10 710 17 4,03 699 16	9,80 860 24 4,87 846 24	H 11,00 964 29 5,47 950 29	9,10 798 10 4,52 786 10	2 M 11,30 991 15 5,62 975 14	3 H 12,50 1096 18 6,21 1079 18	1 L 10,77 945 12 5,35 930 12	2 M 13,35 1171 17 6,64 1152	H 15,14 1328 22 7,53 1307 22	11,20 982 16 5,57 967 15	2 M 14,42 1264 24 7,17 1245 24	3 H 17,10 1500 33 8,50 1476 33
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Cooling performance 7 °C / 12 Cooling capacity Sensible cooling capacity Water flow rate system side	kW I/h kPa I/O °C (2) kW I/h kPa °C (3) kW kW	5,27 462 12 2,62 455 12 2,68 1,94	2 M 7,31 641 21 3,63 631 21 3,69 2,73	H 8,50 745 28 4,22 734 28 4,25 3,18	5,82 510 10 2,89 502 10 2,91 2,07	2 M 8,34 731 20 4,14 720 20 4,13 2,98	H 9,75 855 26 4,85 842 26 4,79 3,49	8,10 710 17 4,03 699 16 3,92 2,99	2 M 9,80 860 24 4,87 846 24 4,89 3,76	H 11,00 964 29 5,47 950 29 5,50 4,30	9,10 798 10 4,52 786 10 4,27 3,20	2 M 11,30 991 15 5,62 975 14 5,34 4,05	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72	1 L 10,77 945 12 5,35 930 12 4,29 2,97	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78	H 15,14 1328 22 7,53 1307 22 6,91 5,68	11,20 982 16 5,57 967 15 5,77 3,80	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity Sensible cooling capacity	kW I/h kPa 10°C (2) kW I/h kPa °C (3) kW kW I/h	5,27 462 12 2,62 455 12 2,68 1,94 460	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634	H 8,50 745 28 4,22 734 28 4,25 3,18 731	5,82 510 10 2,89 502 10 2,91 2,07 501	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711	H 9,75 855 26 4,85 842 26 4,79 3,49 824	8,10 710 17 4,03 699 16 3,92 2,99 675	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841	H 11,00 964 29 5,47 950 29 5,50 4,30 946	9,10 798 10 4,52 786 10 4,27 3,20 734	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860	H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189	11,20 982 16 5,57 967 15 5,77 3,80 992	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fressure drop system side Fan	kW I/h kPa lO °C (2) kW I/h kPa °C (3) kW kW I/h kPa	5,27 462 12 2,62 455 12 2,68 1,94 460	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634	H 8,50 745 28 4,22 734 28 4,25 3,18 731	5,82 510 10 2,89 502 10 2,91 2,07 501	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711	H 9,75 855 26 4,85 842 26 4,79 3,49 824	8,10 710 17 4,03 699 16 3,92 2,99 675	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860	H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189	11,20 982 16 5,57 967 15 5,77 3,80 992	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Cooling performance 7 °C / 12 Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side	kW I/h kPa 10°C (2) kW I/h kPa °C (3) kW I/h kPa 1/h kPa 1/h kPa	5,27 462 12 2,62 455 12 2,68 1,94 460	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634	H 8,50 745 28 4,22 734 28 4,25 3,18 731	5,82 510 10 2,89 502 10 2,91 2,07 501	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711	H 9,75 855 26 4,85 842 26 4,79 3,49 824	8,10 710 17 4,03 699 16 3,92 2,99 675	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841	H 11,00 964 29 5,47 950 29 5,50 4,30 946	9,10 798 10 4,52 786 10 4,27 3,20 734 10	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860	H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189	11,20 982 16 5,57 967 15 5,77 3,80 992	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type	kW I/h kPa lO °C (2) kW I/h kPa °C (3) kW kW I/h kPa	5,27 462 12 2,62 455 12 2,68 1,94 460	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634	H 8,50 745 28 4,22 734 28 4,25 3,18 731	5,82 510 10 2,89 502 10 2,91 2,07 501	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711	H 9,75 855 26 4,85 842 26 4,79 3,49 824	8,10 710 17 4,03 699 16 3,92 2,99 675	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841	11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734 10	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860	H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189	11,20 982 16 5,57 967 15 5,77 3,80 992	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor	kW I/h kPa 10°C (2) kW I/h kPa °C (3) kW kW I/h kPa type type	5,27 462 12 2,62 455 12 2,68 1,94 460	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22	H 8,50 745 28 4,22 734 28 4,25 3,18 731	5,82 510 10 2,89 502 10 2,91 2,07 501	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22	H 9,75 855 26 4,85 842 26 4,79 3,49 824	8,10 710 17 4,03 699 16 3,92 2,99 675	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734 10	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12	H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189	11,20 982 16 5,57 967 15 5,77 3,80 992	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number	kW I/h kPa IO °C (2) kW I/h kPa °C (3) kW I/h kPa type type no.	5,27 462 12 2,62 455 12 2,68 1,94 460 13	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22	8,50 745 28 4,22 734 28 4,25 3,18 731 29	5,82 510 10 2,89 502 10 2,91 2,07 501 12	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22	9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr	9,10 798 10 4,52 786 10 4,27 3,20 734 10 ifugal	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12	H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22	11,20 982 16 5,57 967 15 5,77 3,80 992	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate	kW V/h kPa 10°C(2) kW I/h kPa °C(3) kW I/h kPa type type no. m³/h	5,27 462 12 2,62 455 12 2,68 1,94 460 13	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22	8,50 745 28 4,22 734 28 4,25 3,18 731 29	5,82 510 10 2,89 502 10 2,91 2,07 501 12	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22	9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Inve	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12	H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22	11,20 982 16 5,57 967 15 5,77 3,80 992 15	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power	kW I/h kPa 10 °C (2) kW I/h kPa °C (3) kW kW I/h kPa type type no. m³/h W	5,27 462 12 2,62 455 12 2,68 1,94 460 13	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22	8,50 745 28 4,22 734 28 4,25 3,18 731 29	5,82 510 10 2,89 502 10 2,91 2,07 501 12	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centre Invectors 1140 80	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40	H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22	11,20 982 16 5,57 967 15 5,77 3,80 992 15	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity Water flow rate system side Pressure drop system side I ype Fan Type Fan motor Number Air flow rate Input power Signal 0-10V	kW I/h kPa 10 °C (2) kW I/h kPa °C (3) kW kW I/h kPa type type no. m³/h W	5,27 462 12 2,62 455 12 2,68 1,94 460 13	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22	8,50 745 28 4,22 734 28 4,25 3,18 731 29	5,82 510 10 2,89 502 10 2,91 2,07 501 12	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centre Invectors 1140 80	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40	H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22	11,20 982 16 5,57 967 15 5,77 3,80 992 15	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Cooling performance 7 °C / 12 Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (4)	kW I/h kPa 10 °C (2) kW I/h kPa °C (3) kW l/h kPa type no. m³/h W %	5,27 462 12 2,62 455 12 2,68 1,94 460 7 50	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74	H 8,50 745 28 4,22 734 28 4,25 3,18 731 29	5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 4 50	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 2 600 10 74	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Inve	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72	H 15,14 1328 22 7,53 1307 22 25 6,91 5,68 1189 22 1140 80 90	11,20 982 16 5,57 15 5,77 3,80 992 15 700 30 56	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40 72	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (4) Sound power level	kW I/h kPa 10°C (2) kW I/h kPa °C (3) kW l/h kPa type type no. m³/h W %	5,27 462 12 2,62 455 12 2,68 1,94 460 7 50	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74	H 8,50 745 28 4,22 734 28 4,25 3,18 731 29	5,82 510 10 2,89 502 10 2,91 2,97 501 12 400 4 50	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 2 600 10 74	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Inve	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 40 72	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72	H 15,14 1328 22 7,53 1307 22 22 5,68 1189 22 1140 80 90	11,20 982 16 5,57 15 5,77 3,80 992 15 700 30 56	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40 72	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (4) Sound power level Sound pressure	kW I/h kPa 10°C (2) kW I/h kPa °C (3) kW l/h kPa type type no. m³/h W %	5,27 462 12 2,62 455 12 2,68 1,94 460 7 50	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74	H 8,50 745 28 4,22 734 28 4,25 3,18 731 29	5,82 510 10 2,89 502 10 2,91 2,97 501 12 400 4 50	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 2 600 10 74	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Inve	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 40 72	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72	H 15,14 1328 22 7,53 1307 22 22 5,68 1189 22 1140 80 90	11,20 982 16 5,57 15 5,77 3,80 992 15 700 30 56	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40 72	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (4) Sound power level Sound pressure Water coil	kW I/h kPa 10°C(2) kW I/h kPa °C(3) cC(3) kW I/h kPa type type no. m³/h W % dB(A)	5,27 462 12 2,62 455 12 2,68 1,94 460 7 50	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74	H 8,50 745 28 4,22 734 28 4,25 3,18 731 29	5,82 510 10 2,89 502 10 2,91 2,97 501 12 400 4 50	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 600 10 74	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72 57,0 49,0	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Inve 80 90 62,0 54,0	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56 50,0 42,0	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 40 72 57,0 49,0	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72 57,0 49,0	H 15,14 1328 22 7,53 1307 22 22 5,68 1189 22 1140 80 90	11,20 982 16 5,57 15 5,77 3,80 992 15 700 30 56	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40 72 57,0 49,0	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Pressure drop system side Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (4) Sound power level Sound pressure Water coil Water content main coil	kW I/h kPa 10°C (2) kW I/h kPa °C (3) kW l/h kPa type type no. m³/h W %	5,27 462 12 2,62 455 12 2,68 1,94 460 7 50	2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74	H 8,50 745 28 4,22 734 28 4,25 3,18 731 29	5,82 510 10 2,89 502 10 2,91 2,97 501 12 400 4 50	2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 600 10 74	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72 57,0 49,0	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Inve	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56 50,0 42,0	2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 40 72 57,0 49,0	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10	2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72 57,0 49,0	H 15,14 1328 22 7,53 1307 22 22 5,68 1189 22 1140 80 90	11,20 982 16 5,57 15 5,77 3,80 992 15 700 30 56	2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40 72 57,0 49,0	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30

⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

4-pipe

			FCZI201F)		FCZ[301F)		FCZI401P			FCZI501P			FCZI701P)		FCZI901F	,
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 65 °C	/ 55 °C (1)																		
Heating capacity	kW	1,02	1,35	1,60	1,80	2,18	2,56	2,21	2,65	3,12	2,59	3,34	3,73	3,66	4,29	4,94	4,73	5,63	5,72
Water flow rate system side	I/h	89	118	140	158	191	224	186	232	273	227	293	327	320	375	437	414	492	501
Pressure drop system side	kPa	4	8	10	16	23	30	4	6	8	6	8	10	11	14	18	8	12	12
Cooling performance 7 °C / 1	12 °C (2)																		
Cooling capacity	kW	0,89	1,28	1,60	1,68	2,17	2,65	2,20	2,92	3,60	2,68	3,69	4,25	3,92	4,89	5,50	4,29	5,00	6,91
Sensible cooling capacity	kW	0,71	1,05	1,33	1,26	1,65	2,04	1,59	2,14	2,67	1,94	2,73	3,18	2,99	3,76	4,30	2,97	3,78	5,68
Water flow rate system side	I/h	153	221	275	288	374	456	379	503	619	460	634	731	675	841	946	738	860	118
Pressure drop system side	kPa	6	12	18	8	13	18	10	16	24	13	22	29	16	24	30	10	12	22
Fan	· ·																		
Туре	type									Centr	ifugal								
Fan motor	type									Inve	rter								
Number	no.		1			2			2			2			3			3	
Air flow rate	m³/h	140	220	290	260	350	450	330	460	600	400	600	720	700	930	1140	700	930	114
Input power	W	7	8	14	5	7	13	5	10	18	7	16	31	30	40	80	30	40	80
Signal 0-10V	%	44	68	90	52	70	90	49	68	90	50	74	90	56	72	90	56	72	90
Fan coil sound data (3)																			
Sound power level	dB(A)	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0	50,0	57,0	62,0	51,0	57,0	62,0
Sound pressure	dB(A)	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0	42,0	49,0	54,0	43,0	49,0	54,0
Water coil																			
Water content main coil			0,5			0,8			1,0			1,0			1,2			1,8	
Water content the secondary co	il I		0,2			0,3			0,3			0,3			0,4			0,7	
Diametre hydraulic ÿ ttings																			
Main coil	Ø		1/2"			3/4"			3/4"			3/4"			3/4"			3/4"	
Secondary coil	Ø									1/	2"								

⁽¹⁾ Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT
(2) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(3) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

PERFORMANCE DATA FOR UNITS WITH HEAD (EUROVENT CERTIFICATE FCP-H)

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4-	v	1	v	e.

2-pipe							_	_			_			_		_									_
			CZ1200			CZ1250		_	CZ1300			CZ1350		_	CZ1400			CZ 1 450			CZ1500			CZ1550	
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	
H4'		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	<u>H</u>
Heating performance 70 °C / 60 °C (1)	kW	1 01	3,16	3,34	2,01	3,40	2 42	3,08	4,83	5,23	3,32	E 12	5,83	3,96	5,85	6,34	110	6,44	6,96	5,39	7 70	7,63	5,92	8,37	8,71
Heating capacity Water flow rate system side	I/h	1,81	272	287	173	292	3,62 311	265	415	450	285	5,43 467	502	341	503	545	4,10 353	554	599	464	7,28 626	656	509	720	749
Pressure drop system side	kPa	6	13	16	7	17	19	7	14	16	7	17	19	9	17	19	5	12	13	12	22	23	11	20	21
Heating performance 45 °C / 40 °C (2)	NI d	U	13	10	/	- 17	12	/	17	10	_ /	- 17	12)	- 17	12)	12	13	12	22	23	11	20	21
Heating capacity	kW	0,90	1,57	1,66	1,00	1,69	1,80	1,53	2,40	2,60	1,65	2,70	2,90	1,97	2,91	3,15	2,04	3,20	3,46	2,68	3,62	3,79	2,94	4,16	4,33
Water flow rate system side	I/h	155	270	288	172	291	308	263	413	447	284	464	499	339	501	542	351	550	595	461	623	652	506	715	745
Pressure drop system side	kPa	6	13	16	7	17	19	7	14	16	7	17	19	9	17	19	5	12	13	12	22	23	11	20	21
Cooling performance 7 °C / 12 °C (3)																									
Cooling capacity	kW	0,80	1,37	1,45	0,95	1,67	1,76	1,40	2,38	2,53	1,66	2,70	2,88	2,03	2,98	3,21	2,22	3,28	3,55	2,73	3,68	3,84	2,97	4,15	4,31
Sensible cooling capacity	kW	0,63	1,13	1,20	0,70	1,29	1,37	1,10	1,82	1,94	1,15	1,94	2,07	1,45	2,18	2,36	1,54	2,35	2,56	1,98	2,73	2,85	2,11	2,98	3,12
Water flow rate system side	l/h	138	236	249	163	287	303	241	409	435	285	464	495	349	512	552	382	564	610	469	633	660	511	714	741
Pressure drop system side	kPa	5	13	16	8	17	19	7	14	16	9	17	19	9	17	19	8	12	13	13	22	23	12	20	21
Fan																									
Туре	type												Centr	ifugal											
Fan motor	type												Inve	erter											
Number	no.		1			1			2			2			2		_	2			2			2	
Air flow rate	m³/h	123	240	257	123	240	257	225	390	424	225	390	424	300	470	515	300	470	515	410	600	630	410	600	630
High static pressure	Pa	13	50	57	13	50	57	16	50	59	16	50	53	20	50	60	20	50	56	23	50	55	23	50	55
Input power	W	7	27	31	7	27	31	10	11	40	10	30	40	14	38	48	14	38	48	18	50	60	18	50	60
Signal 0-10V	%	43	84	90	43	84	90	48	83	90	48	83	90	52	82	90	52	82	90	58	85	90	58	85	90_
Duct type fan coil sound data (4)	AD/A)	27.0	F7.0		27.0	F7.0	FO 0	260	FO 0	F2.0	26.0	F0.0	F2 0	42.0	F2 0	FF 0	42.0	F2.0	<i></i>	45.0	FC 0	F7.0	45.0	FC 0	
Sound power level (inlet + radiated) Sound power level (outlet)	dB(A)	37,0		59,0 55,0	37,0	57,0 53,0			50,0 47,0		36,0 32,0			43,0 39,0		55,0 52,0	43,0	53,0 49,0					45,0 42,0		57,0
Water coil	UD(A)	33,0	33,0	33,0	33,0	33,0	33,0	32,0	47,0	49,0	32,0	47,0	49,0	39,0	49,0	32,0	39,0	49,0	32,0	42,0	32,0	32,0	42,0	32,0	32,0
Water content main coil	1		0,5			0,7			0,8			1,0			1,0			1,4			1,0		T	1,4	
Diametre hydraulic ÿ ttings			0,5			0,1			0,0			1,0			1,0			1,1			1,0			-','	
Main coil	Ø		1/2"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
																									_
				FCZI	700P					FCZI	750P					FCZI	900P					FCZI	950P		
			1	FCZI	700P		3		1		750P		3		1	FCZI	900P		3		1		950P 2		3
							3 H		1 L				3 H		1 L		2		3 H	ŕ					3 H
Heating performance 70 °C / 60 °C (1)					2				1 L		2				_	;	2			_			2		
Heating performance 70 °C / 60 °C (1) Heating capacity	kW				2 M				1 L ,17		2 M				_	;	2 M						2		
Heating capacity Water flow rate system side	I/h	5,	.33 68	8,	2 M 34 32	8,	H ,88 79	6	,17 ,41	9,	2 M 52 35	10	H ,15 90	6	,58 66	11,	,15 58	11	,87)21	6,1	68 74	11	,63 000	12	,66 088
Heating capacity Water flow rate system side Pressure drop system side		5,	.33	8,	2 M 34	8,	,88	6	L ,17	9,	2 M 52	10	H ,15	6	,58	11,	,15 58	11	,87	6,1	L 68	11	2 M ,63	12	,66
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2)	I/h kPa	5,	33 68 8	8, 77	2 M 34 32 7	8,	,88 79 20	6	,17 41 5	9, 83	2 M 52 35 1	10	,15 90 2	6	,58 66 5	11, 95	2 M ,15 58 3	11 10	,87)21 4	6,	68 74	11 10	,63 ,000	12 10	,66)88 9
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity	I/h kPa kW	5,	33 68 8	8, 77 1	2 M 34 32 7	8, 77	H ,88 ,79 ,20 ,40	6 5	,17 ,41 5	9, 8: 1	2 M 52 35 11	10 8 1	,15 90 2	6 5	,58 ,66 5	11, 99 1	2 M ,15 58 3	111 10 1 5,	,87)21 4	6,0	68 74 6	11 10 1	,63 ,000 17	12 10 10 1	,66 ,88 9
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side	I/h kPa kW I/h	5, 41 2,	33 68 8 67 60	8, 7. 1 4,	2 M 34 32 7	8, 77 2 4, 77	H ,888 ,79 ,20 ,40 ,40 ,67	2	,17 ,41 5 ,46	9, 8. 1 4, 80	2 M 52 35 11 69	10 8 1 5,	,15 90 2 00	3	,58 666 5 ,27	11, 95 1 5,,	2 M ,15 58 3	111 10 1 5,	,87)21 4 90	6,4 57 6	68 74 6 32	11 10 1 5,	,63 ,000 17 .78	12 10 1 6,	H ,666
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side	I/h kPa kW	5, 41 2,	33 68 8	8, 7. 1 4,	2 M 34 32 7	8, 77 2 4, 77	H ,88 ,79 ,20 ,40	2	,17 ,41 5	9, 8. 1 4, 80	2 M 52 35 11	10 8 1 5,	,15 90 2	3	,58 ,66 5	11, 99 1	2 M ,15 58 3	111 10 1 5,	,87)21 4	6,4 57 6	68 74 6	11 10 1 5,	,63 ,000 17	12 10 1 6,	,66 ,88 9
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3)	I/h kPa kW I/h kPa	5, 44 2, 44	33 68 8 67 60 8	8, 77 1 1 4, 77 1	2 M 34 32 7 15 20 8	8, 77 2 4, 77 2 2	H ,888 ,79 ,20 ,40 ,67 ,20	2	,17 41 5 ,46 18 3	9, 88 1 4, 86	2 M 52 35 11 69 06	10 8 1 5, 8	H,15 90 12 00 60	3 5	,58 ,66 ,55 ,27 ,62 ,5	11, 95 1 5, 95	2 M ,15 58 3 54 53 3	111 10 1 5,	H, ,87 ,221 4 90 015	6,/ 57 6	68 74 6 32 71 6	111 10 1 5, 9	2 M ,63 000 17 .78 94	12 10 1 6, 10	H ,66
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity	l/h kPa kW l/h kPa	2, 44	.33 .68 .88 .67 .60 .88	8, 77 1 4, 77 1	2 2 M 34 34 35	8, 77 2 4, 77 2 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	H ,888 ,79 ,20 ,40 ,67 ,20 ,30	22 4	,17 ,17 ,41 ,5 ,46 ,18 ,3	9, 8: 1 4, 80	2 M 52 52 35 11 69 06 11 41	100 8 1 5, 8 1 4,	H, 15 90 12 00 60 12 70	3 5	,58 ,666 5 ,27 ,62 5	11, 99 1 5,; 99 1	2 M ,15 58 3 3 54 53 3 3	111 10 1 5, 10 1	H ,87 ,221 4 4 90 015 4	3,, 57 6, 3,, 57	L 68 74 66 32 71 66 558	111 10 1 5, 9	2 M ,63 ,000 17 .78 .94 17 .000	12 10 1 6, 10 1 1	H ,66
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity	l/h kPa kW l/h kPa kW	2, 44 2, 44 2,		8, 77 1 1 4, 77 1 4, 3,	2 2 3 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4, 77 2 4, 3,	,40 ,67 ,20 ,30 ,20	22 44	,17 ,41 ,41 ,5 ,46 ,18 ,3	9, 8. 11 4, 80 1	2	100 8 11 5, 8 11 4, 3,	H, 15 90 12 00 60 12 70 50	3 3 5 5	,58 ,666 ,5 ,27 ,62 ,5 ,81	11, 11, 11, 11, 12, 13, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14	2 M ,15 ,58 3 3 54 53 3 80 60 60	111 10 1 5, 10 1 5,	H ,87 ,221 4 4 90 115 4 20 90	3,, 57 6, 3,, 57 6, 3,, 57	68 74 66 32 71 66	111 10 10 11 11 11 11 11 11 11 11 11 11	2 M ,63 000 17 .78 .94 17	12 10 1 6, 10 1 6,	H ,66
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side	l/h kPa kW l/h kPa kW l/h h	2, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.33 .68 .88 .67 .60 .88	8, 8, 7. 1 1 4, 4, 7. 1 1 4, 3, 3, 66	22 M 334 332 77 115 220 88	8,877	H ,888 ,779 ,20 ,40 ,67 ,20 ,30 ,20 ,39	2 2 4 4 4	,17 ,17 ,41 ,5 ,46 ,18 ,3	9,9,88. 11 4,4,88 81 11 4,7,6	2 M 52 52 35 11 69 06 11 41	100 88 11 5, 88 11 4, 3,	H ,15 ,90	33 55	,58 ,666 5 ,27 ,62 5	11, 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M M 558 3 3 3 3 3 3 80 60 225	111 100 100 100 100 100 100 100 100 100	H ,87 ,221	3,, 57 6, 3,, 57	68 74 6 32 71 6 58 33 16	111 10 10 11 11 11 11 11 11 11 11 11 11	2 M ,63 ,000 17 .78 .94 17 .000	12 10 1 6, 10 1 1 6, 4,	H ,666
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side	l/h kPa kW l/h kPa kW	2, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		8, 8, 7. 1 1 4, 4, 7. 1 1 4, 3, 3, 66	2 2 3 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	8,877	,40 ,67 ,20 ,30 ,20	2 2 4 4 4	,17 ,41 5 ,46 ,46 18 3	9,9,88. 11 4,4,88 81 11 4,7,6	2	100 88 11 5, 88 11 4, 3,	H, 15 90 12 00 60 12 70 50	33 55	,58 ,66 ,27 ,27 ,62 ,5 ,81 ,10	11, 11, 11, 11, 12, 13, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14	22 M M 558 3 3 3 3 3 3 80 60 225	111 100 100 100 100 100 100 100 100 100	H ,87 ,221 4 4 90 115 4 20 90	3,, 57 (6)	68 74 6 32 71 6 58 33 16	111 10 10 11 11 11 11 11 11 11 11 11 11	2 MM ,,63 ,000 17 .78 .994 .77 .000 .994	12 10 1 6, 10 1 1 6, 4,	H ,66
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan	I/h kPa kW I/h kPa kW I/h kPa	2, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		8, 8, 7. 1 1 4, 4, 7. 1 1 4, 3, 3, 66	22 M 334 332 77 115 220 88	8,877	H ,888 ,779 ,20 ,40 ,67 ,20 ,30 ,20 ,39	2 2 4 4 4	,17 ,41 5 ,46 ,46 18 3	9,9,88. 11 4,4,88 81 11 4,7,6	2	100 88 11 5, 88 11 4, 3,	H 1,15 990 2 2 000 660 2 2 770 550 118 2 2	33 55	,58 ,66 5 ,27 ,62 5 ,81 ,10	11, 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M M 558 3 3 3 3 3 3 80 60 225	111 100 100 100 100 100 100 100 100 100	H ,87 ,221	3,, 57 (6)	68 74 6 32 71 6 58 33 16	111 10 10 11 11 11 11 11 11 11 11 11 11	2 MM ,,63 ,000 17 .78 .994 .77 .000 .994	12 10 1 6, 10 1 1 6, 4,	H ,666
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side	l/h kPa kW l/h kPa kW l/h h	2, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		8, 8, 7. 1 1 4, 4, 7. 1 1 4, 3, 3, 66	22 M 334 332 77 115 220 88	8,877	H ,888 ,779 ,20 ,40 ,67 ,20 ,30 ,20 ,39	2 2 4 4 4	,17 ,41 5 ,46 ,46 18 3	9,9,88. 11 4,4,88 81 11 4,7,6	2	100 88 11 5, 88 11 4, 3,	H H 1,15 90 22 00 60 22 70 50 118 12	33 55	,58 ,66 5 ,27 ,62 5 ,81 ,10	11, 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M M 558 3 3 3 3 3 3 80 60 225	111 100 100 100 100 100 100 100 100 100	H ,87 ,221	3,, 57 (6)	68 74 6 32 71 6 58 33 16	111 10 10 11 11 11 11 11 11 11 11 11 11	2 MM ,,63 ,000 17 .78 .994 .77 .000 .994	12 10 1 6, 10 1 1 6, 4,	H ,666
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling pacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type	WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	2, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		8, 8, 77. 1 1 1 4, 4, 3, 3, 66 1 1 1	22 M 334 332 77 115 220 88	8,877	H ,888 ,779 ,20 ,40 ,67 ,20 ,30 ,20 ,39	2 2 4 4 4	,17 ,41 5 ,46 ,46 18 3	9,9 88 11 4,4,4 88 11 11 4,3,7 10	2	100 88 11 5, 88 11 4, 3,	H H 1,15 90 22 00 60 22 70 50 118 12	3 3 5 5 2 2 2 4 4 ifugal	,58 ,66 5 ,27 ,62 5 ,81 ,10	11, 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M 15 558 3 3 3 80 660 225 3 3	111 100 100 100 100 100 100 100 100 100	H ,87 ,221	3,, 57 (6)	68 74 6 32 71 6 58 33 16	111 100 11 5,9 9 11 6,0 13,1 10	2 MM ,,63 ,000 17 .78 .994 .77 .000 .994	12 10 1 6, 10 1 1 6, 4,	H ,666
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor	WWW/hkPa	2, 44 2, 1, 1, 3		8, 77. 1 1 4, 4, 77. 1 1 4, 3, 3, 66. 1	22 M 334 332 77 115 220 8 8	8, 77 2 4, 33, 77 2 2	H ,888 ,779 ,20 ,40 ,67 ,20 ,30 ,20 ,39	22 44	,17 ,41 5 ,46 ,46 18 3	9, 88, 11 4, 80 11 4, 7, 7, 11	22 M 552 335 11 669 006 11 41 41 41 1330	100 8 1 1 5,5,8 8 1 1 4,4,4,3 8 8 1	H H 1,15 90 22 00 60 22 70 50 118 12	3 3 5 5 2 2 2 4 4 iffugal erter	,58 ,66 5 ,27 ,62 5 ,81 ,10	11, 99, 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M M 1558 3 3 3 3 3 8 8 0 6 0 0 2 5 3 3 3	111 100 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H ,87 ,221	3,, 557 (6 3 3,, 2,, 1 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	68 74 6 32 71 6 58 33 16	111 100 11 11 11 11 11 11 11	2 M M,63 000 7 7 78 94 17 000 94 132 17	12 10 1 6, 10 1 1 6, 4,	H H H H H H H H H H H H H H H H H H H
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number	kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h Pa	5,5,44 2,2,44 2,1,1,33 33 44 41 11	L 3.33 668 8 8 8 667 660 8 8 8 7 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9	8, 8, 7.7. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M 334 332 77 115 220 88 8 8 8 8 8 8 8 8	8, 8, 77	H H 8,88 8,79 220 20 667 220 8,30 8,20 339 220 999	2 2 4 4 4 4 4 4 4	,17 ,17 ,44 ,46 ,18 ,3 ,60 ,90 ,90 ,47 ,44	9, 9, 88 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 MV 552 ST 552	100 88 88 88 11 11 44,43 88 88 11	HH	3 3 5 2 2 2 4 4 iifugal erter	L L S,58 66 5 7,27 62 5 81 7,10 83 5 05 5 05 5 05 5 05 5	11,1 95,2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 2 M M 15 58 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	111 100 110 110 110 110 110 110 110 110	HH	3,,555 6 3,,555 6 3,755 6 4 44(L	111 11 11 11 11 11 11 11 11 11 11 11 11	2 MM ,63 ,63 ,000 17 78 994 17 000 994 332 77	12 10 10 11 11 11 11 11 11 11 12 79 66	H
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating apacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power	WW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h Pa W	2, 444 444 11 2 2	L 3.33 668 8 8 8 667 660 8 8 8 7 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9	8, 8, 7. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M 334 332 77 115 220 88 8000 000 000 11	8,8,77 24,4,77 24,33,77 27,66	H H 8,88 8,79 920 999 99 550 78	22 44	1,17 1,17 441 5 5 18 18 3 3 ,60 9,90 47 4 4	9, 9, 8.8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 VM S S S S S S S S S S S S S S S S S S	100 8 8 1 1 5, 8 8 1 1 4, 3 3, 8 8 8 1 7 6 6	HH H H H H H H H H H H H H H H H H H H	2 2 4 4 ifugal erter	L L 5,58 666 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	11,1 95,2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 2 M M 15 58 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	111 100 11 10 11 11 11 11 11 11 11 11 11	H ,87 ,221 4 4 90 90 90 90 94 4 4	3,, 557 (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	L 668 774 66 332 771 66 558 333 116 77	111 100 11 11 11 11 11 11 11 11 11 11 11	2 MM, ,63 ,63 ,000 17 ,78 ,94 ,17 ,000 ,94 ,93 ,33 ,7	12 10 10 6, 10 11 11 11 11 17 66, 79	H
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating apacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Signal 0-10V	kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h Pa	2, 444 444 11 2 2	L 3.33 668 8 8 8 667 660 8 8 8 7 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9	8, 8, 7. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M 334 332 77 115 220 88 8 8 8 8 8 8 8 8	8,8,77 24,4,77 24,33,77 27,66	H H 8,88 8,79 220 20 667 220 8,30 8,20 339 220 999	22 44	,17 ,17 ,44 ,46 ,18 ,3 ,60 ,90 ,90 ,47 ,44	9, 9, 8.8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 MV 552 ST 552	100 8 8 1 1 5, 8 8 1 1 4, 3 3, 8 8 8 1 7 6 6	HH	2 2 4 4 ifugal erter	L L S,58 66 5 7,27 62 5 81 7,10 83 5 05 5 05 5 05 5 05 5	11,1 95,2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 2 M M 15 58 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	111 100 11 10 11 11 11 11 11 11 11 11 11	HH	3,, 557 (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	L	111 100 11 11 11 11 11 11 11 11 11 11 11	2 MM ,63 ,63 ,000 17 78 994 17 000 994 332 77	12 10 10 6, 10 11 11 11 11 17 66, 79	H
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Signal 0-10V Duct type fan coil sound data (4)	l/h kPa kW l/h kPa kW l/h kPa type type no. m³/h Pa W	2, 44 3 2, 1, 1, 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4	L 333 668 8 8 667 660 8 8 220 7.71 77 8 7 05 55 211	8, 8, 77. 11 44, 47. 11 11 11 11 11 11 11 11 11 11 11 11 11	22 M 334 332 7 7 115 220 8 8 8 8 8 8 8 8 8 8	8,8,77 2,44,4,77 3,3,3,77 6,6,77	H ,888 ,799 220 ,40 ,667 ,200 ,300 ,200 ,339 ,200 ,399 ,200 ,400	22 44 4	,17 ,41 5 ,46 ,46 ,18 3 3 ,60 ,90 47 4 4	9, 88 1 4, 81 1 1 4, 7, 7, 1	552 335 11 669 006 11 41 330 660 11	100 88 11 55,88 11 44,33,88 11	HH	2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	L L ,588 ,666 ,655 ,	11, 99,90 1 1 1 5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2 2 M M	111 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 1	HH	3,3,55 6 33,3,55 6 6 6 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	L	111 10 11 10 11 10 10 10 10 10 10 10 10	2	12 10 10 10 10 10 10 10 10 11 11 11 11 11	H ,666 ,088
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Signal 0-10V Duct type fan coil sound data (4) Sound power level (inlet + radiated)	WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	2, 44 3, 3, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	L	8, 8, 77. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M M 334 332 77 7 115 220 8 8 8 8 8 8 8 8 8 8 8 8 8 9 11 11 12 2 12 15 6,00	8, 8, 7, 7, 2, 4, 4, 3, 3, 7, 7, 6, 5, 5, 5, 5, 5, 5, 5, 6, 7, 7, 7, 8, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9,	H ,888 ,779 ,220 ,40 ,667 ,220 ,330 ,220 ,339 ,220 ,339 ,20 ,78 ,78 ,78 ,78 ,78 ,79 ,78 ,79 ,78 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79	22 44 44 44 44 44 44 44 44 44 44 44 44 4	,441 55 ,446 ,118 3 3 ,660 ,990 447 4 4	9,, 88, 81, 11 11 11 11 11 11 11 11 11 11 11 11 11	22 M 552 335 11 669 606 11 41 330 660 11 11 11 11 11 11 11 11 11 1	100 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H H H H H H H H H H H H H H H H H H H	2 2 2 4 4 iifugal erter	L	11, 95, 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M 15 15 15 15 15 15 15 15 15 15 15 15 15	111 100 110 110 110 110 110 110 110 110	H ,87 ,221 4 4 99 90 1115 4 20 99 99 4 4 4	3,3,555 6 6 7 7 1 44(4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	L 668 774 6 6 6 332 771 6 6 6 558 333 116 77 5 5 5 11 1.55	111 101 110 110 110 110 110 110 110 110	2 MM ,63 ,63 ,63 ,78 ,78 ,78 ,78 ,77 ,78 ,77 ,78 ,77 ,77	12 10 10 10 10 10 10 10 10 10 11 11 11 11	H ,666 ,888 99 229 882 99 466 227 111 99 999 990 990 990 990 990 990 990
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Signal 0-10V Duct type fan coil sound data (4) Sound power level (inlet + radiated) Sound power level (outlet)	l/h kPa kW l/h kPa kW l/h kPa type type no. m³/h Pa W	2, 44 3, 3, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	L 333 668 8 8 667 660 8 8 220 7.71 77 8 7 05 55 211	8, 8, 77. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M 334 332 7 7 115 220 8 8 8 8 8 8 8 8 8 8	8, 8, 7, 7, 2, 4, 4, 3, 3, 7, 7, 6, 5, 5, 5, 5, 5, 5, 5, 6, 7, 7, 7, 8, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9,	H ,888 ,799 220 ,40 ,667 ,200 ,300 ,200 ,339 ,200 ,399 ,200 ,400	22 44 44 44 44 44 44 44 44 44 44 44 44 4	,17 ,41 5 ,46 ,46 ,18 3 3 ,60 ,90 47 4 4	9,, 88, 81, 11 11 11 11 11 11 11 11 11 11 11 11 11	552 335 11 669 006 11 41 330 660 11	100 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	HH	2 2 2 4 4 iifugal erter	L L ,588 ,666 ,655 ,	11, 99,90 1 1 1 5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	22 M 15 15 15 15 15 15 15 15 15 15 15 15 15	111 100 110 110 110 110 110 110 110 110	HH	3,3,555 6 6 7 7 1 44(4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	L 668 774 6 6 6 332 771 6 6 6 558 333 116 77 5 5 5 11 155	111 101 110 110 110 110 110 110 110 110	2	12 10 10 10 10 10 10 10 10 10 11 11 11 11	H ,666 ,088
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Signal 0-10V Duct type fan coil sound data (4) Sound power level (inlet + radiated) Sound power level (outlet) Water coil	WWW/hkPa	2, 44 3, 3, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	L	8, 8, 77. 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 M M M M M M M M M M M M M M M M M M M	8, 8, 7, 7, 2, 4, 4, 3, 3, 7, 7, 6, 5, 5, 5, 5, 5, 5, 5, 6, 7, 7, 7, 8, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9,	H ,888 ,779 ,220 ,40 ,667 ,220 ,330 ,220 ,339 ,220 ,339 ,20 ,78 ,78 ,78 ,78 ,78 ,79 ,78 ,79 ,78 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79	22 44 44 44 44 44 44 44 44 44 44 44 44 4	,441 55 ,446 ,118 3 3 ,660 ,990 447 4 4	9, 88. 88. 88. 11. 14. 44. 33. 70. 11. 11. 11. 11. 11. 11. 11. 11. 11. 1	22 MM 552 MM 69 MM 60 MM 11 MM 13 MM 13 MM 14 MM 15 MM 16 MM	100 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H H H H H H H H H H H H H H H H H H H	2 2 2 4 4 iifugal erter	L	11,1 99,9 11,1 11,1 11,1 11,1 11,1 11,1	2 2 M 1,15	111 100 100 100 100 100 100 100 100 100	H ,87 ,221 4 4 99 90 1115 4 20 99 99 4 4 4	3,3,555 6 6 7 7 1 44(4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	L 668 774 6 6 6 332 771 6 6 6 558 333 116 77 5 5 5 11 1.55	111 10 11 10 11 11 11 11 11 11 11 11 11	2 M ,63 ,63 ,000 ,77 ,78 ,994 ,77 ,78 ,994 ,77 ,78 ,994 ,77 ,77 ,78 ,79 ,994 ,77 ,77 ,77 ,77 ,77 ,77 ,77 ,77 ,77 ,7	12 10 10 10 10 10 10 10 10 10 11 11 11 11	H ,666 ,888 99 229 882 99 466 227 111 99 999 990 990 990 990 990 990 990
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Signal 0-10V Duct type fan coil sound data (4) Sound power level (inlet + radiated) Sound power level (outlet) Water coil Water coil	WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	2, 44 3, 3, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	L	8, 8, 77. 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M M 334 332 77 7 115 220 8 8 8 8 8 8 8 8 8 8 8 8 8 9 11 11 12 2 12 15 6,00	8, 8, 7, 7, 2, 4, 4, 3, 3, 7, 7, 6, 5, 5, 5, 5, 5, 5, 5, 6, 7, 7, 7, 8, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9,	H ,888 ,779 ,220 ,40 ,667 ,220 ,330 ,220 ,339 ,220 ,339 ,20 ,78 ,78 ,78 ,78 ,78 ,79 ,78 ,79 ,78 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79	22 44 44 44 44 44 44 44 44 44 44 44 44 4	,441 55 ,446 ,118 3 3 ,660 ,990 447 4 4	9, 88. 88. 88. 11. 14. 44. 33. 70. 11. 11. 11. 11. 11. 11. 11. 11. 11. 1	22 M 552 335 11 669 606 11 41 330 660 11 11 11 11 11 11 11 11 11 1	100 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H H H H H H H H H H H H H H H H H H H	2 2 2 4 4 iifugal erter	L	11,1 99,9 11,1 11,1 11,1 11,1 11,1 11,1	22 M 15 15 15 15 15 15 15 15 15 15 15 15 15	111 100 100 100 100 100 100 100 100 100	H ,87 ,221 4 4 99 90 1115 4 20 99 99 4 4 4	3,3,555 6 6 7 7 1 44(4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	L 668 774 6 6 6 332 771 6 6 6 558 333 116 77 5 5 5 11 1.55	111 10 11 10 11 11 11 11 11 11 11 11 11	2 MM ,63 ,63 ,63 ,78 ,78 ,78 ,78 ,77 ,78 ,77 ,78 ,77 ,77	12 10 10 10 10 10 10 10 10 10 11 11 11 11	H ,666 ,888 99 229 882 99 466 227 111 99 999 990 990 990 990 990 990 990
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate High static pressure Input power Signal 0-10V Duct type fan coil sound data (4) Sound power level (inlet + radiated) Sound power level (outlet) Water coil	WWW/hkPa	2, 44 3, 3, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	L	8, 8, 77. 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 M M M M M M M M M M M M M M M M M M M	8, 8, 7, 7, 2, 4, 4, 3, 3, 7, 7, 6, 5, 5, 5, 5, 5, 5, 5, 6, 7, 7, 7, 8, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9,	H ,888 ,779 ,220 ,40 ,667 ,220 ,330 ,220 ,339 ,220 ,339 ,20 ,78 ,78 ,78 ,78 ,78 ,79 ,78 ,79 ,78 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79 ,79	22 44 44 44 44 44 44 44 44 44 44 44 44 4	,441 55 ,446 ,118 3 3 ,660 ,990 447 4 4	9, 88. 88. 88. 11. 14. 44. 33. 70. 11. 11. 11. 11. 11. 11. 11. 11. 11. 1	22 MM 552 MM 69 MM 60 MM 11 MM 13 MM 13 MM 14 MM 15 MM 16 MM	100 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H ,15 ,990 ,2 000 660 ,2 70 ,50 ,118 ,12 Centr Investigation (1) ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10	2 2 2 4 4 iifugal erter	L	11,1 99,9 11,1 11,1 11,1 11,1 11,1 11,1	2 2 M 1,15	111 100 100 100 100 100 100 100 100 100	H ,87 ,221 4 4 99 90 1115 4 20 99 99 4 4 4	3,3,555 6 6 7 7 1 44(4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	L 668 774 6 6 6 332 771 6 6 6 558 333 116 77 5 5 5 11 1.55	111 10 11 10 11 11 11 11 11 11 11 11 11	2 M ,63 ,63 ,000 ,77 ,78 ,994 ,77 ,78 ,994 ,77 ,78 ,994 ,77 ,77 ,78 ,79 ,994 ,77 ,77 ,77 ,77 ,77 ,77 ,77 ,77 ,77 ,7	12 10 10 10 10 10 10 10 10 10 11 11 11 11	H ,666 ,888 99 229 882 99 466 227 111 99 999 990 990 990 990 990 990 990

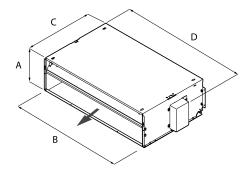
⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

4-pipe

трис		FC	Z1201P)		CZ[301F	,		FCZI401P	,	I	FCZ I 501F)		FCZ I 701F)		CZ I 901P	,
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	H
Heating performance 65 °C / 55 °C (1)																			
Heating capacity	kW 0	,94	1,42	1,49	1,60	2,34	2,47	1,99	2,69	2,85	2,62	3,59	3,45	2,99	3,70	3,92	3,17	5,09	5,47
Water flow rate system side	I/h	81	122	128	138	201	212	171	231	245	225	309	297	257	318	337	273	438	470
Pressure drop system side	kPa	4	9	9	6	12	13	4	7	8	6	9	9	8	12	13	4	10	11
Cooling performance 7 °C / 12 °C (2)																			
Cooling capacity	kW 0	,80	1,37	1,45	1,40	2,38	2,53	2,03	2,98	3,21	2,73	3,68	3,84	2,20	4,00	4,30	2,80	4,80	5,24
Sensible cooling capacity	kW 0	,63	1,13	1,20	1,10	1,82	1,94	1,45	2,18	2,36	1,98	2,73	2,85	1,71	3,00	3,20	2,10	3,60	3,90
Water flow rate system side	I/h 1	138	236	249	241	409	435	349	512	552	469	633	660	378	688	739	482	825	901
Pressure drop system side	kPa	5	14	16	7	15	17	9	13	20	13	23	25	6	18	20	5	12	13
Fan																			
Туре	type									Centr	ifugal								
Fan motor	type									Inve	erter								
	no.		1			2			2			2			3			3	
Air flow rate	m ³ /h 1	123	240	257	225	390	424	300	470	515	410	600	630	405	730	799	405	730	799
High static pressure	Pa	13	50	57	16	50	59	20	50	60	23	50	55	15	50	60	15	50	60
Input power	W	7	27	31	10	31	40	14	38	58	18	50	60	21	61	78	21	61	78
Signal 0-10V	%	43	84	90	48	83	90	52	82	90	58	85	90	46	82	90	45	84	90
Duct type fan coil sound data (3)																			
Sound power level (inlet + radiated)	dB(A) 3	37,0	57,0	59,0	36,0	50,0	53,0	43,0	53,0	55,0	45,0	56,0	57,0	38,0	55,0	58,0	38,0	55,0	58,0
Sound power level (outlet)	dB(A) 3	3,0	53,0	55,0	32,0	47,0	49,0	39,0	49,0	52,0	42,0	52,0	52,0	34,0	51,0	54,0	34,0	51,0	54,0
Water coil																			
Water content main coil	1		0,5			0,8			1,0			1,0			1,2			1,8	
Water content the secondary coil			0,2			0,3			0,3			0,3			0,4			0,7	
Diametre hydraulic ÿ ttings																			
Main coil	Ø		1/2"			3/4"			3/4"			3/4"			3/4"			3/4"	
Secondary coil	Ø									1,	/2"								

⁽¹⁾ Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C, EUROVENT
(2) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(3) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

DIMENSIONS



		FCZI200P	FCZI250P	FCZI300P	FCZI350P	FCZI400P	FCZ1450P
Dimensions and weights							
<u>A</u>	mm	216	216	216	216	216	216
В	mm	522	522	753	753	973	973
C	mm	453	453	453	453	453	453
D	mm	562	562	793	793	1013	1013
Net weight	kg	12	14	14	16	20	22
		FCZI500P	FCZI550P	FCZI700P	FCZI750P	FCZ I 900P	FCZI950P
Dimensions and weights							
A	mm	216	216	216	216	216	216
В	mm	973	973	1122	1122	1122	1122
С	mm	453	453	453	453	558	558
D	mm	1013	1013	1147	1147	1147	1147
Net weight	kg	23	24	29	31	32	32
		FCZJ201P	FCZJ202P	FCZ[301P	FCZJ302P	FCZ I 401P	FCZI402P
Dimensions and weights							
<u>A</u>	mm	216	216	216	216	216	216
D.		216	210	210	210	210	210
<u>B</u>	mm	522	522	753	753	973	973
<u>C</u>							
D C B	mm	522	522	753	753	973	973
C	mm mm	522 453	522 453	753 453	753 453	973 453	973 453
C D	mm mm	522 453 562	522 453 562	753 453 793	753 453 793	973 453 1013	973 453 1013
C D	mm mm	522 453 562 13	522 453 562 14	753 453 793	753 453 793 16	973 453 1013 21	973 453 1013 22
C D Net weight	mm mm	522 453 562 13	522 453 562 14	753 453 793	753 453 793 16	973 453 1013 21	973 453 1013 22
C D Net weight	mm mm mm kg	522 453 562 13 FCZI501P	522 453 562 14 FCZI502P	753 453 793	753 453 793 16	973 453 1013 21 FCZI702P	973 453 1013 22 FCZI901P
D Net weight Dimensions and weights A	mm mm mm kg	522 453 562 13 FCZI501P	522 453 562 14 FCZI502P	753 453 793	753 453 793 16 FCZI701P	973 453 1013 21 FCZ1702P	973 453 1013 22 FCZI901P
D Net weight Dimensions and weights A	mm mm mm kg mm	522 453 562 13 FCZI501P	522 453 562 14 FCZ1502P	753 453 793	753 453 793 16 FCZI701P	973 453 1013 21 FCZ1702P	973 453 1013 22 FCZI901P 216 1122

www.aermec.com















UL-P

Fan coil unit for ducted installations



- Very quiet
- Ideal for residential or office solutions
- Version with Coldplasma Air purifier





DESCRIPTION

Monobloc duct type fan coils for heating and/or cooling small and medium-sized environments for civil and commercial use.

It can be installed on 2-pipe systems and combined with any heat generator even at low temperatures. Choosing the optimal solution for any requirement is easy thanks to the various versions available and to the possibility of horizontal or vertical installation, depending on the version.

VERSIONS

P Without shell, vertical and horizontal installation, lower intake, without commands

PAF Without shell, vertical and horizontal installation, front intake, without commands

FEATURES

Ventilation group

Comprised of a dual intake centrifugal fan that is particularly silent, statically and dynamically balanced and directly coupled to the motor shaft.

The electric motor is single-phase multi-speed (3 selectable), mounted on anti-vibration supports and with a permanently inserted capacitor.

Heat exchanger coil

With copper pipes and aluminium fins, the main coil has female gas water connections on the left side and the manifolds have air vents. The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

■ The hydraulic connections can be inverted during installation.

Condensate drip

Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Air filter

The fan coils have, as standard, precharged electrostatic filters. These filters, thanks to their special execution, attracts and retains all suspended dust particles, thus garanteeing pure breathable air to the whole family.

ACCESSORIES

Control panels

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SIT3: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel (selector or thermostat). Commands the 3 fan speeds and must be installed on each fan coil within the network; receives the commands from the selector or the SIT5 card.

SIT5: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel. Commands the 3 fan speeds and up to 2 valves (four pipe systems); sends the thermostat's commands to the fan coil network.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet). **WMT05:** Electronic thermostat with thermostated ventilation.

WMT10: Electronic thermostat, white, with thermostated or continuous ventilation.

VMF system

VMF-EOX: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E2D: User interface on the machine, to be combined with the VMF-E19 accessory.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

Common accessories

DSC: Condensate drainage device.

VCH: 3-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCHD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

BC: Condensate drip.

Ventilcassaforma: Galvanised sheet metal template. It makes it possible to obtain directly in the wall a space for housing the fan coil.

GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Omnia ULP

Field	Description
1,2,3	ULP
4,5	Size 11, 16, 26, 36
6	Version
Р	Without shell, vertical and horizontal installation, lower intake, without commands
PAF	Without shell, vertical and horizontal installation, front intake, without commands

ACCESSORIES COMPATIBILITY

Control panels and dedicated accessories - Omnia ULP

Model	Ver	11	16	26	36
AER503IR (1)	P,PAF	•	•	•	•
PR0503	P,PAF	•	•	•	•
SA5 (2)	P,PAF	•	•	•	•
SIT3 (3)	P,PAF	•	•	•	•
SIT5 (4)	P,PAF	•	•	•	•
SW5 (2)	P,PAF	•	•	•	•
TX (1)	P,PAF	•	•	•	•
WMT05	P,PAF	•			
WMT10	P,PAF		•	•	•

- (1) Wall-mount installation.
 (2) Probe for AER503IR-TX thermostats, if fitted.
- (3) Cards for AERSO3IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
 (4) Probe for AERSO3IR-TX thermostats, if fitted.

VMF system - Omnia ULP

Model	Ver	11	16	26	36
VMF-EOX (1)	P,PAF	•	•	•	•
VMF-E19	P,PAF	•	•	•	•
VMF-E19I	P,PAF	•	•	•	•
VMF-E4DX	P,PAF	•	•	•	•
VMF-E4X	P,PAF	•	•	•	•
VMF-IO	P,PAF	•	•	•	•
VMF-LON	P,PAF	•	•	•	•
VMF-SIT3 (2)	P,PAF	•	•	•	•
VMF-SW	P,PAF	•	•	•	•
VMF-SW1	P,PAF	•	•	•	•

- (1) Also the accessory VMF-SIT3 is mandatory if the unit exceeds 0.7 Amperes
- (2) For the selection, consult the documentation for the thermostat and the fan coil.

Condensate drip

Model	Ver	11	16	26	36
BC10 (1)	P,PAF	•	•	•	•
BC20 (2)	P,PAF	•	•	•	•

- (1) For vertical installation.(2) For horizontal installation.

Condensate drainage

Model	Ver	11	16	26	36
DSC5 (1)	P,PAF	•	•	•	•
(1) The accessory cannot be fit if the	e accessory BC10 or BC20 is installed.				
Model	Ver	11	16	26	36
Model VCH	Ver P,PAF	<u>11</u>	16 •	. 26 •	36

2 way valve kit

2 way valve kit					
Model	Ver	11	16	26	36
VCHD	P,PAF	•	•	•	•

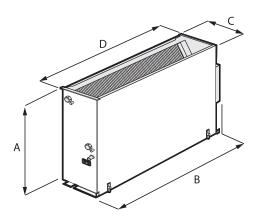
PERFORMANCE SPECIFICATIONS

2-pipe

			UL11P			UL16P			UL26P			UL36P	_
		1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)													
Heating capacity	kW	1,06	1,46	2,01	1,54	2,12	2,91	2,89	3,83	4,62	3,63	4,87	5,94
Water flow rate system side	l/h	93	128	176	135	186	255	254	336	405	310	427	521
Pressure drop system side	kPa	1	1	2	1	2	4	5	8	11	3	5	7
Heating performance 45 °C / 40 °C (2)													
Heating capacity	kW	0,52	0,73	1,00	0,76	1,05	1,44	1,44	1,90	2,29	1,75	2,42	2,95
Water flow rate system side	l/h	92	126	174	133	183	251	249	331	399	305	420	513
Pressure drop system side	kPa	1	1	2	2	3	3	5	8	11	7	13	18
Cooling performance 7 °C / 12 °C (3)													
Cooling capacity	kW	0,53	0,67	0,82	0,69	0,87	1,17	1,26	1,65	1,99	1,63	2,26	2,79
Sensible cooling capacity	kW	0,38	0,52	0,68	0,52	0,69	0,96	0,97	1,30	1,61	1,13	1,59	2,00
Water flow rate system side	l/h	94	117	145	122	153	206	220	289	349	286	394	487
Pressure drop system side	kPa	1	2	2	2	3	5	5	8	11	7	13	19
Fan													
Туре	type						Centr	ifugal					
Fan motor	type						Asynch	ronous					-
Number	no.		1			1			2	-		2	
Air flow rate	m³/h	80	120	180	110	160	240	190	270	350	240	350	460
Input power	W	8	12	18	23	25	32	24	27	35	30	35	42
Electrical wiring		V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3
Diametre hydraulic ÿ ttings										_	_		
Main coil	Ø						1/	/2"					
Water coil													
Water content main coil	l l		0,3			0,4			0,6			0,8	
Power supply													
Power supply							230V	~50Hz					

- (1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C (2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT (3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT

DIMENSIONS



		UL11P	UL16P	UL26P	UL36P
Dimensions and weights	3				
A	mm	465	465	465	465
В	mm	420	530	761	981
C	mm	171	171	171	171
D	mm	360	470	701	921
Net weight	kg	10	12	15	18

Aermec reserves the right to make any modifications deemed necessary. All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

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ULI-P

Fan coil unit for ducted installations



- Very quiet
- Ideal for residential or office solutions





DESCRIPTION

Monobloc duct type fan coils for heating and/or cooling small and medium-sized environments for civil and commercial use.

It can be installed on 2-pipe systems and combined with any heat generator even at low temperatures. Choosing the optimal solution for any requirement is easy thanks to the various versions available and to the possibility of horizontal or vertical installation, depending on the version.

VERSIONS

P Without the shell, floor installation, ceiling mount, intake at base, without controls

PAF Without the shell, floor installation, ceiling mount, front suction, without controls

FEATURES

Ventilation group

Centrifugal fans in anti-static plastic material with aerofoil profile designed to achieve high airflows and pressures whilst at the same time producing low noise.

Their characteristics permit energy savings compared to conventional fans.

They are statically and dynamically balanced and directly coupled to the motor shaft.

The Brushless electric motor with 0-100% continuous speed variation, which allows precise adaptation to the real demands of the internal environment without temperature fluctuations.

The air flow can be continuously changed through a 1-10 V signal, coming from adjustment and control commands Aermec or from independent adjustment systems.

This lowers noise and generates a better response to heat loads and a higher stability in the desired temperature inside the room.

The high efficiency even with low speed, makes it possible to reduce power consumption (more than 50% less than fan coils with traditional motors).

The plastic augers are extractable for easy and efficient cleaning.

Heat exchanger coi

With copper pipes and aluminium fins, the main coil has female gas water connections on the left side and the manifolds have air vents. The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

■ The hydraulic connections can be inverted during installation.

Condensate drip

Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Air filter

The fan coils have, as standard, precharged electrostatic filters. These filters, thanks to their special execution, attracts and retains all suspended dust particles, thus garanteeing pure breathable air to the whole family.

ACCESSORIES

Control panels

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

 ${f SW5:}$ water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

VMF system

VMF-EOX: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E19I: Thermostat for inverter unit to be fixed on the side of the fan coil, fitted as standard with an air and water probe.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IO: Manage the unit exclusively from a centralized VMF control panel without area control panel.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

VMF-LON: Expansion allowing the thermostat to interface with BMS systems that use the LON protocol.

VMF-SW: Water temperature probe.

Common accessories

DSC: Condensate drainage device.

VCH: 3-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCHD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

BC: Condensate drip.

Ventilcassaforma: Galvanised sheet metal template. It makes it possible to obtain directly in the wall a space for housing the fan coil.

GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Omnia ULP

Field	Description
1,2,3	ULP
4,5	Size 11, 16, 26, 36
6	Version
Р	Without shell, vertical and horizontal installation, lower intake, without commands
PAF	Without shell, vertical and horizontal installation, front intake, without commands

ACCESSORIES COMPATIBILITY

Control panels and dedicated accessories - Omnia ULP

Model	Ver	16	26	36
AER503IR (1)	P,PAF	•	•	•
PR0503	P,PAF	•	•	•
SA5 (2)	P,PAF	•	•	•
SW5 (2)	P,PAF	•	•	•
TX (1)	P,PAF	•	•	•

VMF system - Omnia ULP

Model	Ver	16	26	36
VMF-EOX (1)	P,PAF	•		
VMF-E19I	P,PAF	•	•	•
VMF-E3	P,PAF	•	•	•
VMF-E4DX	P,PAF	•	•	•
VMF-E4X	P,PAF	•	•	•
VMF-IO	P,PAF	•	•	•
VMF-IR	P,PAF	•	•	•
VMF-LON	P,PAF	•	•	•
VMF-SW	P,PAF	•	•	•

⁽¹⁾ Also the accessory VMF-SIT3 is mandatory if the unit exceeds 0.7 Amperes.

Condensate drip

Model	Ver	16	26	36
BC10 (1)	P,PAF	•	•	•
BC20 (2)	P,PAF	•	•	•

⁽¹⁾ For vertical installation.

Condensate drainage

Model	Ver	16	26	36
DSC5 (1)	P,PAF	•	•	•

⁽¹⁾ The accessory cannot be fit if the accessory BC10 or BC20 is installed.

Ver

2 way valve kit Model

VCHD	P,PAF	•	•	•
3 way valve kit				
Model	Ver	16	26	36
VCH	P,PAF	•	•	•

26

36

16

⁽¹⁾ Wall-mount installation.(2) Probe for AER503IR-TX thermostats, if fitted.

⁽²⁾ For horizontal installation

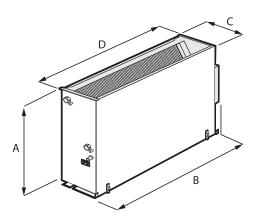
PERFORMANCE SPECIFICATIONS

2-pipe

			ULI16P			ULI26P			ULI36P	
		1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	H
Heating performance 70 °C / 60 °C (1)										
Heating capacity	kW	1,54	2,12	2,91	2,89	3,83	4,62	3,53	4,87	5,94
Water flow rate system side	l/h	135	186	255	254	336	405	310	427	521
Pressure drop system side	kPa	1	2	4	5	8	11	3	5	7
Heating performance 45 °C / 40 °C (2)										
Heating capacity	kW	0,76	1,05	1,44	1,44	1,90	2,29	1,75	2,42	2,95
Water flow rate system side	l/h	133	183	251	249	331	399	305	420	513
Pressure drop system side	kPa	2	2	2	5	8	11	7	12	18
Cooling performance 7 °C / 12 °C (3)										
Cooling capacity	kW	0,69	0,87	1,17	1,26	1,65	1,99	1,63	2,26	2,79
Sensible cooling capacity	kW	0,52	0,69	0,96	0,97	1,30	1,61	1,13	1,59	2,00
Water flow rate system side	l/h	122	153	206	220	289	349	286	394	487
Pressure drop system side	kPa	2	3	5	6	8	11	7	13	19
Fan										
Туре	type					Centrifugal				
Fan motor	type					Inverter				
Number	no.		1			2			2	
Air flow rate	m³/h	110	160	240	190	270	350	240	350	460
Input power	W	6	8	12	7	10	15	8	12	18
Diametre hydraulic ÿ ttings										
Main coil	Ø					1/2"				
Water coil										
Water content main coil			0,4			0,6			0,8	
Power supply										
Power supply						230V~50Hz				

- (1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C (2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT (3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT

DIMENSIONS



		ULI16P	ULI26P	ULI36P
Dimensions and weigh	nts			
A	mm	465	465	465
В	mm	530	761	981
C	mm	171	171	171
D	mm	470	701	921
Net weight	kg	12	15	18















Coanda-effect fan coil for cassette installation



- Very quiet
- Total comfort in every season





DESCRIPTION

Thanks to a special air intake and flow grid, these units allow a coanda-effect air flow to be generated, parallel to the ceiling, creating optimal circulation inside the room to be air-conditioned.

They are suitable to be installed inside a suspended ceiling.

FEATURES

Ventilation group

Comprised of a dual intake centrifugal fan that is particularly silent, statically and dynamically balanced and directly coupled to the motor shaft

In addition to the traditional three-speed asynchronous motor for the "VECs", every unit can be supplied with a "VEC_I" Brushless-type inverter motor controlled by an inverter board.

Heat exchanger coil

With copper pipes and aluminium fins, the main coil has female gas water connections on the left side and the manifolds have air vents. Units are available with a standard coil (20-50) and a larger coil (24-54). Only units with the standard coil can be combined with an additional electric or water coil with 1 row, both available as an accessory.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

■ The hydraulic connections can be inverted during installation.

Air filter

Fire resistance class 1 air filter.

ACCESSORY COMPULSORY

VEC_GL: Air intake and flow grid with adjustable Coanda-effect vents (white M9016 = lacquered white similar to Ral 9016).

Control panels and dedicated accessories

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric

heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

FMT10: Electronic thermostat for fan coil in to 2/4 pipe systems.

PX2: Commutator switch.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SIT3: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel (selector or thermostat). Commands the 3 fan speeds and must be installed on each fan coil within the network; receives the commands from the selector or the SIT5 card.

SIT5: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel. Commands the 3 fan speeds and up to 2 valves (four pipe systems); sends the thermostat's commands to the fan coil network.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

WMT05: Electronic thermostat with thermostated ventilation.

WMT06: Electronic thermostat with continuous ventilation.

WMT10: Electronic thermostat, white, with thermostated or continuous ventilation.

VMF Components

VMF-E19: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF_N/M and GLL_N, can be controlled with VMF-IR control.

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

VMF-SW: Water temperature probe.

VMF-SW1: Extra water probe to be used for 4-pipe systems.

Common accessories

BV: Single row hot water heat exchanger.

RX: Armoured electric coil with safety thermostat.

VCFD: Motorized 2-way valve kit without insulating shell, can be installed on the main or secondary battery or a battery that is only warm. The kit is made up of a valve, actuator and relative hydraulic fittings. It can be installed on fan coils with connections on the right and on the

VCF41 - 42 - 43 - for main coil: 3-way motorised valve kit for the main coil. The kit consists of a valve with its insulating shell, actuator and relevant water fittings; it is suitable to be installed on the fan coils with right and left water connections.

DSC: Condensate drainage device.

BC: Condensate drip.

VCF44 - 45 - for the secondary coil: The 3-way motorised valve kit for the secondary coil or an optional heat only coil. The kit consists of a valve with its insulating shell, actuator and relevant water fittings; it is suitable to be installed on the fan coils with right and left water con-

PCR1: Galvanised plate protection for the controls and the electrical element.

ACCESSORIES COMPATIBILITY

Accessories mandatory

Intake grid and distribution of the air

Model	Ver	20	24	30	34	40	44	50	54
VEC20GL (1)		•	•						
VEC30GL (1)				•	•				
VEC40GL (1)						•	•	•	•

(1) Mandatory accessory.

Control panels and dedicated accessories

Model	Ver	20	24	30	34	40	44	50	54
AER503IR (1)		•	•	•	•	•	•	•	•
FMT10		•	•	•	•	•	•	•	•
PX2		•	•	•	•	•	•	•	•
SA5 (2)		•	•	•	•	•	•	•	•
SIT3 (3)		•	•	•	•	•	•	•	•
SIT5 (4)		•	•	•	•	•	•	•	•
SW3 (2)		•	•	•	•	•	•	•	•
SW5 (2)		•	•	•	•	•	•	•	•
TX (1)		•	•	•	•	•	•	•	•
WMT05		•	•	•	•	•	•	•	•
WMT06		•	•	•	•	•	•	•	•
WMT10					•	•			•

- (1) Wall-mount installation.
- (2) Probe for AERSO3IR-TX thermostats, if fitted.
 (3) Cards for AERSO3IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
 (4) Probe for AERSO3IR-TX thermostats, if fitted.

VMF Components

Model	Ver	20	24	30	34	40	44	50	54
VMF-E19		•	•	•	•	•	•	•	•
VMF-E3		•	•	•	•	•	•	•	•
VMF-E4X		•	•	•	•	•	•	•	•
VMF-IR		•	•	•	•	•	•	•	•
VMF-SW	•	•	•	•	•	•	•	•	•
VMF-SW1		•	•	•	•	•	•	•	•

Common accessories

Electric coil

Model	Ver	20	24	30	34	40	44	50	54
RX22 (1)		•	•						
RX32 (1)				•	•				
RX42 (1)						•	•		
RX52 (1)								•	

(1) Requires a thermostat with heater management. Not available for sizes with an oversized main coil.

Protection for controls and electric resistance

Model	Ver	20	24	30	34	40	44	50	54
PCR1V		•	•	•	•	•	•	•	•

Water coil with 1 row

Model	Ver	20	24	30	34	40	44	50	54
BV122 (1)	•	•							
BV132 (1)	·			•					
BV142 (1)									

(1) Not available for sizes with oversized main coil.

3-way valve kit - main coil or accessory BV coil

	VEC20	VEC24	VEC30	VEC34	VEC40	VEC44	VEC50	VEC54
Main coil	VCF41 - VCF4124	VFC42 - VCF4224	VCF41 - VCF4124	VFC42 - VCF4224				
Additional coil "BV"	VCF44 - VCF4424	-						

2-way valve kit - main coil or accessory BV coil

	VEC20	VEC24	VEC30	VEC34	VEC40	VEC44	VEC50	VEC54
Main coil	VCFD1 - VCFD124	VCFD2 - VCFD224	VCFD1 - VCFD124	VCFD2 - VCFD224	VFCD2 - VCFD224	VFCD2 - VCFD224	VFCD2 - VCFD224	VFCD2 - VCFD224
Additional coil "BV"	VCFD4 - VCFD424	-						

Valves ending with 24 ex. VCFD124, are 24V.

Condensate drip

_									
	Ver	20	24	30	34	40	44	50	54
		BC5 (1)							

(1) For horizontal installation.

Condensate drainage

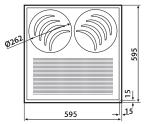
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Ver	20	24	30	34	40	44	50	54
	DSC4							

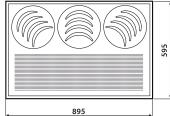
PERFORMANCE SPECIFICATIONS VEC

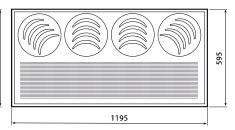
			VEC20			VEC24			VEC30			VEC34	ļ		VEC40			VEC44	i		VEC50			VEC54	
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)																									
Heating capacity	kW	1,87	2,54	3,10	2,07	2,50	3,42	3,03	3,64	4,31	4,31	53,18	6,14	4,21	5,21	6,29	5,41	6,68	8,07	4,76	6,34	7,16	6,06	8,08	9,18
Water flow rate system side	l/h	164	223	272	181	219	300	266	319	378	378	454	538	369	457	551	474	586	708	417	556	628	532	709	805
Pressure drop system side	kPa	2	4	6	1	2	3	9	13	17	5	7	9	6	9	12	9	14	19	7	11	14	9	15	19
Heating performance 45 °C / 40 °C (2)																									
Heating capacity	kW	0,95	1,26	1,54	1,20	1,40	1,70	1,50	1,81	2,14	2,15	2,57	3,05	2,09	2,59	3,12	2,69	3,30	4,01	2,37	3,15	3,56	3,02	4,02	4,54
Water flow rate system side	I/h	163	217	265	206	241	292	258	311	368	370	442	525	359	445	537	463	568	690	408	542	612	519	691	781
Pressure drop system side	kPa	3	5	7	2	3	4	9	13	17	5	7	9	6	9	13	10	14	20	7	12	14	17	15	19
Cooling performance 7 °C / 12 °C (3)																									
Cooling capacity	kW	0,80	1,07	1,31	0,88	1,21	1,52	1,35	1,61	1,91	1,79	2,14	2,47	1,99	2,47	2,99	2,55	3,34	3,91	2,35	3,17	3,61	3,00	4,00	4,28
Sensible cooling capacity	kW	0,64	0,87	1,07	0,67	0,90	1,14	1,03	1,25	1,49	1,26	1,51	1,78	1,58	1,98	2,41	1,91	2,42	2,74	1,68	2,27	2,59	2,09	2,83	3,04
Water flow rate system side	I/h	138	184	225	151	208	261	232	277	329	308	368	425	342	425	514	439	574	673	404	545	621	516	688	736
Pressure drop system side	kPa	3	4	6	1	2	3	6	11	13	5	6	8	6	9	12	11	17	22	7	12	15	17	27	30
Fan																									
Туре	type												Centr	ifugal											
Fan motor	type												Asynch	ronous											
Number	no.		1			1			2			2			2			2			2			2	
Air flow rate	m³/h	130	194	247	130	167	247	241	309	383	241	309	383	306	406	511	306	406	511	371	529	613	371	529	613
Input power	W	19	22	25	19	22	25	25	33	44	25	33	44	30	43	57	30	43	57	34	46	67	34	46	67
Electrical wiring		V1	V2	V3	V1	V2	٧3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3
Fan coil sound data (4)																									
Sound power level	dB(A)	35,0	42,0	48,0	35,0	42,0	48,0	37,0	43,0	49,0	37,0	43,0	49,0	38,0	43,0	48,0	38,0	43,0	48,0	43,0	50,0	53,0	43,0	50,0	53,0
Sound pressure	dB(A)	27,0	34,0	40,0	27,0	34,0	40,0	29,0	35,0	41,0	29,0	35,0	41,0	30,0	35,0	40,0	30,0	35,0	40,0	35,0	38,0	45,0	35,0	38,0	45,0
Diametre hydraulic ÿ ttings																									
Main coil	Ø		1/2"			3/4"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"	
Power supply																									
Power supply													230V-	~50Hz											

⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

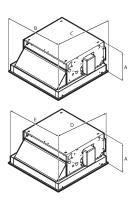
GRID DIMENSIONS (MANDATORY ACCESSORY)







DIMENSIONS



Dimensions and weights of the unit with grid (maximum dimen-

,										
Size			20	24	30	34	40	44	50	54
Dimensions and we	eights									
A		mm	283	283	283	283	283	283	283	283
В		mm	595	595	895	895	1195	1195	1195	1195
C		mm	595	595	595	595	595	595	595	595
Empty weight		kg	16	16	21	21	25	25	25	25
Weight of the grid		kg	3,7	3,7	5,7	5,7	7,0	7,0	7,0	7,0

Dimensions of the unit with grid (dimensions for installation)

Size			20	24	30	34	40	44	50	54
Dimensions and	d weights									
A		mm	283	283	283	283	283	283	283	283
D		mm	574	574	574	574	574	574	574	574
E		mm	574	574	874	874	1174	1174	1174	1174















VEC-I

Coanda-effect fan coil for cassette installation



- Very quiet
- Electric saving equal to 50% with respect to a fan coil with 3-speed motor
- Total comfort: reduced variations in temperature and relative humidity in every season





DESCRIPTION

Thanks to a special air intake and flow grid, these units allow a coanda-effect air flow to be generated, parallel to the ceiling, creating optimal circulation inside the room to be air-conditioned.

They are suitable to be installed inside a suspended ceiling.

FEATURES

Ventilation group

Comprised of a dual intake centrifugal fan that is particularly silent, statically and dynamically balanced and directly coupled to the motor shaft

The Brushless electric motor with 0-100% continuous speed variation, which allows precise adaptation to the real demands of the internal environment without temperature fluctuations.

Continuous air flow rate variation is made possible by a 0-10V signal generated by Aermec adjustment and control commands or by independent regulation systems.

This lowers noise and generates a better response to heat loads and a higher stability in the desired temperature inside the room.

The high efficiency even with low speed, makes it possible to reduce power consumption (more than 50% less than fan coils with traditional motors).

Apart from the inverter motor of the "VEC-I" models, each unit can be supplied with a single-phase asynchronous "VEC" motor.

Heat exchanger coil

With copper pipes and aluminium fins, the main coil has female gas water connections on the left side and the manifolds have air vents. Units are available with a standard coil (20-50) and a larger coil (24-54). Only units with the standard coil can be combined with an additional electric or water coil with 1 row, both available as an accessory.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

■ The hydraulic connections can be inverted during installation.

Air filter

Fire resistance class 1 air filter.

ACCESSORY COMPULSORY

Control panels and dedicated accessories

AER503 R: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

VMF Components

VMF-E191: Thermostat for inverter unit to be fixed on the side of the fan coil, fitted as standard with an air and water probe.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-SW: Water temperature probe.

VMF-SW1: Extra water probe to be used for 4-pipe systems.

Common accessories

BV: Single row hot water heat exchanger.

RX: Armoured electric coil with safety thermostat.

VCFD: Motorized 2-way valve kit without insulating shell, can be installed on the main or secondary battery or a battery that is only warm. The kit is made up of a valve, actuator and relative hydraulic fittings. It can be installed on fan coils with connections on the right and on the left.

VCF41 - 42 - 43 - for main coil: 3-way motorised valve kit for the main coil. The kit consists of a valve with its insulating shell, actuator and rele-

vant water fittings; it is suitable to be installed on the fan coils with right and left water connections.

DSC: Condensate drainage device.

BC: Condensate drip.

PCR1: Galvanised plate protection for the controls and the electrical element.

ACCESSORIES COMPATIBILITY

Accessories mandatory

Intake grid and distribution of the air

Accessory	VEC24I	VEC30I	VEC34I	VEC40I	VEC44I	VEC50I	VEC54I
VEC20GL	•						
VEC30GL		•	•				
VEC40GL						•	

Control panels and dedicated accessories

Accessory	VEC20I	VEC24I	VEC30I	VEC34I	VEC40I	VEC44I	VEC50I	VEC54I
AER503IR	•	•	•	•		•	•	•
SA5	•	•	•	•	•	•	•	•
SW5	•	•	•	•	•	•	•	•
TX		•		•		•	•	•

VMF Components

Model	Ver	20	24	30	34	40	44	50	54
VMF-E19		•	•	•	•	•	•	•	•
VMF-E3	•	•	•	•	•	•			•
VMF-E4X		•	•	•	•				
VMF-IR		•	•	•	•	•	•	•	•
VMF-SW		•	•	•	•	•	•	•	•
VMF-SW1									

Common accessories

Electric coil

Accessory	VEC20I	VEC24I	VEC30I	VEC34I	VEC40I	VEC44I	VEC50I	VEC54I
RX22	•	•						
RX32			•	•				
RX42					•			
RX52							•	•

Protection for controls and electric resistance

Accessory	VEC20I	VEC24I	VEC30I	VEC34I	VEC40I	VEC44I	VEC50I	VEC54I
PCR1V	•	•	•		•	•	•	•

Water coil with 1 row

Accessory	VEC20I	VEC30I	VEC40I	VEC50I
BV122	•			
BV132		•		
BV142			•	•

3-way valve kit - main coil or accessory BV coil

	VEC20I	VEC24I	VEC30I	VEC34I	VEC40I	VEC44	VEC50I	VEC54I
Main coil	VCF41 - VCF4124	VFC42 - VCF4224	VCF41 - VCF4124	VFC42 - VCF4224				
Additional coil "BV"	VCF44 - VCF4424	-						

2-way valve kit - main coil or accessory BV coil

	VEC20I	VEC24	VEC30I	VEC34I	VEC40I	VEC44	VEC50I	VEC54
Main coil	VCFD1 - VCFD124	VCFD2 - VCFD224	VCFD1 - VCFD124	VCFD2 - VCFD224	VFCD2 - VCFD224	VFCD2 - VCFD224	VFCD2 - VCFD224	VFCD2 - VCFD224
Additional coil "BV"	VCFD4 - VCFD424	-						

Valves ending with 24 ex. VCFD124, are 24V.

Condensate drip

BCS · · · · · · · · · · · · · · · · · · ·	Accessory	VEC20I	VEC24I	VEC30I	VEC34I	VEC40I	VEC44I	VEC50I	VEC54I
	BC5	•	•	•	•	•	•	•	•

Condensate drainage

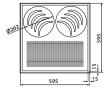
Accessory	VEC20I	VEC24I	VEC30I	VEC34I	VEC40I	VEC44I	VEC50I	VEC54I
DSC4	•	•	•	•	•		•	•

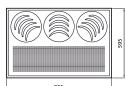
PERFORMANCE SPECIFICATIONS VEC

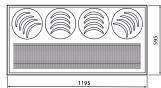
2-ріре			VECOO	_		VECA	_	_	VECOO	_		VEC24	_		VECAO			VECAA	_		VECEA	_		VECEA	_
			VEC20			VEC24			VEC30		_	VEC34			VEC40			VEC44			VEC50			VEC54	
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	l l	M	Н	L	М	Н	L	М	Н	L	М	Н	L	M	Н	l L	М	Н	l l	М	Н
Heating performance 70 °C / 60 °C (1)																									
Heating capacity	kW	1,87	2,54	3,10	2,07	2,50	3,42	3,03	3,64		4,31	53,18		4,21	5,21	6,29	5,41		8,07	4,76	6,34	7,16	6,06		9,18
Water flow rate system side	I/h	164	223	272	181	219	300	266	319	378	378	454	538	369	457	551	474	586	708	417	556	628	532	709	805
Pressure drop system side	kPa	2	4	6	1	2	3	9	13	17	5	7	9	6	9	12	9	14	19	7	11	14	9	15	19
Heating performance 45 °C / 40 °C (2)																									
Heating capacity	kW	0,95	1,26	1,54	1,20	1,40	1,70	1,50	1,81	2,14	2,15	2,57	3,05	2,09	2,59	3,12	2,69	3,30	4,01	2,37	3,15	3,56	3,02	4,02	4,54
Water flow rate system side	l/h	163	217	265	206	241	292	258	311	368	370	442	525	359	445	537	463	568	690	408	542	612	519	691	781
Pressure drop system side	kPa	3	5	7	2	3	4	9	13	17	5	7	9	6	9	13	10	14	20	7	12	14	17	15	19
Cooling performance 7 °C / 12 °C (3)																									
Cooling capacity	kW	0,80	1,07	1,31	0,88	1,21	1,52	1,35	1,61	1,91	1,79	2,14	2,47	1,99	2,47	2,99	2,55	3,34	3,91	2,35	3,17	3,61	3,00	4,00	4,28
Sensible cooling capacity	kW	0,64	0,87	1,07	0,67	0,90	1,14	1,03	1,25	1,49	1,26	1,51	1,78	1,58	1,98	2,41	1,91	2,42	2,74	1,68	2,27	2,59	2,09	2,83	3,04
Water flow rate system side	l/h	138	184	225	151	208	261	232	277	329	308	368	425	342	425	514	439	574	673	404	545	621	516	688	736
Pressure drop system side	kPa	3	4	6	1	2	3	6	11	13	5	6	8	6	9	12	11	17	22	7	12	15	17	27	30
Fan																									
Туре	type												Centr	ifugal											
Fan motor	type												Inve	erter											
Number	no.		1			1			2			2			2			2			2			2	
Air flow rate	m³/h	130	194	247	130	167	247	241	309	383	241	309	383	306	406	511	306	406	511	371	529	613	371	529	613
Input power	W	4	9	14	4	9	14	11	16	35	11	16	35	16	20	26	16	20	26	18	27	34	18	27	34
Signal 0-10V	%	48	70	90	48	70	90	58	66	90	58	66	90	54	72	90	54	72	90	56	78	90	56	78	90
Fan coil sound data (4)																									
Sound power level	dB(A)	35,0	42,0	48,0	35,0	42,0	48,0	37,0	43,0	49,0	37,0	43,0	49,0	38,0	43,0	48,0	38,0	43,0	48,0	43,0	50,0	53,0	43,0	50,0	53,0
Sound pressure	dB(A)	27,0	34,0	40,0	27,0	34,0	40,0	29,0	35,0	41,0	29,0	35,0	41,0	30,0	35,0	40,0	30,0	35,0	40,0	35,0	38,0	45,0	35,0	38,0	45,0
Diametre hydraulic ÿ ttings																									
Main coil	Ø		1/2"			3/4"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"	
Power supply																									
Power supply													230V	~50Hz											

- (1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
 (2) Room air temperature 20°C d.b.; Water (in/out) 45°C/40°C; EUROVENT
 (3) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
 (4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

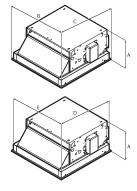
GRID DIMENSIONS (MANDATORY ACCESSORY)







DIMENSIONS



Dimensions and weights of the unit with grid (maximum dimensions)

Size			20	24	30	34	40	44	50	54
Dimensions and w	eights									
A		mm	283	283	283	283	283	283	283	283
В		mm	595	595	895	895	1195	1195	1195	1195
C		mm	595	595	595	595	595	595	595	595
Empty weight		kg	16	16	21	21	25	25	25	25
Weight of the grid		kg	3,7	3,7	5,7	5,7	7,0	7,0	7,0	7,0

Dimensions of the unit with grid (dimensions for installation)

Size			20	24	30	34	40	44	50	54
Dimensions and	weights									
A		mm	283	283	283	283	283	283	283	283
D		mm	574	574	574	574	574	574	574	574
E		mm	574	574	874	874	1174	1174	1174	1174

Aermec reserves the right to make any modifications deemed necessary. All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

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VEC-I_Y_UN50_00

















Fan coil for cassette installation



- Standard internal three-way valve
- Version with 2-way valve for variable water flow rate systems
- · Version without valves





DESCRIPTION

4-way cassettes that can be installed in any type of 2- or 4-pipe system with any heat generator, even at low temperatures. Thanks to the selection of versions and configurations, it's easy to choose the best solution for every need.

FEATURES

Intake grid and distribution of the air

The recovery and air diffusion grille has an elegant design. In plastic, RAL 9010.

The dimensions of the first nine sizes respect the 600x600 mm modularity of false ceilings, whereas the larger sizes measuring 840x840 mm are designed for quiet operation and optimum performance.

Load-bearing structure

Models with a 600x600 mm module have a reinforced load-bearing structure with side panels in galvanised steel sheet, thermally insulated with internal polystyrene foam elements.

The structure of models with a 840x840 mm module is made entirely of galvanised steel sheet, thermally insulated with polyethylene foam on the inside and with an anti-condensate felt coating.

Ventilation group

Formed of a particularly quiet axial-centrifugal fan, statically and dynamically balanced.

The single-phase electric motor offers three or four speeds (depending on the size), is mounted on anti-vibration supports, and has a permanently enabled condenser.

Heat exchanger coil

Heat exchanger with shaped profile to increase the exchange surface, and easily accessible drain valves.

There are models with a single coil for 2-pipe systems, with the possibility to add an electric heater too, and models with two coils for 4-pipe systems.

There is the possibility to combine outside air with the inlet ambient air, and to distribute it in separate rooms.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

Condensate drip

Condensation drip tray in one piece, with V0 self-extinguishing level and overmoulding to insulation in expanded polystyrene with flame retardant additive.

Air filter

Air filter easily removed and cleaned, self-supporting structure, characterised by a high efficiency and low pressure drops, with class-V0 fire resistance (UL 94).

Versions

www.aermec.com

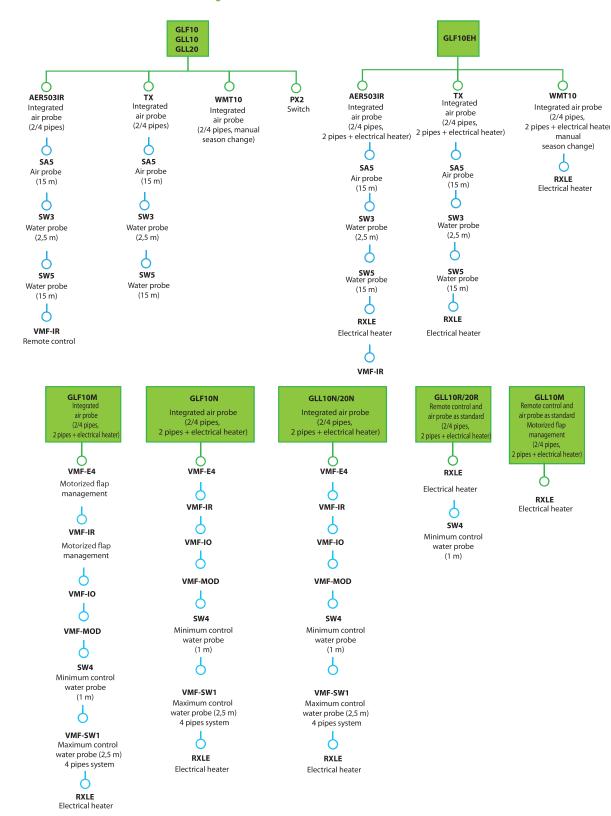
FCL Standard with internal 3-way valve

V2 With internal 2-way valve

VL Without internal valve

ACCESSORIES

Accessories that can be combined with the grilles



Intake grids and distribution of the air, compulsory accessory

GLF10: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm adapts perfectly to standard false ceilings without overlapping parts. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits with manually orientated fins. Must be combined with a wall-mounted panel. (size 840x840 mm not available).

GLF10EH: Recovery and air supply grille in plastic, RAL 9010 colour,

measuring 600x600 mm; adapts perfectly to standard false ceilings without overlapping parts. Suitable for use with the RXLE heater. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits with manually orientated fins. Must be combined with a wall-mounted panel. (size 840x840 mm not available). **GLF10M:** Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm adapts perfectly to standard false ceilings without overlapping parts. It is equipped with an infrared receiver with an emergency operation button, a thermostat card which also requires the installation of the VMF-E4 panel or the VMF-IR remote control. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated. (size 840x840 not available).

GLF10N: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm, adapts perfectly to standard false ceilings without overlapping parts. Fitted with a thermostat board that necessarily requires the installation of the VMF-E4 or VMF-IR panel as well. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated. (size 800x800 mm not available).

GLL10: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm; adapts perfectly to standard false ceilings without overlapping parts. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated. Must be combined with a wall-mounted panel.

GLL10M: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm, adapts perfectly to standard false ceilings without overlapping parts. Fitted with an infrared receiver with an emergency operation button, and a remote control. Suitable for use with the RXLE heater. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be orientated with the remote control.

GLL10N: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm, adapts perfectly to standard false ceilings without overlapping parts. Fitted with a thermostat board that necessarily requires the installation of the VMF-E4X or VMF-IR panel as well. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated.

GLL10R: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm, adapts perfectly to standard false ceilings without overlapping parts. Fitted with an infrared receiver with an emergency operation button, and a remote control. Suitable for use with the RXLE heater. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated.

GLL20: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 840x840 mm, adapts perfectly to standard false ceilings without overlapping parts. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated. Must be combined with a wall-mounted panel.

GLL20N: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 840x840 mm, adapts perfectly to standard false ceilings without overlapping parts. Fitted with a thermostat board that necessarily requires the installation of the VMF-E4X or VMF-IR panel as well. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated.

GLL20R: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 840x840 mm, adapts perfectly to standard false ceilings without overlapping parts. Fitted with an infrared receiver with an emergency operation button, and a remote control. Suitable for use

with the RXLE heater. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated.

VMF system

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IO: Manage the unit exclusively from a centralized VMF control panel without area control panel.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

VMF-MOD: Expansion board for the management of modulating valves

VMF-SW1: Extra water probe to be used for 4-pipe systems.

Control panels and their accessories

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SIT3: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel (selector or thermostat). Commands the 3 fan speeds and must be installed on each fan coil within the network; receives the commands from the selector or the SIT5 card.

SIT5: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel. Commands the 3 fan speeds and up to 2 valves (four pipe systems); sends the thermostat's commands to the fan coil network.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW4: Water temperature probe allowing automatic season change on electronic controllers supplied with water-side change over.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet). **WMT10:** Electronic thermostat, white, with thermostated or continuous ventilation.

Electric heaters

RXLE: Electric heater for heating, can be installed on board the units. **RXLE20:** Electric heater for heating, can be installed on board the units.

Water valve kit

VCFLX4: 3-way valve kit for single-coil fan coil for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves, and the relative hydraulic couplings.

VHL1: 3-way motorised valve kit with 4 connections including the actuator. 230V~50Hz power supply.

VHL124: 3-way motorised valve kit with 4 connections including the actuator. 24V power supply.

VHL20: Motorised 3-way valve kit with 4 connections, complete with actuator and the relative hydraulic couplings. 230V~50Hz power supply.

VHL2024: Motorised 3-way valve kit with 4 connections, complete with actuator and the relative hydraulic couplings. 24V power supply.

VHL2: 2-way motorised valve kit with 2 connections including the actuator. Power supply 230V~50Hz;

VHL22: Motorised 2-way valve kit with 2 connections, complete with actuator and the relative hydraulic couplings. Power supply 230V~50Hz; VHL2224: Motorised 2-way valve kit with 2 connections, complete with actuator and the relative hydraulic couplings. 24V power supply. VHL224: 2-way motorised valve kit with 2 connections including the actuator. 24V power supply.

Installation accessories

FEL10: Kit n°5 electrostatically pre-charged air filter, with fire resistance class 2 (UL 900).

KFL: Delivery flange, allowing the air to be directed to an adjacent

KFL20: Delivery flange, allowing the air to be directed to an adjacent room. Up to three KFL20 can be assembled on a single unit.

KFLD: Suction flange, allows to introduce external air directly into the room without mixing.

KFLD20: Suction flange, allows to introduce external air directly into the room without mixing. Up to two KFL20D can be assembled on a

FCLMC10: Perimeter housing in painted galvanised sheet metal, 600x600 mm, used when the fan coil is installed outside the false ceiling. It has an aesthetic and protective purpose only, so the technical characteristics of the fan coil remain unaltered. Can only be combined with GLL/GLLI grilles.

FCLMC20: Perimeter housing in painted sheet metal, 840x840 mm, used when the fan coil is installed outside the false ceiling. It has an aesthetic and protective purpose only, so the technical characteristics of the fan coil remain unaltered. Can only be combined with GLL/GLLI

ACCESSORIES COMPATIBILITY

Intake grids and distribution of the air

Model	Ver	32	34	36	38	42	44	62	64
GLF10 (1)	FCL,V2,VL	•	•	•	•	•	•	•	•
GLF10EH (2)	FCL,V2,VL	•	•		•	•	•	•	•
GLF10M (3)	FCL,V2,VL	•	•		•	•	•	•	•
GLF10N (3)	FCL,V2,VL	•	•	•	•	•	•	•	
Model	Ver	72	82	84	10	2	104	122	124
GLF10 (1)	FCL,V2,VL	•							
GLF10EH (2)	FCL,V2,VL								
GLF10M (3)	FCL,V2,VL	•							

- Not compatible with the VMF system and electric heaters.
 Not compatible with the VMF system, but compatible with electric heaters.
 Compatible with the VMF system and electric heaters.

Intake grid and distribution of the air

Model	Ver	32	34	36	38	42	44	62	64
GLL10 (1)	FCL,V2,VL	•	•	•	•	•	•	•	•
GLL10M (2)	FCL,V2,VL	•	•	•	•	•	•	•	
GLL10N (3)	FCL,V2,VL	•	•	•	•	•	•	•	
GLL10R (2)	FCL,V2,VL	•	•	•	•	•	•	•	•
Model	Ver	72	82	84	10	2	104	122	124
GLL10 (1)	FCL,V2,VL	•							
GLL10M (2)	FCL,V2,VL	•							
GLL10N (3)	FCL,V2,VL	•							
GLL10R (2)	FCL,V2,VL	•							
GLL20 (1)	FCL,V2,VL		•	•			•	•	•
GLL20N (3)	FCL,V2,VL		•	•			•	•	•
GLL20R (4)	FCL,V2,VL		•	•			•	•	•

- (1) Not compatible with the VMF system and electric heaters.
- (2) Not compatible with the VMF system, but compatible with electric heaters.
 (3) Compatibility with VMF system.
- (4) Not compatible with the VMF system.

VMF system

Model	Ver	32	34	36	38	42	44	62	64
VMF-E4DX	FCL,V2,VL	•	•	•	•	•	•	•	•
VMF-E4X	FCL,V2,VL	•	•	•	•	•	•	•	•
VMF-IO	FCL,V2,VL	•	•	•	•	•	•	•	•
VMF-IR	FCL,V2,VL	•	•		•	•	•	•	•
VMF-MOD	FCL,V2,VL	•	•	•	•	•	•	•	•
VMF-SW1	FCL,V2,VL	•	•	•	•		•	•	•
Model	Ver	72	82	84	102		104	122	124
Model VMF-E4DX	Ver FCL,V2,VL	72 •	82	84	102		104	122	124
		72 •	82 •	84 •		!	104	122	124
VMF-E4DX	FCL,V2,VL	•	•	•	•		•	•	•
VMF-E4DX VMF-E4X	FCL,V2,VL FCL,V2,VL	•	•	•	•		•	•	•
VMF-E4DX VMF-E4X VMF-IO	FCL,V2,VL FCL,V2,VL FCL,V2,VL	•	•	•	•		•		•

Control panels and dedicated accessories

Model	Ver	32	34	36	38	42	44	62	64	72	82	84	102	104	122	124
AER503IR (1)	FCL,V2,VL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SA5 (2)	FCL,V2,VL	•	•	•	•	•		•	•	•	•	•		•	•	•

Model	Ver	32	34	36	38	42	44	62	64	72	82	84	102	104	122	124
SIT3 (3)	FCL,V2,VL		•	•			•	•	•	•	•	•	•	•	•	•
SIT5 (4)	FCL,V2,VL				•		•				•				•	
SW3 (2)	FCL,V2,VL				•		•				•				•	
SW4	FCL,V2,VL	•	•	•	•	•	•	•			•	•	•	•	•	•
SW5 (2)	FCL,V2,VL		•	•	•	•	•	•			•	•		•	•	•
TX (1)	FCL,V2,VL		•	•	•	•	•	•			•	•		•	•	•
WMT10	FCL,V2,VL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

For the compatibility of VMF components and command panels with the intake and delivery grilles, refer to the information given above.

3 way valve kit

Model	Ver	32	34	36	38	42 44	62	64
VHL1 (1)	FCL,V2,VL		•		•	•		•
VHL124 (1)	FCL,V2,VL		•		•	•		•
Model	Ver	72	82	84	102	104	122	124
VHL20 (1)	FCL,V2,VL			•		•		•

(1) Obligatory accessory in 4-pipe systems.

2 way valve kit

Model	Ver	32	34	36	38	42	44 62	64
VHL2 (1)	FCL,V2,VL		•		•		•	•
VHL224 (1)	FCL,V2,VL		•					
Model	Ver	72	82	84	102	104	122	124
VHL22 (1)	FCL,V2,VL							
VIILZZ (I)								

⁽¹⁾ Compulsory accessory in 4-pipe systems with variable flow rate.

Valve Kit for 4 pipe systems

Model	Ver	32	34	36	38	42	44	62	64	72
VCFLX4 (1)	VL									

 $(1) \ \ The \ valve \ must \ be \ commanded \ via \ command \ panels \ enabled \ for \ valve \ control.$

Air filters

Model	Ver	32	34	36	38	42	44	62	64
FEL10	FCL,V2,VL		•			•	•	•	•
Model	Ver	72	82	84	10	2	104	122	124
FEL10	FCL,V2,VL								

Delivery flange

Ver	32	34	36	38	42	44	62	64
FCL,V2,VL	•	•	•	•	•	•	•	•
FCL,V2,VL	•	•	•	•	•	•	•	•
Ver	72	82	84	102		104	122	124
FCL,V2,VL	•							
FCL,V2,VL		•		•		•	•	•
FCL,V2,VL	•							
FCL,V2,VL				•		•	•	•
	FCL,V2,VL Ver FCL,V2,VL FCL,V2,VL FCL,V2,VL	FCL,V2,VL • FCL,V2,VL • Ver 72 FCL,V2,VL • FCL,V2,VL • FCL,V2,VL •	FCL,V2,VL · · · · · · · · · · · · · · · · · · ·	F(L,V2,VL · · · · · · · · · · · · · · · · · · ·	FCL,V2,VL · · · · · · · · · · · · · · · · · · ·	FCL,V2,VL · · · · · · · · · · · · · · · · · · ·	FCL,V2,VL 	FCL,V2,VL

Perimeter case

Model	Ver	32	34	36	38	42	44	62	64
FCLMC10 (1)	FCL,V2,VL	•	•	•	•	•	•	•	•
Model	Ver	72	82	84	102		104	122	124
FCLMC10 (1)	FCL,V2,VL	•							
FCLMC20 (1)	FCL,V2,VL		•	•	•		•	•	•

⁽¹⁾ Can only be combined with GLL/GLLI grilles

⁽¹⁾ Wall-mount installation.
(2) Probe for AERSO3IR-TX thermostats, if fitted.
(3) Cards for AERSO3IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
(4) Probe for AERSO3IR-TX thermostats, if fitted.

PERFORMANCE SPECIFICATIONS

2-pipe

2 pipe			FCL32			FCL36	_		FCL42			FCL62			FCL72			FCL82	_		FCL10			FCL122	
		1	2	3	1	2	3	1	2	4	1	2	4	1	2	4	1	2	4	1	2	4	1	2	4
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	H
Heating performance 70 °C / 60 °C (1)																									
Heating capacity	kW	2,22	2,95	4,00	3,42	4,50	6,27	3,32	4,47	7,34	5,19	6,37	10,49	6,14	7,57	11,32	5,88	8,12	11,88	8,30	11,71	17,73	10,53	14,73	21,75
Water flow rate system side	l/h	194	258	350	300	394	549	290	391	642	454	558	918	538	662	991	514	710	1039	726	1025	1551	921	1289	1903
Pressure drop system side	kPa	4	6	10	6	10	19	6	10	24	12	17	42	14	20	42	7	13	26	6	12	25	11	21	42
Cooling performance 7 °C / 12 °C (2)																									
Cooling capacity	kW	1,14	1,44	1,86	1,77	2,22	2,96	1,94	2,51	3,88	2,63	3,17	4,90	2,75	3,29	5,35	2,76	3,97	5,85	4,00	5,82	8,85	5,31	7,40	10,83
Sensible cooling capacity	kW	0,97	1,22	1,48	1,37	1,75	2,36	1,36	1,79	3,09	1,83	2,23	3,73	1,84	2,29	3,99	1,86	2,69	4,05	2,89	4,22	6,51	3,99	5,63	8,30
Water flow rate system side	l/h	200	253	327	308	387	516	337	437	679	458	551	856	484	571	938	482	695	1032	697	1012	1547	921	1292	1893
Pressure drop system side	kPa	4	7	10	6	9	15	7	11	25	12	16	36	13	18	43	7	14	28	7	13	28	10	19	38
Fan																									
Туре	type	Ce	entrifug	ıal	G	entrifug	jal	(entrifug	jal	Ce	entrifug	jal	Ce	entrifug	ıal	Ce	ntrifug	jal	(entrifug	jal	(entrifug	al
Fan motor	type	Asy	nchron	ous	Asy	nchron	ous	Asy	nchror	ous	Asy	nchron	ous	Asy	nchron	ous									
Number	no.		1			1			1			1			1			_1			1			1	
Air flow rate	m³/h	300	410	600	300	410	600	260	360	700	380	500	880	400	520	900	460	680	1100	560	830	1350	750	1100	1750
Sound power level	dB(A)	35,0	38,0	46,0	35,0	38,0	46,0	35,0	38,0	53,0	41,0	47,0	61,0	44,0	49,0	60,0	39,0	43,0	50,0	40,0	45,0	54,0	44,0	50,0	60,0
Input power	W	21	31	45	21	31	45	-	32	75	26	37	83	50	58	110	45	80	150	50	80	155	55	105	175
Diametre hydraulic ÿ ttings																									
Туре	type		Gas - F			Gas - F	:		Gas - F	:		Gas - F	:		Gas - F			Gas - F	:		Gas - F			Gas - F	
Main coil	Ø		3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
Water coil																									
Water content main coil	- 1		0,6			0,8			0,8			1,3			1,3			2,6			4,0			4,0	
Power supply																									
Power supply		23	0V~50	Hz	23	80V~50)Hz	23	30V~50)Hz	23	OV~50)Hz	23	0V~50	Hz	23	OV~50)Hz	23	OV~50)Hz	23	30V~50	Hz

4-pipe

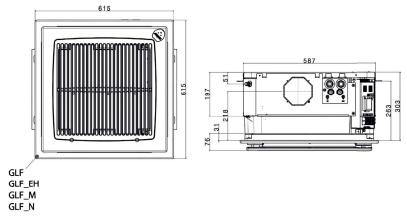
4-	nı	ne

. Prince			FCL34			FCL38			FCL44			FCL64			FCL84			FCL104			FCL124	_
		1	2	3	1	2	3	1	2	3	1	2	4	1	2	4	1	2	4	1	2	4
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	H
Heating performance 65 °C / 55 °C (1)																						
Heating capacity	kW	1,74	1,95	2,32	1,74	1,95	2,32	1,75	2,04	2,44	2,21	2,50	3,19	4,73	5,71	7,59	5,27	6,53	8,93	6,30	8,31	11,17
Water flow rate system side	I/h	152	171	203	152	171	203	153	178	240	194	219	279	414	500	664	461	571	782	551	727	977
Pressure drop system side	kPa	6	7	10	6	7	10	6	7	10	10	10	19	6	8	12	7	10	17	9	15	25
Cooling performance 7 °C / 12 °C (2)																						
Cooling capacity	kW	1,14	1,44	1,86	1,63	2,05	2,73	1,79	2,31	2,95	2,43	2,93	4,51	2,76	3,97	5,85	3,45	4,84	7,05	4,52	6,11	8,63
Sensible cooling capacity	kW	0,97	1,22	1,48	1,28	1,63	2,20	1,25	1,65	2,13	1,69	2,06	3,43	1,86	2,69	4,05	2,43	3,45	5,15	3,32	4,57	6,60
Water flow rate system side	I/h	200	253	327	284	358	476	314	396	626	424	510	793	482	695	1032	602	845	1238	786	1068	1513
Pressure drop system side	kPa	4	7	10	5	8	13	6	10	15	11	16	35	6	12	25	7	13	26	12	22	38
Fan																						
Туре	type	C	entrifug	al	(entrifug	al	C	entrifug	al	(entrifug	al	G	entrifug	al	C	entrifug	al	(entrifug	al
Fan motor	type	As	/nchron	ous	As	ynchron	ous	As	ynchron	ous	As	ynchron	ous	Asy	nchron	ous	As	ynchron	ous	As	ynchron	ous
Number	no.		1			1			1			1			1			1			1	
Air flow rate	m³/h	300	410	600	300	410	600	260	360	530	380	500	880	460	680	1100	560	830	1350	750	1100	1750
Sound power level	dB(A)	35,0	38,0	46,0	35,0	38,0	46,0	35,0	39,0	46,0	41,0	47,0	61,0	39,0	43,0	50,0	40,0	45,0	54,0	46,0	50,0	60,0
Input power	W	21	31	45	21	31	45	22	32	47	32	45	101	45	80	150	50	80	155	55	105	175
Diametre hydraulic ÿ ttings																						
Туре	type		Gas - F																			
Main coil	Ø		3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
Secondary coil	Ø		1/2"			1/2"			1/2"			1/2"			1/2"			1/2"			1/2"	
Water coil																						
Water content main coil	-		0,8			0,8			0,8			1,1			2,6			2,6			2,6	
Water content the secondary coil	-		0,2			0,2			0,2			0,2			1,4			1,4			1,4	
Power supply																						
Power supply		23	0V~50	Hz	2.	30V~50	Hz	2	30V~50	Ηz	2:	30V~50	Hz	23	80V~50	Hz	2:	30V~50	Hz	2.	30V~50	Hz

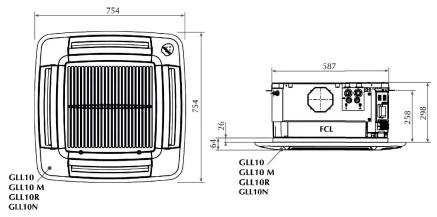
⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C (2) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT

DIMENSIONS

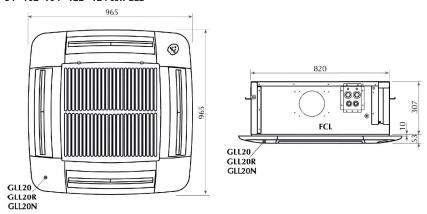
Dimensions FCL 32 - 34 - 36 - 38 - 42 - 44 - 64 - 72 con GLF



Dimensions FCL 32 - 34 - 36 - 38 - 42 - 44 - 64 - 72 con GLL



Dimensions FCL 82 - 84 - 102- 104 - 122 - 124 con GLL



Size			102	104	122	124	32	34	36	38	42	44	62	64	72	82	84
Dimensions and weights																	
	FCL	kg	36	36	36	36	20	21	20	21	21	21	22	22	22	35	36
Empty weight	V2	kg	36	36	36	36	20	21	20	21	20	21	21	22	22	35	36
	VI	ka	35	35	35	35	20	20	20	20	20	20	22	22	22	34	35

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Fan coil for cassette installation



- Electric saving equal to 50% with respect to a fan coil with 3-speed motor
- Total comfort: reduced temperature and relative humidity variations
- Standard internal three-way valve
- Version with 2-way valve for variable water flow rate systems
- Version without valves





DESCRIPTION

4-way cassettes that can be installed in any type of 2- or 4-pipe system with any heat generator, even at low temperatures. Thanks to the selection of versions and configurations, it's easy to choose the best solution for every need.

FEATURES

Intake grid and distribution of the air

The recovery and air diffusion grille has an elegant design. In plastic, RAL 9010.

The dimensions of the first 5 sizes comply with the 600x600 mm modularity of false ceilings, whereas the larger sizes measuring 840x840 mm are designed for quiet operation and optimum performance of these large models.

Load-bearing structure

Models with a 600x600 mm module have a reinforced load-bearing structure with side panels in galvanised steel sheet, thermally insulated with internal polystyrene foam elements.

The structure of models with a 840x840 mm module is made entirely of galvanised steel sheet, thermally insulated with polyethylene foam on the inside and with an anti-condensate felt coating.

Ventilation group

Formed of a particularly quiet axial-centrifugal fan, statically and dynamically balanced.

The Brushless electric motor with 0-100% continuous speed variation, which allows precise adaptation to the real demands of the internal environment without temperature fluctuations.

The air flow can be continuously changed through a 1-10 V signal, coming from adjustment and control commands Aermec or from independent adjustment systems.

This lowers noise and generates a better response to heat loads and a higher stability in the desired temperature inside the room.

The high efficiency even with low speed, makes it possible to reduce power consumption (more than 50% less than fan coils with traditional motors).

Heat exchanger coil

Heat exchanger with shaped profile to increase the exchange surface, and easily accessible drain valves.

There are models with a single coil for 2-pipe systems, with the possibility to add an electric heater too, and models with two coils for 4-pipe systems

There is the possibility to combine outside air with the inlet ambient air, and to distribute it in separate rooms.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

Condensate drip

Condensation drip tray in one piece, with V0 self-extinguishing level and overmoulding to insulation in expanded polystyrene with flame retardant additive.

Air filter

Air filter easily removed and cleaned, self-supporting structure, characterised by a high efficiency and low pressure drops, with class-V0 fire resistance (UL 94).

Versions

FCLI Standard

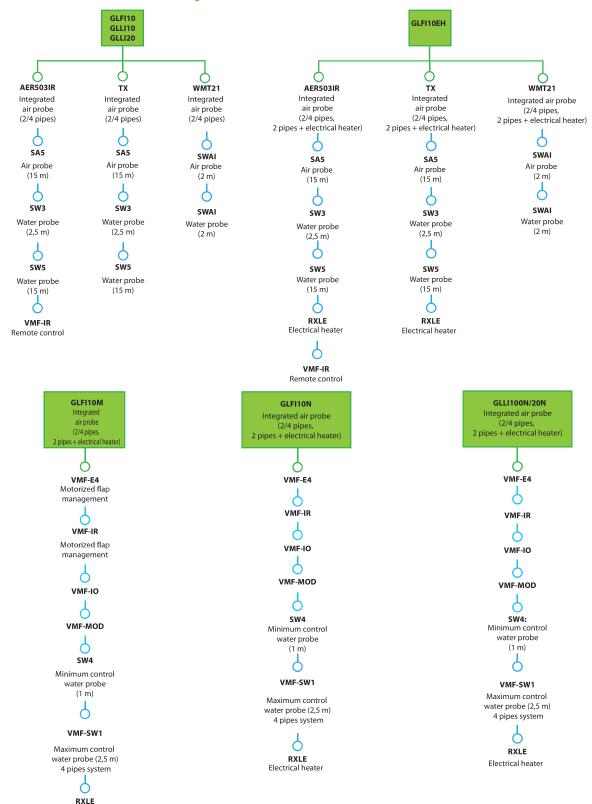
V2 With internal 2-way valve

VL Without internal valve but with microproccessor control

ACCESSORIES

Accessories that can be combined with the grilles

Electrical heater



Intake grids and distribution of the air, compulsory accessory

GLF110: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm adapts perfectly to standard false ceilings without overlapping parts. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits with manually orientated fins. Must be combined with a wall-mounted panel. (size 840x840 mm not available).

GLFI10EH: Recovery and air supply grille in plastic, RAL 9010 colour,

measuring 600x600 mm; adapts perfectly to standard false ceilings

without overlapping parts. Suitable for use with the RXLE heater. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits with manually orientated fins. Must be combined with a wall-mounted panel. (size 840x840 mm not available). **GLFI10M:** Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm adapts perfectly to standard false ceilings without overlapping parts. It is equipped with an infrared receiver with an emergency operation button, a thermostat card which also requires the installation of the VMF-E4 panel or the VMF-IR remote control. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated. (size 840x840 not available).

GLF110N: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm, adapts perfectly to standard false ceilings without overlapping parts. Fitted with a thermostat board that necessarily requires the installation of the VMF-E4 or VMF-IR panel as well. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated. (size 800x800 mm not available).

GLL1100: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm; adapts perfectly to standard false ceilings without overlapping parts. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated. Must be combined with a wall-mounted panel. GLL1100EH: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm; adapts perfectly to standard false ceilings without overlapping parts. Suitable for use with the RXLE heater. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits with manually orientated fins. Must be combined with a wall-mounted panel. (size 840x840 mm not available). GLL1100N: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 600x600 mm; adapts perfectly to standard false ceilings without overlapping parts. Fitted with a thermostat board that necessarily requires the installation of the VMF-E4X panel as well, and suitable for use with the RXLE heater. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be orientated with the remote control.

GLL120: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 840x840 mm, adapts perfectly to standard false ceilings without overlapping parts. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated. Must be combined with a wall-mounted panel.

GLLI20N: Recovery and air supply grille in plastic, RAL 9010 colour, measuring 840x840 mm, adapts perfectly to standard false ceilings without overlapping parts. Fitted with a thermostat board that necessarily requires the installation of the VMF-E4X or VMF-IR panel as well. Intake is in the central part, where the easily removable air filter is housed. Delivery is via the perimeter slits that can be manually orientated.

VMF system

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

VMF-IO: Manage the unit exclusively from a centralized VMF control panel without area control panel.

VMF-IR: User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

VMF-SW: Water temperature probe.

VMF-SW1: Extra water probe to be used for 4-pipe systems.

Control panels and their accessories

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

SW4: Water temperature probe allowing automatic season change on electronic controllers supplied with water-side change over.

SWAI: External air or water temperature probe.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet). **WMT21:** Electronic thermostat for inverter fancoils.

Electric heaters

RXLE: Electric heater for heating, can be installed on board the units. **RXLE20:** Electric heater for heating, can be installed on board the units.

Water valve kit

VCFLX4: 3-way valve kit for single-coil fan coil for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves, and the relative hydraulic couplings.

VHL1: 3-way motorised valve kit with 4 connections including the actuator. 230V~50Hz power supply.

VHL124: 3-way motorised valve kit with 4 connections including the actuator. 24V power supply.

VHL20: Motorised 3-way valve kit with 4 connections, complete with actuator and the relative hydraulic couplings. 230V~50Hz power supply.

VHL2024: Motorised 3-way valve kit with 4 connections, complete with actuator and the relative hydraulic couplings. 24V power supply.

VHL2: 2-way motorised valve kit with 2 connections including the actuator. Power supply 230V~50Hz;

VHL22: Motorised 2-way valve kit with 2 connections, complete with actuator and the relative hydraulic couplings. Power supply 230V~50Hz; **VHL2224:** Motorised 2-way valve kit with 2 connections, complete with actuator and the relative hydraulic couplings. 24V power supply.

VHL224: 2-way motorised valve kit with 2 connections including the actuator. 24V power supply.

Installation accessories

FEL10: Kit n°5 electrostatically pre-charged air filter, with fire resistance class 2 (UL 900).

KFL: Delivery flange, allowing the air to be directed to an adjacent room.

KFL20: Delivery flange, allowing the air to be directed to an adjacent room. Up to three KFL20 can be assembled on a single unit.

KFLD: Suction flange, allows to introduce external air directly into the room without mixing.

KFLD20: Suction flange, allows to introduce external air directly into the room without mixing. Up to two KFL20D can be assembled on a single unit.

FCLMC10: Perimeter housing in painted galvanised sheet metal, 600x600 mm, used when the fan coil is installed outside the false ceiling. It has an aesthetic and protective purpose only, so the technical characteristics of the fan coil remain unaltered. Can only be combined with GLL/GLLI grilles.

FCLMC20: Perimeter housing in painted sheet metal, 840x840 mm, used when the fan coil is installed outside the false ceiling. It has an aesthetic and protective purpose only, so the technical characteristics of the fan coil remain unaltered. Can only be combined with GLL/GLLI grilles.

FCLMC20IK: Installation kit for the inverter controller. Mandatory for units with FCLMC20.

ACCESSORIES COMPATIBILITY

Intake grids and distribution of the air

Model	Ver	32	34	42	44	62	64	82	122	124
GLFI10 (1)	FCLI,V2,VL	•	•	•	•	•	•			
GLFI10EH (2)	FCLI,V2,VL	•	•	•	•	•	•			
GLFI10M (3)	FCLI,V2,VL	•	•	•	•	•	•			
GLFI10N (3)	FCLI,V2,VL	•	•							

- Not compatible with the VMF system and electric heaters.
 Not compatible with the VMF system.
 Compatible with the VMF system and electric heaters.

Intake grid and distribution of the air

Model	Ver	32	34	42	44	62	64	82	122	124
GLLI100 (1)	FCLI,V2,VL	•	•	•	•	•	•			
GLLI100EH (2)	FCLI,V2,VL	•	•	•	•		•			
GLLI100N (3)	FCLI,V2,VL	•	•	•	•		•			
GLL120 (1)	FCLI,V2,VL							•	•	•
GLLI20N (3)	FCLI,V2,VL								•	•

- (1) Not compatible with the YMF system and electric heaters.
 (2) Not compatible with the YMF system, but compatible with electric heaters.
 (3) Compatibility with YMF system.

VMF system

Model	Ver	32	34	42	44	62	64	82	122	124
VMF-E4DX	FCLI,V2,VL	•	•	•	•	•	•	•	•	•
VMF-E4X	FCLI,V2,VL	•	•	•	•	•	•	•	•	•
VMF-IO	FCLI,V2,VL	•	•	•	•	•	•	•	•	•
VMF-IR	FCLI,V2,VL		•	•			•			•
VMF-SW	FCLI,V2,VL		•							•
VMF-SW1	FCLI,V2,VL	•	•	•	•	•	•	•	•	•

Control panels and dedicated accessories

Model	Ver	32	34	42	44	62	64	82	122	124
AER503IR (1)	FCLI,V2,VL	•	•	•	•	•	•	•	•	•
SW4	FCLI,V2,VL	•	•	•	•		•	•	•	
SWAI (2)	FCLI,V2,VL	•	•		•			•		
TX (1)	FCLI,V2,VL	•	•	•	•	•	•	•	•	•
WMT21	FCLI,V2,VL	•	•	•	•		•			•

- (1) Wall-mount installation. (2) Probe for thermostat WMT21.

For the compatibility of VMF components and command panels with the intake and delivery grilles, refer to the information given above.

3 way valve kit

Model	Ver	32	34	42	44	62	64	82	122	124
VHL1 (1)	VL		•		•		•			
VHL124 (1)	VL		•		•		•			
VHL20 (1)	VL									•
VHL2024 (1)	VL									•

(1) Obligatory accessory in 4-pipe systems.

2 way valve kit

Model	Ver	32	34	42	44	62	64	82	122	124
VHL2 (1)	VL		•		•		•			
VHL22 (1)	VL									•
VHL2224 (1)	VL									•
VHL224 (1)	VL		•				•			

(1) Compulsory accessory in 4-pipe systems with variable flow rate.

Valve Kit for 4 pipe systems

Model	Ver	32	34	42	44	62	64	82	122	124
VCFLX4 (1)	VI	•				•				

(1) The valve must be commanded via command panels enabled for valve control.

Air filters

Model	Ver	32	34	42	44	62	64	82	122	124
FEL10	FCLI,V2,VL					•	•	·	·	

Delivery and suction flange

Model	Ver	32	34	42	44	62	64	82	122	124
KFL	FCLI,V2,VL	•	•	•	•	•	•			
KFL20	FCLI,V2,VL							•	•	•
KFLD	FCLI,V2,VL	•	•	•	•	•	•			
KFLD20	FCLI,V2,VL							•	•	•

Perimeter case

Model	Ver	32	34	42	44	62	64	82	122	124
FCLMC10 (1)	FCLI,V2,VL	•	•	•	•	•	•			
FCLMC20 (1)	FCLI,V2,VL							•	•	•
FCLMC20IK (2)	FCLI,V2,VL									

⁽¹⁾ Can only be combined with GLL/GLLI grilles (2) Mandatory for units with FCLMC20.

PERFORMANCE SPECIFICATIONS

2-pipe

2-ріре			FCLI32			FCLI42			FCLI62			FCLI82			FCLI122	
		1	2	3	1	2	4	1	2	4	1	2	4	1	2	4
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)																
Heating capacity	kW	2,22	2,95	4,00	3,32	4,47	7,34	5,19	6,37	10,49	5,88	8,12	11,88	10,53	14,73	21,75
Water flow rate system side	l/h	194	258	350	290	391	642	454	558	918	514	710	1039	921	1289	1903
Pressure drop system side	kPa	4	6	10	6	10	24	12	17	42	7	13	26	11	21	42
Heating performance 45 °C / 40 °C (2)																
Heating capacity	kW	1,10	1,47	1,98	1,67	2,21	3,64	2,58	3,21	5,21	2,94	4,05	5,90	5,28	7,37	10,80
Water flow rate system side	l/h	192	254	345	287	386	633	448	550	905	507	701	1025	909	1271	1877
Pressure drop system side	kPa	4	6	11	5	9	21	10	17	41	7	13	23	12	21	41
Cooling performance 7 °C / 12 °C (3)																
Cooling capacity	kW	1,15	1,46	1,88	1,95	2,52	3,90	2,65	3,19	4,92	2,79	4,04	5,97	5,34	7,47	10,87
Sensible cooling capacity	kW	0,98	1,24	1,50	1,37	1,80	3,11	1,85	2,25	3,75	1,89	2,76	4,17	4,02	5,70	8,34
Water flow rate system side	l/h	200	253	327	337	437	679	458	551	856	482	695	1032	921	1292	1893
Pressure drop system side	kPa	4	4	13	7	11	25	12	16	36	7	12	28	10	19	38
Fan																
Туре	type		Centrifugal			Centrifugal			Centrifugal			Centrifugal			Centrifugal	
Fan motor	type		Inverter			Inverter			Inverter			Inverter			Inverter	
	no.		1			1			1			1			1	
Air flow rate	n³/h	300	410	600	260	360	700	380	500	880	460	680	1100	750	1100	1750
Input power	W	10	13	18	12	16	55	14	20	61	10	14	33	16	33	135
Signal 0-10V	%	42	62	90	34	46	90	40	52	90	38	54	90	38	54	90
Cassettes sound data (4)																
Sound power level	IB(A)	35,0	38,0	46,0	35,0	38,0	53,0	41,0	47,0	61,0	44,0	43,0	50,0	44,0	50,0	60,0
Sound pressure	IB(A)	26,0	29,0	37,0	26,0	30,0	44,0	32,0	38,0	52,0	30,0	34,0	41,0	35,0	41,0	51,0
Diametre hydraulic ÿ ttings																
Main coil	Ø		3/4"			3/4"			3/4"			3/4"			3/4"	
Secondary coil	Ø		-			-			-			-			-	
Power supply																
Power supply			230V~50Hz			230V~50H	Z		230V~50Hz	<u> </u>		230V~50H	Z		230V~50Hz	!

⁽¹⁾ Room air temperature 20°C d.b.; Water (in/out) 70°C/60°C
(2) Room air temperature 20°C d.b.; Water (in/out) 45°C/40°C; EUROVENT
(3) Room air temperature 27°C d.b.; Water (in/out) 45°C/40°C; EUROVENT
(4) For the cassettes, Aerme determines the value of the sound power on the basis of measurements carried out in accordance with the standard UNI EN 16583:15, in observance of the EUROVENT certification and the level of sound pressure (weighed A) measured in an environment with volume V=100m3, reverberation time t=0.5s direction factor Q=2; distance r=2.5m.

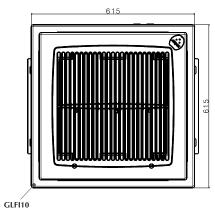
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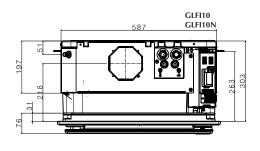
4-pipe	_												
			FCLI34			FCLI44			FCLI64			FCLI124	
		1	2	3	1	2	3	1	2	4	1	2	4
		L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 65 °C / 55 °C (1)													
Heating capacity	kW	1,70	1,97	2,32	1,70	2,02	2,74	2,05	2,76	3,14	6,46	8,30	11,10
Water flow rate system side	l/h	152	171	203	153	178	240	194	219	279	551	727	977
Pressure drop system side	kPa	5	7	9	6	7	12	9	11	19	10	15	25
Cooling performance 7 °C / 12 °C (2)													
Cooling capacity	kW	1,15	1,46	1,88	1,80	2,32	3,59	2,29	2,76	4,25	4,55	6,19	8,67
Sensible cooling capacity	kW	0,98	1,24	1,50	1,26	1,66	2,87	1,59	1,93	3,22	3,35	4,64	6,64
Water flow rate system side	l/h	200	253	327	314	396	626	424	510	793	786	1068	1513
Pressure drop system side	kPa	4	7	10	6	10	23	16	23	50	10	20	38
Fan													
Туре	type						Centr	ifugal					
Fan motor	type						Inve	erter					
Number	no.		1			1			1			1	
Air flow rate	m³/h	300	410	600	260	360	700	380	500	880	750	1100	1750
Input power	W	10	13	18	12	16	55	14	20	61	16	33	135
Signal 0-10V	%	42	62	90	34	46	90	40	52	90	38	58	90
Cassettes sound data (3)													
Sound power level	dB(A)	35,0	38,0	53,0	38,0	39,0	53,0	41,0	47,0	61,0	44,0	52,0	60,0
Sound pressure	dB(A)	26,0	29,0	44,0	29,0	30,0	44,0	32,0	38,0	52,0	35,0	41,0	51,0
Diametre hydraulic ÿ ttings													
Main coil	Ø						3/	4"					
Secondary coil	Ø						1/	2"					
Power supply													
Power supply							230V-	~50Hz					

⁽¹⁾ Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT
(2) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(3) For the cassettes, Aermec determines the value of the sound power on the basis of measurements carried out in accordance with the standard UNI EN 16583:15, in observance of the EUROVENT certification and the level of sound pressure (weighed A) measured in an environment with volume V=100m3, reverberation time t=0.5s direction factor Q=2; distance r=2.5m.

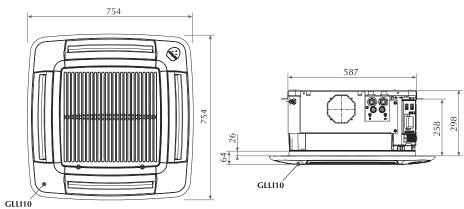
DIMENSIONS

Dimensions FCLI 32 - 34 - 42 - 44 - 62 - 64 con GLFI

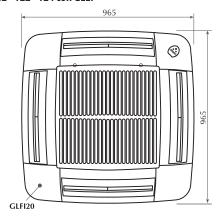


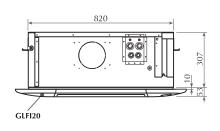


Dimensions FCLI 32 - 34 - 42 - 44 - 62 - 64 con GLLI



Dimensions FCLI 82 - 122 - 124 con GLLI





Size			122	124	32	34	42	44	62	64	82
Dimensions and weights											
	FCLI	kg	36	36	21	21	22	21	22	23	35
Empty weight	V2	kg	36	36	21	21	21	21	22	23	35
	VL	kg	35	35	20	21	20	21	22	22	34

Aermec reserves the right to make any modifications deemed necessary. All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

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Fan coils wall-mount installation



- Versions with internal 2 or 3-way valve
- Compact dimensions





DESCRIPTION

Fan coil model for wall-mount installations, whose elegance and reduced dimensions make it aesthetically pleasing; this terminal is thus suitable for applications in residential or light commercial sectors.

To respond to the various system requirements, the product is configurable and available with or without (2- or 3-way) valve, as well as with or without control board, which ensures compatibility with various system requirements.

Fan coils without control board must be necessarily combined with an external control device.

VERSIONS

2V Internal 2-way valve and microprocessor control

2VN Internal 2-way valve without microprocessor control

3V Internal 3-way valve and microprocessor control

3VN Internal 3-way valve without microprocessor control

VL Without internal valve but with microproccessor control

VLN Without internal valve and microprocessor control

FEATURES

Case

Aesthetically styled with flat panel:

Microprocessor control

- Air flow louvered fins with horizontal adjustment facility
- Colors pure white pantone GRIS 1C RAL 9010.

Ventilation group

Consisting of a tangential fan, especially quiet and directly coupled to the motor shaft.

Three-speed cross flow fan.

Heat exchanger coil

With copper pipes and aluminium louvers, the main coil has female gas hydraulic connections and is fitted with air vents.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

Air filter

Fan coils are fitted with air filters easy to remove and clean.

Control

The versions with microprocessor control have:

- Timer for programming switch-off or switch-on (TLW2 and PFW2)
- Program for operation in automatic, cooling, heating, ventilation and air ionising mode (TLW2 and PFW2)
- Night time Well-being Program (TLW2)
- Automatic season change (TLW2 and PFW2)
- Automatic re-start after power cut.

ACCESSORIES

For models with control board installed

FCW_2V, 3V, VL it is mandatory to select among the user interfaces designed for the FCW series (TLW2 or PFW2)

PFW2: Wired panel to control all the functions of the unit. It is supplied separately and can control only one unit. The panel must be installed on the wall and connected to the fan coil with the supplied cable, 7.5 meters long.

TLW2: Infrared remote control with liquid crystal display for controlling all unit functions. The remote control is delivered separately from the fan coil; with a single remote control it is possible to control more than one fan coil. The remote control is equipped with a support that allows you to hang it on the wall, from which it can be operated without having to be removed.

TLW2







For models without control board installed FCW 2VN, 3VN, VLN a user interface n

FCW_2VN, 3VN, VLN a user interface must be mounted outside the fan coil, using either a visible or a recessed wall-mount installation.

To make the selection please refer to the "control panels" or "VMF system shett" where you will find comprehensive information on this topic.

VMF-EOX: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E19: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

ACCESSORIES COMPATIBILITY

VMF system

Control panels and dedicated accessories

Model	Ver	22	32	42	52
PFW2	2V,3V,VL	•	•	•	•
TLW2 (1)	2V,3V,VL	•	•	•	•

⁽¹⁾ Accessory is required for operating the fan coil as an alternative to the wired remote control panel PFW2. mandatory accessory for versions with controller FCW_2V, FCW_3V, FCW_VL.

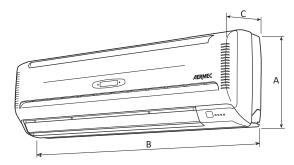
PERFORMANCE SPECIFICATIONS

-	 ٠	

2-pipe		F	CW22VI		F	CW32VL			FCW42VI			CW52VL			CW222\		I	FCW223\	V
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)																			
Heating capacity	kW	2,85	3,66	4,29	3,73	4,51	5,24	6,44	7,84	8,56	8,20	13,06	15,28	2,35	3,02	4,03	2,35	3,02	4,03
Water flow rate system side	l/h	250	321	377	328	396	460	565	688	751	718	1145	1339	206	265	354	206	265	354
Pressure drop system side	kPa	4	6	9	9	12	16	16	22	26	10	23	30	9	14	24	9	14	24
Heating performance 45 °C / 40 °C (2)																			
Heating capacity	kW	1,42	1,82	2,14	1,85	2,24	2,61	3,21	3,90	4,26	4,10	6,50	7,60	1,17	1,50	2,00	1,17	1,50	2,00
Water flow rate system side	l/h	246	316	371	322	390	453	556	677	739	712	1129	1320	203	261	348	203	261	348
Pressure drop system side	kPa	4	6	8	9	12	16	15	22	25	10	22	29	9	14	24	9	14	24
Cooling performance 7 °C / 12 °C (3)																			
Cooling capacity	kW	1,37	1,74	2,05	1,78	2,15	2,50	3,07	3,74	4,08	4,40	6,50	7,45	1,10	1,45	1,90	1,10	1,45	1,90
Sensible cooling capacity	kW	1,16	1,47	1,73	1,51	1,82	2,04	2,59	3,10	3,47	3,30	5,05	5,80	0,92	1,20	1,55	0,92	1,20	1,55
Water flow rate system side	l/h	236	299	353	306	370	430	528	643	702	755	1115	1278	189	249	327	189	249	327
Pressure drop system side	kPa	5	7	9	8	11	15	15	21	26	12	24	30	9	14	23	9	14	23
Fan																			
Туре	type	Ta	angentia		1	angentia			Tangentia			Tangentia			Tangentia			Tangentia	al
Fan motor	type	Asy	nchrono	us	As	ynchrono	us	As	ynchrono	us	As	ynchrono	JS	As	ynchrono	us	As	synchrono	ous
Number	no.		1			1			1			1			1			1	
Air flow rate	m³/h	280	340	389	330	400	446	476	602	684	592	945	1179	270	330	380	270	330	380
Input power	W	23	24	27	22	23	27	31	41	48	38	55	75	23	24	27	23	24	27
Fan coil sound data (4)																			
Sound power level	dB(A)	42,0	48,0	53,0	42,0	48,0	53,0	44,0	49,0	54,0	44,0	54,0	60,0	42,0	48,0	53,0	42,0	48,0	53,0
Sound pressure	dB(A)	34,0	39,5	44,5	34,0	39,5	44,5	35,5	40,5	45,5	35,5	45,5	51,5	34,0	39,5	44,5	34,0	39,5	44,5
Diametre hydraulic ÿttings																			
Main coil	Ø		1/2"			1/2"			1/2"			1/2"			1/2"			1/2"	
Power supply																			
Power supply		23	0V~50H	łz	2	30V~50H	łz	2	30V~50H	łz	2	30V~50H	Z	2	30V~50H	lz	2	230V~50H	Hz
		F	CW322V	1	F	CW323\	,		CW422\			CW423V			CW522\	$\overline{}$		FCW523\	V
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	M	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)																			
Heating capacity	kW	3,25	4,36	5,03	3,25	4,36	5,03	6,29	7,23	7,97	6,29	7,23	7,97	8,04	11,80	14,00	8,04	11,80	14,00
Water flow rate system side	I/h	286	383	442	286	383	442	552	635	699	552	635	699	704	1034	1227	704	1034	1227
Pressure drop system side	kPa	13	22	29	13	22	29	21	27	32	21	27	32	10	21	28	10	21	28
Heating performance 45 °C / 40 °C (2)																			
Heating capacity	kW	1,62	2,17	2,50	1 (2	2 17	2.50												
				2,30	1,62	2,17	2,50	3,13	3,60	3,96	3,13	3,60	3,96	4,00	5,90	7,00	4,00	5,90	7,00
Water flow rate system side	I/h	281	377	434	281	377	434	3,13 543	3,60 624	3,96 688	3,13 543	3,60 624	3,96 688	4,00 695	5,90 1025	7,00 1216	4,00 695	5,90 1025	
								_			_						_		1216
Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C (3)	l/h	281	377	434	281	377	434	543	624	688	543	624	688	695	1025	1216	695	1025	7,00 1216 30
	l/h	281	377	434	281	377	434	543	624	688	543	624	688	695	1025	1216	695	1025	1216 30
Pressure drop system side Cooling performance 7 °C / 12 °C (3)	I/h kPa	281	377	434 29 2,40	281	377	434	543	624 26	688	543	624	688	695	1025	1216 30	695	1025	1216 30 7,00
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity	I/h kPa kW	281 13 1,55	377 22 2,08	434	281 13 1,55	377 22 2,08	434 29 2,40	543 20 3,00	624 26 3,45	688 31 3,80	543 20 3,00	624 26 3,45	688 31 3,80	695 11 4,00	1025 22 6,00	1216 30 7,00	695 11 4,00	1025 22 6,00	7,00 5,30
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity	l/h kPa kW kW	281 13 1,55 1,28	377 22 2,08 1,68	29 2,40 1,97	281 13 1,55 1,28	377 22 2,08 1,68	29 2,40 1,97	543 20 3,00 2,01	624 26 3,45 2,50	688 31 3,80 2,85	543 20 3,00 2,01	624 26 3,45 2,50	3,80 2,85	695 11 4,00 2,85	1025 22 6,00 4,50	7,00 5,30	695 11 4,00 2,85	1025 22 6,00 4,50	7,00 5,30
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side	kW kW l/h	281 13 1,55 1,28 267	377 22 2,08 1,68 358	29 2,40 1,97 413	281 13 1,55 1,28 267	377 22 2,08 1,68 358	29 2,40 1,97 413	543 20 3,00 2,01 516	624 26 3,45 2,50 593	3,80 2,85 654	543 20 3,00 2,01 516	624 26 3,45 2,50 593	3,80 2,85 654	695 11 4,00 2,85 686	1025 22 6,00 4,50 1030	7,00 5,30 1201	695 11 4,00 2,85 686	1025 22 6,00 4,50 1030	1216
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side	kW kW l/h	281 13 1,55 1,28 267 13	377 22 2,08 1,68 358	2,40 1,97 413 29	281 13 1,55 1,28 267 13	377 22 2,08 1,68 358	2,40 1,97 413 29	543 20 3,00 2,01 516 21	624 26 3,45 2,50 593	3,80 2,85 654 32	543 20 3,00 2,01 516 21	624 26 3,45 2,50 593	3,80 2,85 654	695 11 4,00 2,85 686 11	1025 22 6,00 4,50 1030	7,00 5,30 1201 30	695 11 4,00 2,85 686 11	1025 22 6,00 4,50 1030	7,00 5,30 1201 30
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type	kW kW I/h kPa	281 13 1,55 1,28 267 13	377 22 2,08 1,68 358 22	2,40 1,97 413 29	281 13 1,55 1,28 267 13	377 22 2,08 1,68 358 22	2,40 1,97 413 29	543 20 3,00 2,01 516 21	624 26 3,45 2,50 593 27	688 31 3,80 2,85 654 32	543 20 3,00 2,01 516 21	624 26 3,45 2,50 593 27	3,80 2,85 654 32	695 11 4,00 2,85 686 11	1025 22 6,00 4,50 1030 23	7,00 5,30 1201 30	695 11 4,00 2,85 686 11	1025 22 6,00 4,50 1030 23	7,00 5,30 1201 30
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor	kW kW l/h kPa	281 13 1,55 1,28 267 13	2,08 1,68 358 22	2,40 1,97 413 29	281 13 1,55 1,28 267 13	2,08 1,68 358 22	2,40 1,97 413 29	543 20 3,00 2,01 516 21	624 26 3,45 2,50 593 27	688 31 3,80 2,85 654 32	543 20 3,00 2,01 516 21	624 26 3,45 2,50 593 27	3,80 2,85 654 32	695 11 4,00 2,85 686 11	1025 22 6,00 4,50 1030 23	7,00 5,30 1201 30	695 11 4,00 2,85 686 11	1025 22 6,00 4,50 1030 23	7,00 5,30 1201 30
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number	kW kW l/h kPa	281 13 1,55 1,28 267 13	377 22 2,08 1,68 358 22 angentia	2,40 1,97 413 29	281 13 1,55 1,28 267 13	2,08 1,68 358 22 angentia	2,40 1,97 413 29	543 20 3,00 2,01 516 21	624 26 3,45 2,50 593 27	688 31 3,80 2,85 654 32	543 20 3,00 2,01 516 21	624 26 3,45 2,50 593 27	3,80 2,85 654 32	695 11 4,00 2,85 686 11	1025 22 6,00 4,50 1030 23 Tangentia	7,00 5,30 1201 30	695 11 4,00 2,85 686 11	1025 22 6,00 4,50 1030 23 Tangentia	7,00 5,30 1201 30 al
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate	kW kW l/h kPa type type no.	281 13 1,55 1,28 267 13	377 22 2,08 1,68 358 22 angentia	2,40 1,97 413 29	281 13 1,55 1,28 267 13	2,08 1,68 358 22 angentia ynchrono	2,40 1,97 413 29	543 20 3,00 2,01 516 21	624 26 3,45 2,50 593 27 Tangentia	688 31 3,80 2,85 654 32	543 20 3,00 2,01 516 21	624 26 3,45 2,50 593 27 Tangentia ynchrono	3,80 2,85 654 32	695 11 4,00 2,85 686 11	1025 22 6,00 4,50 1030 23 Tangentia 1	7,00 5,30 1201 30	695 11 4,00 2,85 686 11	1025 22 6,00 4,50 1030 23 Tangentia	7,000 5,30 120° 30 al ous
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power	kW kW l/h kPa type type no. m³/h	281 13 1,55 1,28 267 13 Ti Asy	2,08 1,68 358 22 angentia rnchrono	2,40 1,97 413 29	281 13 1,55 1,28 267 13	2,08 1,68 358 22 angentia ynchrono 1 390	2,40 1,97 413 29	543 20 3,00 2,01 516 21	624 26 3,45 2,50 593 27 Fangentia synchrono	3,80 2,85 654 32	3,00 2,01 516 21 As	624 26 3,45 2,50 593 27 Tangentia yynchrono 1 470	3,80 2,85 654 32	695 11 4,00 2,85 686 11	1025 22 6,00 4,50 1030 23 Tangentia synchrono 1 859	7,00 5,30 1201 30	695 11 4,00 2,85 686 11 As	1025 22 6,00 4,50 1030 23 Tangentia synchrono	7,000 5,30 120° 30 al ous
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Fan coil sound data (4)	l/h kPa kW kW l/h kPa type type no. m³/h W	281 13 1,55 1,28 267 13 Ti Asy 320 22	2,08 1,68 358 22 angentia nchrono 1 390 23	2,40 1,97 413 29 I uus 440 27	281 13 1,55 1,28 267 13 As 320 22	2,08 1,68 358 22 2 angentia ynchrono 1 390 23	2,40 1,97 413 29 I us 440 27	3,00 2,01 516 21 As 370 31	624 26 3,45 2,50 593 27 Fangentia synchrono 1 470 41	3,80 2,85 654 32	3,00 2,01 516 21 As 370 31	624 26 3,45 2,50 593 27 Fangentia ynchrono 1 470 41	3,80 2,85 654 32 380 2,85 654 32	695 11 4,00 2,85 686 11 As 535 38	1025 22 6,00 4,50 1030 23 Fangentia synchrono 1 859 55	7,00 5,30 1201 30	695 11 4,00 2,85 686 11 As 535 38	1025 22 6,00 4,50 1030 23 Tangentia synchrono 1 859 55	7,00 5,30 120° 30 30 120° 30 1083 75
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Fan coil sound data (4) Sound power level	kW kW l/h kPa type type no. m³/h W	281 13 1,55 1,28 267 13 Ti Asy 320 22	2,08 1,68 358 22 angentia ynchrono 1 390 23	2,40 1,97 413 29 I uus 440 27	281 13 1,55 1,28 267 13 1 As 320 22	2,08 1,68 358 22 2,08 1,68 358 22 3,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00	2,40 1,97 413 29 I uus 440 27	3,00 2,01 516 21 As 370 31	624 26 3,45 2,50 593 27 Tangentia 470 41	3,80 2,85 654 32 Il pus 540 48	3,00 2,01 516 21 As 370 31	624 26 3,45 2,50 593 27 Fangentia ynchrono 1 470 41	3,80 2,85 654 32 38 540 48	695 11 4,00 2,85 686 11 As 535 38	1025 22 6,00 4,50 1030 23 Tangentia synchrono 1 859 55	7,00 5,30 1201 30 1 1082 75	695 11 4,00 2,85 686 11 As 535 38	1025 22 6,00 4,50 1030 23 Tangentia synchrono 1 859 55	1216 30 7,000 5,30 120' 30 108' 75 60,0
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Fan coil sound data (4) Sound power level Sound pressure	l/h kPa kW kW l/h kPa type type no. m³/h W	281 13 1,55 1,28 267 13 Ti Asy 320 22	2,08 1,68 358 22 angentia nchrono 1 390 23	2,40 1,97 413 29 I uus 440 27	281 13 1,55 1,28 267 13 As 320 22	2,08 1,68 358 22 2 angentia ynchrono 1 390 23	2,40 1,97 413 29 I us 440 27	3,00 2,01 516 21 As 370 31	624 26 3,45 2,50 593 27 Fangentia synchrono 1 470 41	3,80 2,85 654 32	3,00 2,01 516 21 As 370 31	624 26 3,45 2,50 593 27 Fangentia ynchrono 1 470 41	3,80 2,85 654 32 380 2,85 654 32	695 11 4,00 2,85 686 11 As 535 38	1025 22 6,00 4,50 1030 23 Fangentia synchrono 1 859 55	7,00 5,30 1201 30	695 11 4,00 2,85 686 11 As 535 38	1025 22 6,00 4,50 1030 23 Tangentia synchrono 1 859 55	121(c) 30 7,000 5,30 120 30 30 30 30 108: 75 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,00 60,
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Fan coil sound data (4) Sound power level Sound pressure Diametre hydraulic ÿ ttings	kW kW l/h kPa type type no. m³/h W	281 13 1,55 1,28 267 13 Ti Asy 320 22	2,08 1,68 358 22 angentia mchrono 1 390 23 48,0 39,5	2,40 1,97 413 29 I uus 440 27	281 13 1,55 1,28 267 13 1 As 320 22	2,08 1,68 358 22 2,08 1,68 358 22 3,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00	2,40 1,97 413 29 I uus 440 27	3,00 2,01 516 21 As 370 31	624 26 3,45 2,50 593 27 Tangentia 470 41	3,80 2,85 654 32 Il pus 540 48	3,00 2,01 516 21 As 370 31	624 26 3,45 2,50 593 27 Fangentia ynchrono 1 470 41 49,0 40,5	3,80 2,85 654 32 38 540 48	695 11 4,00 2,85 686 11 As 535 38	1025 22 6,00 4,50 1030 23 Tangentia synchrono 1 859 55	7,00 5,30 1201 30 1 1082 75	695 11 4,00 2,85 686 11 As 535 38	1025 22 6,00 4,50 1030 23 Tangentia synchrono 1 859 55	1216 30 7,000 5,30 120' 30 108' 75 60,0
Pressure drop system side Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan	kW kW l/h kPa type type no. m³7h W dB(A) dB(A)	281 13 1,55 1,28 267 13 Ti Asy 320 22	2,08 1,68 358 22 angentia ynchrono 1 390 23	2,40 1,97 413 29 I uus 440 27	281 13 1,55 1,28 267 13 1 As 320 22	2,08 1,68 358 22 23 390 23 48,0 39,5	2,40 1,97 413 29 I uus 440 27	3,00 2,01 516 21 As 370 31	3,45 2,50 593 27 Tangentia synchronous 1 470 41 49,0 40,5	3,80 2,85 654 32 Il pus 540 48	3,00 2,01 516 21 As 370 31	624 26 3,45 2,50 593 27 Fangentia ynchrono 1 470 41	3,80 2,85 654 32 38 540 48	695 11 4,00 2,85 686 11 As 535 38	1025 22 6,00 4,50 1030 23 Tangentia synchrono 1 859 55 54,0 45,5	7,00 5,30 1201 30 1 1082 75	695 11 4,00 2,85 686 11 As 535 38	1025 22 6,00 4,50 1030 23 Tangentia synchrono 1 859 55 54,0 45,5	7,00 5,30 1201 30

⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

DIMENSIONS



		FCW22VL	FCW32VL	FCW42VL	FCW52VL	FCW222V	FCW223V
Dimensions and weights							
A	mm	298	305	360	365	298	298
В	mm	880	990	1170	1450	880	880
C	mm	205	210	220	230	205	205
Empty weight	kg	9	10	19	28	9	9
		FCW322V	FCW323V	FCW422V	FCW423V	FCW522V	FCW523V
Dimensions and weights							
A	mm	305	305	360	360	365	365
В	mm	990	990	1170	1170	1450	1450
[mm	210	210	220	220	230	230

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Fan coils wall-mount installation



- Versions with internal 2 or 3-way valve
- Electric saving equal to 50% with respect to a fan coil with 3-speed motor
- Total comfort: reduced temperature and humidity oscillations
- Fully silent operation





DESCRIPTION

Fan coil model for wall-mount installations, whose elegance and reduced dimensions make it aesthetically pleasing; this terminal is thus suitable for applications in residential or light commercial sectors.

The product is configurable and available with or without (2- or 3-way) valve which ensures compatibility with various system requirements.

VERSIONS

2V Internal 2-way valve and microprocessor control

3V Internal 3-way valve and microprocessor control

VL Without internal valve but with microproccessor control

FEATURES

Case

Aesthetically styled with flat panel:

- Air flow louvered fins with horizontal adjustment facility
- Motorised deflector louvers that can be activated by remote control TLW3 for vertical orientation of the outlet air with steps fixed positions and continuous oscillation
- Colors pure white pantone GRIS 1C RAL 9010.

Ventilation group

Consisting of a tangential fan, especially quiet and directly coupled to the motor shaft.

Brushless motor with continuous speed variation 0-100%.

Inverter motor allows precise adaptation to the real indoor environment requirements without temperature oscillations.

This lowers noise and generates a better response to heat loads and a higher stability in the desired temperature inside the room.

The high efficiency even with low speed, makes it possible to reduce power consumption (more than 50% less than fan coils with traditional motors).

Heat exchanger coil

With copper pipes and aluminium louvers, the main coil has female gas hydraulic connections and is fitted with air vents.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

Air filter

Fan coils are fitted with air filters easy to remove and clean.

Control

The versions with microprocessor control have:

- Timer for programming switch-off or switch-on (TLW3/ PFW3)
- Program for operation in automatic, cooling, heating, ventilation and air ionising mode (TLW3/ PFW3)
- Night time Well-being Program (TLW3/ PFW3)
- Automatic season change (TLW3/ PFW3)
- Automatic re-start after power cut.
- Option of contact on the terminal board which enables to obtain a signal (230V, max 1A) with which to control the system pump.

ACCESSORIES

For models with control board installed

$FCWI_2V, 3V, VL\ it\ is\ mandatory\ to\ select\ among\ the\ user\ interfaces\ designed\ for\ the\ FCWI\ series\ (TLW3\ o\ PFW3)$

PFW3: This accessory is essential for fan coil operation (as an alternative to TLW3). The PFW3 wired panel is supplied separately from the fan coil. It is used to set the main device operating parameters, and is essential for setting the Modbus address of the unit (handy only if you want to command the unit via the RS-485 port).

TLW3: Mandatory accessory. Infrared remote control with liquid crystal display for controlling all unit functions. The remote control is delivered separately from the fan coil; with a single remote control it is possible to control more than one fan coil. The remote control is equipped with

a support that allows you to hang it on the wall, from which it can be operated without having to be removed.

VMF-485LINK: Expansion to interface the unit with the VMF communication protocol, making it possible to manage it from the VMF-E5 or VMF-E6 supervisors.

TLW3



PFW3



ACCESSORIES COMPATIBILITY

Control panels and dedicated accessories

Model	Ver	22	32	42	52
PFW3 (1)	2V,3V,VL	•	•	•	•
TLW3 (1)	2V,3V,VL	•	•	•	•
(1) Mandatory accessory.					
Model	Ver	22	32	42	52
VMF-485LINK	2V,3V,VL	•	•	•	•

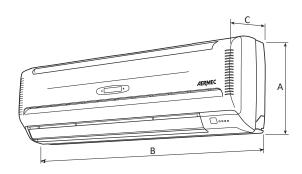
PERFORMANCE SPECIFICATIONS

2-pip

		F	CW[22V	L	F	CWI32V		F	CWI42V		F	CWI52V	L	F	CW 222\	ı	F	CWI223\	$\overline{}$
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	M	Н	L	M	Н	L	М	Н	L	M	<u>H</u>
Heating performance 70 °C / 60 °C (1)																			
Heating capacity	kW	2,85	3,66	4,29	3,73	4,51	5,24	6,44	7,84	8,56	8,20	13,06	15,28	2,35	3,02	4,03	2,35	3,02	4,03
Water flow rate system side	l/h	250	321	377	328	396	460	565	688	751	718	1145	1339	206	265	354	206	265	354
Pressure drop system side	kPa	4	6	9	9	12	16	16	22	26	10	23	30	9	14	24	9	14	24
Heating performance 45 °C / 40 °C (2)																			
Heating capacity	kW	1,42	1,82	2,14	1,85	2,24	2,61	3,21	3,90	4,26	4,10	6,50	7,60	1,17	1,50	2,00	1,17	1,50	2,00
Water flow rate system side	I/h	246	316	371	322	390	453	556	677	739	712	1129	1320	203	261	348	203	261	348
Pressure drop system side	kPa	4	6	8	9	12	16	15	22	25	10	22	29	9	14	24	9	14	24
Cooling performance 7 °C / 12 °C (3)																			
Cooling capacity	kW	1,37	1,74	2,05	1,78	2,15	2,50	3,07	3,74	4,08	4,40	6,50	7,45	1,10	1,45	1,90	1,10	1,45	1,90
Sensible cooling capacity	kW	1,16	1,47	1,73	1,51	1,82	2,04	2,59	3,10	3,47	3,30	5,05	5,80	0,92	1,20	1,55	0,92	1,20	1,55
Water flow rate system side	l/h	236	299	353	306	370	430	528	643	702	755	1115	1278	189	249	327	189	249	327
Pressure drop system side	kPa	5	7	9	8	11	15	15	21	26	12	24	30	9	14	23	9	14	23
Fan																			
Туре	type									Tang	ential								
Fan motor	type									Inve	erter								
Number	no.		1			1			1			1			1			1	
Air flow rate	m³/h	280	340	389	330	400	446	476	602	684	592	945	1179	270	330	380	270	330	380
Input power	W	23	24	27	22	23	27	31	41	48	38	55	75	13	17	22	23	24	27
Fan coil sound data (4)																			
Sound power level	dB(A)	42,0	48,0	53,0	42,0	48,0	53,0	44,0	49,0	54,0	44,0	54,0	60,0	42,0	48,0	53,0	42,0	48,0	53,0
Sound pressure	dB(A)	34,0	39,5	44,5	34,0	39,5	44,5	35,5	40,5	45,5	35,5	45,5	51,5	34,0	39,5	44,5	34,0	39,5	44,5
Diametre hydraulic ÿ ttings																			
Main coil	Ø									1,	/2"								
Power supply																			
Power supply										230V	~50Hz								

		FCWI322	٧	F	CWI323	V	F	CWI422	V	F	CWI423	V	ı	CWI522\	I	F	CWI523	ī
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	H
Heating performance 70 °C / 60 °C (1)																		
Heating capacity k	V 3,25	4,36	5,03	3,25	4,36	5,03	6,29	7,23	7,97	6,29	7,23	7,97	8,04	11,80	14,00	8,04	11,80	14,00
Water flow rate system side 1/	1 286	383	442	286	383	442	552	635	699	552	635	699	704	1034	1227	704	1034	1227
Pressure drop system side kl	a 13	22	29	13	22	29	21	27	32	21	27	32	10	21	28	10	21	28
Heating performance 45 °C / 40 °C (2)																		
Heating capacity k	V 1,62	2,17	2,50	1,62	2,17	2,50	3,13	3,60	3,96	3,13	3,60	3,96	4,00	5,90	7,00	4,00	5,90	7,00
Water flow rate system side 1/	1 281	377	434	281	377	434	543	624	688	543	624	688	695	1025	1216	695	1025	1216
Pressure drop system side k	a 13	22	29	13	22	29	20	26	31	20	26	31	11	22	30	11	22	30
Cooling performance 7 °C / 12 °C (3)																		
Cooling capacity k	V 1,55	2,08	2,40	1,55	2,08	2,40	3,00	3,45	3,80	3,00	3,45	3,80	4,00	6,00	7,00	4,00	6,00	7,00
Sensible cooling capacity k	V 1,28	1,68	1,97	1,28	1,68	1,97	2,01	2,50	2,85	2,01	2,50	2,85	2,85	4,50	5,30	2,85	4,50	5,30
Water flow rate system side	h 267	358	413	267	358	413	516	593	654	516	593	654	686	1030	1201	686	1030	1201
Pressure drop system side k	a 13	22	29	13	22	29	21	27	32	21	27	32	11	23	30	11	23	30
Fan																		
Type ty	e e								Tang	jential								
Fan motor ty	е								Inv	erter								
Number n		1			1			1			1			1			1	
Air flow rate m	/h 320	390	440	320	390	440	370	470	540	370	470	540	535	859	1082	535	859	1082
Input power \	1 22	23	27	22	23	27	31	41	48	31	41	48	38	55	75	38	55	75
Fan coil sound data (4)																		
Sound power level dB	A) 42,0	48,0	53,0	42,0	48,0	53,0	44,0	49,0	54,0	44,0	49,0	54,0	44,0	54,0	60,0	44,0	54,0	60,0
Sound pressure dB	(A) 34,0	39,5	44,5	34,0	39,5	44,5	35,5	40,5	45,5	35,5	40,5	45,5	35,5	45,5	51,5	35,5	45,5	51,5
Diametre hydraulic ÿ ttings																		
Main coil									1	/2"								
Power supply																		
Power supply									230V	~50Hz								

DIMENSIONS



		FCWI22VL	FCWI32VL	FCWI42VL	FCWI52VL	FCWI222V	FCWI223V
Dimensions and weights							
A	mm	298	305	360	365	298	298
В	mm	880	990	1170	1450	880	880
C	mm	205	210	220	230	205	205
Empty weight	kg	9	10	19	28	9	9
		FCWI322V	FCWI323V	FCWI422V	FCWI423V	FCWI522V	FCWI523V
Dimensions and weights							
A	mm	305	305	360	360	365	365
В	mm	990	990	1170	1170	1450	1450
C	mm	210	210	220	220	230	230

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⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20°C d.b.; Water (in/out) 45°C/40°C; EUROVENT
(3) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.