



















## **FCZI**

# Fan coils with Inverter Brushless motor (EC) Universal and floor installation





Drawing from its wide experience in the field of fan coils, Aermec presents the new FCZI series: the elegant design goes hand in hand with low noise and important energy savings.

Inverter motor allows precise adaptation to the real indoor environment requirements without temperature oscillations.

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). In term of noise, in any operating condition exceptional values have been observed.

FCZI 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.

#### Versions without installed controller

Vertical or horizontal installation: FCZI\_U

FCZ UF

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Vertical installation:

FCZI\_AS FCZ\_AF

## With installed controller

Vertical installation: FCZI\_DT FCZI\_D

FCZI\_ACT

— Housing RAL9003, grille/feet RAL 7047

- Brushless motor with 0-100% speed continuous variation to guarantee best performance at very low sound level
- Centrifugal fan designed to guarantee continuous modulation of the air flow rate and to increase comfort and electric saving.
- Metallic protective cabinet with rustproofing polyester paint
- Adjustable air distribution grille (U version)
- Automatic power-off function with closure of the air delivery grille, (U version)
- Low loss of charge in the heat exchanger
- Easy installation and maintenance
- **G2** air filter for all versions.
- Extractable shrouds for easy, effective cleaning
- The hydraulic connections can be inverted during installation (only valid for units with a single coil, those with a supplementary coil cannot be inverted)

The ThermApp application (applicable with T-TOUCH controller) operates by simply placing a smart device on the fan coil. The App allows working mode and time schedule programming, sleep mode activation, alarm listing, etc. ThermApp is available for Android Operating Systems.



#### **CONFIGURATIONS AVAILABLE**

## With fixed grille (vertical free-standing) - A





- Without installed controllerCompatible with VMF system

#### FCZI ACT

FCZI AS

— With electronic controller (for 2 pipe systems)

## **Vertical installation only**

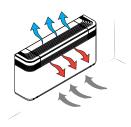
— For 2/4 pipe systems

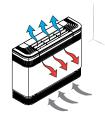


### FCZI\_AF

- Without installed controller
- Compatible with VMF system
- Front intake louver

## With double flow (Dualjet) - D





Dualjet, unique to Aermec, offers notably improved seasonal comfort by directing the air flow according to the season. In winter warm air is directed towards the floor; in summer cool air is directed towards the ceiling.

FCZI D With installed controller

FCZI\_DT With installed controller T-Touch

FCZ\_D units are compatible with the the VMF system, in this case you will need to contact the headquarter

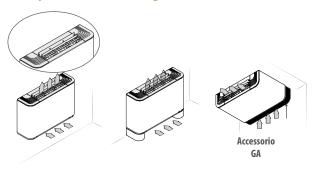
— You can change the air supply orientation, frontal or from above, by acting directly on the adjustable grid.

## Only vertical installation

For 2 pipe system (4 pipe system with VCF\_X4, VMF system or FCZI\_DT)

## With adjustable/fixed grille (Universal) - U

## With adjustable air distribution grille - U



## FCZI\_U

- Without installed controller
- Compatible with VMF system
- Adjustable air distribution grille

Single for size 2-3

Three independent for sizes 4-5-7-9

## With the flap completely closed the unit is off

### Vertical or horizontal installation

— For 2/4 pipe systems



## FCZI\_UF

- Without installed controller
- Compatible with VMF system
- Adjustable grille front intake louver

#### CONFIGURATOR

Fiel	d	Description
1,2,	,3,4	FCZI
5		Size
		2-3-4-5-7-9
6		Main coil
	0	Standard
	5	Oversized (1)
7		Supplementary coil
	0	Without coil
	1	Standard
	2	Oversized

Field	Description
8,9	Versions
D	Dualjet with installed controller
DT	With installed controller T-Touch
AS	Free standing without installed switch
AF	Free standing without switch Front intake louver
ACT	Free standing with electronic controller
U	Universal with adjustable grille, without installed controller
UF	Universal with adjustable grille, without installed controller front intake louver

#### SIZE AVAILABLE FOR VERSION

Versions	Size available main coil only (2 pipes)														
FCZI	200	250	300	350	400	450	500	550	700	750	900	950			
AS	•	•	•	•	•	•	•	•	•	•	•	•			
AF	•	•	•	•	•	•	•	•	/	/	•	•			
ACT	•	•	•	•	•	•	•	•	•	•	•	•			
U	•	•	•	•	•	•	•	•	•	•	•	•			
UF	•	•	•	•	•	•	•	•	/	/	•	•			
)	•	1	•	1	•	1	•	1	1	1	1	/			
DT	•	/	•	/		/		/	/	/	/	/			

Versions				S	ize available ma	in and suppleme	ntary coil (4 pip	es)			
FCZI	201	202	301	302	401	402	501	502	701	702	901
AS	•	•	•	•	•	•	•	•	•	•	•
ACT	•	•	•	•	•	•	•	•	•	•	•
U	•	•	•	•	•	•	•	•	•	•	•
D	/	/	1	/	/	1	/	1	1	1	1
DT	/	/	/	/	/	/	/	/	1	/	1

#### **ACCESSORIES**

## **Control panel**

**T-TOUCH-I:** Touch controller mounted on-board. allows remote control with (Android) smart devices using the ThermApp application.

A range of dedicated controls, wall-mounted or on the machine, is available but it is essential to choose between these panels for simple and complete tuning, for more details please refer to the dedicated sheet.

#### **Probes and accessories for control panels**

**WMT21:** Electronic thermostat with LCD display (wall installation). **SWAI:** Water temperature probe for WMT21 control panels. Cable length L=2m.

PTI2Z: Electronic thermostat on board the fan coil

## VMF system

**VMF-E22:** User interface for mounting on with two selectors: one to control the temperature and one for the speed

 $\begin{tabular}{ll} \textbf{VMF-E4X:} Wall mounted user interface allowing control via a capacitive touch keyboard. \end{tabular}$ 

**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-IO:** Expansion board that expands the availability of Digital Inputs and Outputs.

**VMF-LON:** Expansion that allows interfacing with a thermostat with BMS systems using the LON protocol.

**VMF-SW:** water sensor replacing that supplied with VMF-E19 thermostats for installation upstream of the valve.

**VMF-SW1:** additional water sensor for 4-pipe systems with E1 thermostats offering maximum control in the cooling range.

## Coil - Hot water

**BV:** Single row hot water heat exchanger. Not available for sizes with Oversized main coil.

#### Valve Kit

VCZ\_X4: Valve kits for single coil units, installed in 4 pipe systems with totally separated "Cooling" and "Heating" circuits. The kit consists of 2 valves with 3-way 4 port connection complete with electro-thermal actuators, insulating shells for the valves and associated hydraulic piping. Version\_X4L valve kit allows left side connection. Version\_X4R valve kit allows right side connection. Power supply 230V ~ 50Hz

**VCZ or VCF: kit containing a motorised 3-way valve** with insulating shell plus coupling and pipes in insulated copper. Applicable for standard or oversized main coil. Available with 230V and 24V~50Hz power supply.

**VCZD or VCFD: Kit consisting of powered 2-way valve**, copper couplings and pipes applicable for standard or oversized main coil. Available with 230V and 24V~50Hz power supply.

VJP/VJP\_M: 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, is available with 230V and 24V~50Hz power supply.

**The VJP is controlled by on-off logic** with compatible control panels (accessories)

**The VJP\_M is controlled by modulating logic** with panels not supplied by Aermec

The design water flow rate is crucial to refine the selection of the valve shown in the compatibility table.

#### Installation accessoires

AMP: kit for the wall mounting installation.

**BCZ:** Auxiliary condensate drip tray

**GA:** Grille to hide hydraulics and electrics on ceiling mounted units; also applicable for floor installation.

**ZXZ:** Copy of esthetical and structural feet

 Refer to dedicated product Leaflet for further details concerning control panel and VMF System

<sup>(1)</sup> Oversized coil "5" does not allow the installation of the supplementary coil "1 or 2"

## **ACCESSORIES COMPATIBILITY**

SW5 AS- SA5 AS- SA5 AS- SA5 AS- SA5 AS- SA5 AS- SA5 AS- SA6 AS- SA6 AS- SA6 AS- SA7 AS- SA7 AS- SWMT21 AS- SWMT21 AS- SWMI AS- SWMI AS- SWMI AS- SWMI AS- SWMF-E2Z AS- SWF-E4X AS- SWF-E4X AS- SWF-E19I AS- SWF-E19I AS- SWF-SW1 AS- SWF-SWF-SWF-SWF-SWF-SWF-SWF-SWF-SWF-SWF-	AF-U-UF AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF-D*	200	250	300	350	400	450	soo	550	700	750	900	950
AER503 AS- 5W5 AS- 5W5 AS- 5W5 AS- 5W5 AS- 5W5 AS- 5W6	AF-U-UF						n combination	on with WMT2					
SW5 AS- SAS AS- SWM121 AS- SWAI AS- SWAI AS- SWAF-E2Z AS- SWF-E2Z AS- SWF-E4X AS- SWF-E4X AS- SWF-E99 AS- SWF-E99 AS- SWF-E99 AS- SWF-SW AS- SWF-SW AS- SWF-SW AS- SWIF-SW AS- SW	AF-U-UF AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT)  (1) (1)						n combination	on with WMT2					
ASS	AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF						n combination	on with WMT2					
AS-   F-TOUCH-I	AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF						n combination	on with WMT2					
T-TOUCH-I	AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF (by)  S with main coil AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) (1) (1)						n combination	on with WMT2					
PTI2Z AS- NMT21 AS- NMT21 AS- SWAI AS- SWAI AS- SWAI AS- SWAI AS- SWAF-SEX AS- NMF-E2Z AS- NMF-E4X AS- NMF-E19I AS- NMF-IO AS- NMF-IO AS- NMF-IO AS- NMF-SW AS- NMF-W AS- NMF-SW	AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) (1) (1)						n combination	on with WMT2					
MMT21 AS- SWAI AS- SWAI AS- SWAI AS- SWAI AS- SWAF System  /MF-E2Z AS- /MF-E4X AS- /MF-E19I AS- /MF-E10 AS- /MF-IO AS- /MF-SW AS- /MF-SW AS- /MF-SW AS- /MF-SW1 AS- Additional coil (heating or BV122 AII BV132 AII BV132 AII BV142 AII BV144-R AS- WALVE KIT for 4 pipe system /CZ1X4L-R AS- /CZ2X4L-R AII /CZ2Z24 AII /CZ02/224 AII /CZ02/224 AII /CZ02/224 AII /CZ03/324 AII /COmbined adjustment and //JP060 AII //JP090 AII //JP090M AII //JP150 AII	AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) (1) (1)						n combination	on with WMT2					
SWAI	AF-U-UF AF-U-UF AF-U-UF AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF AF-U-UF AF-U-UF AF-U-UF AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) (1) (1)						n combination	o with WMT2					
VMF System VMF-E2Z AS- VMF-E4X AS- VMF-E4X AS- VMF-E191 AS- VMF-10 AS- VMF-10 AS- VMF-SW AS- VMF-SW AS- VMF-SW AS- VMF-SW1 AS- Additional coil (heating or BV122 All BV132 All BV132 All BV142 AS- VG2X4L-R AS- VG2X4L-R AS- BVC2X4L-R AS- BVC2X34L-R AS- BVC2X34S24 AII	AF-U-UF AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF AF-U-UF  AF-U-UF  AF-U-UF  AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT)  (1) (1)												
WAF-E2Z	AF-U-UF AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF AF-U-UF  AF-U-UF  AF-U-UF AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT)  (1) (1)								:				
WAF-E2Z	AF-U-UF AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF AF-U-UF  AF-U-UF  AF-U-UF AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT)  (1) (1)								:				
MF-E19  AS-   MF-E19  AS-   MF-IO AS-   MF-ION AS-   MF-SW AS-   MF-SW AS-   MF-SW1 AS-   MF-SW1 AS-   MGH-SW12 AII   BV132 AII   BV132 AII   BV142 AII   BV142 AII   BV162 AII   BV162 AII   BV162 AII   Water valves **   Valve Kit for 4 pipe system   VCZ1X4L-R AS-   VCZ3X4L-R AS-   WCZ3X4L-R AS-   B way valve kit   VCZ42/4224 AII   VCZ42/4224 AII   VCZ42/4224 AII   VCZ42/4224 AII   VCZ42/4224 AII   VCZ43/3324 AII   VCZ43/3324 AII   VCZ03/324	AF-U-UF-D* AF-U-UF-D* AF-U-UF-D* AF-U-UF  AF-U-UF  AF-U-UF  AF-U-UF  AF-U-UF(D+sist. VMF o DT)  AF-U-UF(D+sist. VMF o DT)  (1) (1)				•								•
MRF-IO	AF-U-UF-D* AF-U-UF-D* AF-U-UF  AF-U-UF  Iy)  s with main coil  AF-U-UF(D+sist. VMF o DT)  AF-U-UF(D+sist. VMF o DT)  (1) (1)				•								•
MRF-IO	AF-U-UF-D* AF-U-UF-D* AF-U-UF  AF-U-UF  Iy)  s with main coil  AF-U-UF(D+sist. VMF o DT)  AF-U-UF(D+sist. VMF o DT)  (1) (1)				•		•				•		•
MAF-LON	AF-U-UF-D* AF-U-UF  AF-U-UF  Iy)  s with main coil  AF-U-UF(D+sist. VMF o DT)  AF-U-UF(D+sist. VMF o DT)  (1) (1)		•		•		•			•	•		•
MF-SW   AS-   MF-SW1   AS-   MF-SW1   AS-   MGH-SW1   AS-   Additional coil (heating or    BV122   All     BV132   All     BV142   All     BV142   All     BV162   All     Water valves **   Valve Kit for 4 pipe system     VC21X4L-R   AS-   VC2X4L-R   AS-   VC2X4L-R   AS-   B way valve kit     VC241/4124   All     VC242/4224   All     VC242/4224   All     VC243/4324   All     VC201/124   All     VC201/124   All     VC202/224   All     VC203/324   All     VC203/3	AF-U-UF AF-U-UF  Iy)  s with main coil  AF-U-UF(D+sist. VMF o DT)  AF-U-UF(D+sist. VMF o DT)  (1) (1)	•	•		•		•		•	•	•		•
MF-SW1	AF-U-UF  Iy)  s with main coil  AF-U-UF(D+sist. VMF o DT)  AF-U-UF(D+sist. VMF o DT)  (1) (1)		•		•		•	•	•	•	•	•	•
Additional coil (heating or BV122 All BV132 All BV132 All BV142 All BV142 All BV162 All BV162 All BV162 All BV162 All BV162 All Water valves **  Valve Kit for 4 pipe system VC21X4L-R AS-VC2X4L-R AS-VC2X4L-R AS-B way valve kit VC241/4124 All VC242/4224 All VC243/4324 All AVC243/4324 All AVC203/324 All Combined adjustment and VJP060 All VJP090 All VJP150 All VJP150 All VJP150 All VJP150M All VJP150M All VJP150M All VJP150M All VJP150M All	s with main coil  AF-U-UF(D+sist. VMF o DT)  AF-U-UF(D+sist. VMF o DT)  (1) (1)		•	•	•	•		•		•		•	
8V122 All 8V132 All 8V132 All 8V142 All 8V142 All 8V2800 All 8V162 All Water valves ** Valve Kit for 4 pipe system VC21X4L-R AS- VC2X4L-R AS- VC2X4L-R AS- 3 way valve kit VC241/4124 All VC242/4224 All VC242/4224 All VC243/4324 All VC202/224	s with main coil AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) (1)			•			•		•		•		
8V132 All 8V142 All 8V142 All 8V2800 All 8V162 All 8V162 All Water valves ** Valve Kit for 4 pipe system VCZ1X4L-R AS- VCZX4L-R AS- VCZX4L-R AS- 3 way valve kit VCZ41/4124 All VCZ42/4224 All VCZ43/4324 All VCZ43/4324 All VCZ01/124 All VCZ01/124 All VCZ01/124 All VCZ01/224 All VCZ01/224 All VCZ01/224 All VCZ01/234 All VCZ01/125 All VCZ01/126 All VCZ01/126 All VCZ01/126 All VCZ01/127 All VCZ01/127 All VCZ01/127 All VCZ01/128 All VCZ01/129 All VCZ01/129 All VCZ01/120 All	AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT)  (1) (1)			•			•		•		•		
8V142 All 8V2800 All 8V162 All Water valves ** Valve Kit for 4 pipe system VCZ1X4L-R AS- VCZ2X4L-R AS- VCZ3X4L-R AS- S way valve kit VCZ41/4124 All VCZ42/4224 All VCZ43/4324 All VCZ02/224 All VCZ02/224 All VCZ02/224 All VCZ02/224 All VCZ03/324 All VCZ01/124 All VCZ02/224 All VCZ03/324 All VCZ01/124 All VCZ01/	AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT)  (1) (1)			•			•		•		•		
8VZ800 All 8V162 All Water valves ** Valve Kit for 4 pipe system VCZ1X4L-R AS- VCZ2X4L-R AS- VCZ3X4L-R AS- 3 way valve kit VCZ41/4124 All VCZ42/4224 All VCZ43/4324 All VCZ43/4324 All VCZ02/224 All VCZ02/224 All VCZ02/224 All VCZ03/324 All VCZ03/324 All VCZ03/324 All VCZ03/324 All VCD03/324 All V	AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT)  (1) (1)						•		•		•		•
8V162 All Water valves ** Valve Kit for 4 pipe system VCZ1X4L-R AS- VCZ2X4L-R AS- VCZ3X4L-R AS- S way valve kit VCZ41/4124 All VCZ42/4224 All VCZ43/4324 All VCZ01/124 All	AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT)  (1) (1)					•		•	•		•		•
Water valves **  Valve Kit for 4 pipe system  VCZ1X4L-R AS-  VCZ2X4L-R AS-  S way valve kit  VCZ41/4124 All  VCZ42/4224 All  VCZ43/4324 All  C way valve kit  VCZ01/124 All  VCZ01/124 All  VCZ02/224 All  VCZ02/224 All  VCZ03/324 All  Combined adjustment and  VJP060 All  VJP090 All  VJP090 All  VJP090M All  VJP150M All	AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT)  (1) (1)					•	•	•	•	•	•		•
Valve Kit for 4 pipe system VCZ1X4L-R AS- VCZ2X4L-R AS- VCZ3X4L-R AS- 3 way valve kit VCZ41/4124 All VCZ42/4224 All VCZ43/4324 All VCZ02/214 All VCZ02/224 All VCZ02/224 All VCZ02/224 All VCZ03/324 All VCZ03/324 All VCZ03/324 All VCD03/324 All VCD03/324 All VCD03/324 All VCD03/324 All VJD060 All VJD060 All VJD060 All VJD060M All VJD090M All VJD090M All	AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT)  (1) (1)					•	•	•	•	•	•	•	•
VZ1X4L-R	AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT) AF-U-UF(D+sist. VMF o DT)  (1) (1)					•	•	•	•	•	•	•	•
\(\textit{VZ2X4L-R}\) AS-\(\textit{VZ2X4L-R}\) AS-\(\textit{XZ2X4L-R}\) AS-\(\textit{XZ2X4L-R}\) AS-\(\textit{XZ2X4L-R}\) AII\(\textit{VZ2X4L-Y4124}\) AII\(\textit{VZ2X4L-Y4224}\) AII\(\textit{YZ2X4L-Y4224}\) AII\(\textit{YZ2X4L-Y4224}\) AII\(\textit{YZ2D1/124}\) AII\(\textit{YZD1/124}\) AII\(\textit{YZD2/224}\) AII\(\textit{YZD2/224}\) AII\(\textit{YZD3/324}\) AII\(\textit{YJP060}\) AII\(\textit{YJP090}\) AII\(\textit{YJP090M}\) AII\(\textit{YJP090M}\) AII\(\textit{YJP150M}\) AII\(\textit{YJP150M}\) AII	AF-U-UF(D+sist. VMF o DT)  AF-U-UF(D+sist. VMF o DT)  (1) (1)					•	•	•	•	•	•	•	•
VC23X4L-R	AF-U-UF(D+sist. VMF o DT) (1) (1)	•	•			•	•	•	•	•	•	•	•
8 way valve kit  VC241/4124 All  VC242/4224 All  VC243/4324 All  2 way valve kit  VC2D1/124 All  VC2D2/224 All  VC2D3/324 All  Combined adjustment and  VJP060 All  VJP090 All  VJP060M All  VJP090M All  VJP150M All	(1) (1)	•	•	•								•	•
\(\text{VC241/4124}\) All \(\text{VC242/4124}\) All \(\text{VC242/4224}\) All \(\text{VC243/4324}\) All \(\text{VC243/4324}\) All \(\text{VC2D1/124}\) All \(\text{VC2D1/124}\) All \(\text{VCD2/224}\) All \(\text{VCD3/324}\) All \(\text{VD0600}\) All \(\text{VJP060}\) All \(\text{VJP090}\) All \(\text{VJP060M}\) All \(\text{VJP090M}\) All \(\text{VJP150M}\) All \(\text{VJP150M}\) All	(1)	•	•	•									
VZ42/4224 AII   VZ43/4324 AII   VZ43/4324 AII   VZ201/124 AII   VZ002/224 AII   VZ003/324 AII   VZ0060 AII   VZ0060 AII   VZ0060 AII   VZ0060 AII   VZ0060 AII   VZ0060 AII   VZ00600 AII   VZ00600 AII   VZ00600 AII   VZ006000 AII   VZ0060000 AII   VZ0060000 AII   VZ0060000000000000000000000000000000000	(1)	•	•										
\(\textit{VZ43/4324} \times All \) \(\textit{2} \times \times \times \times \times \) \(\textit{VZD1/124} \times All \) \(\textit{VZD2/224} \times All \) \(\textit{VZD3/324} \times \times \) \(\textit{VJP060} \times \times \times \) \(\textit{VJP090} \times \times \times \) \(\textit{VJP090} \times \times \times \) \(\textit{VJP090M} \times \times \times \) \(\textit{VJP150M} \times \													
2 way valve kit  VCZD1/124 All  VCZD2/224 All  VCZD3/324 All  Combined adjustment and  VJP060 All  VJP090 All  VJP150 All  VJP060M All  VJP090M All  VJP090M All	(1)				•	•	•	•	•	•	•		
\(\text{VZD1/124}\) All \(\text{VZD1/124}\) All \(\text{VZD2/224}\) All \(\text{VZD3/324}\) All \(\text{Combined adjustment and \(\text{VJP060}\) All \(\text{VJP090}\) All \(\text{VJP150}\) All \(\text{VJP090M}\) All \(\text{VJP150M}\) All \(\text{VJP150M}\) All \(\text{VJP150M}\) All \(\text{VJP150M}\) All												•	•
\text{VZD2/224} All \text{VZD3/324} All \text{VZD3/324} All \text{Combined adjustment and \text{VJP060} All \text{VJP090} All \text{VJP150} All \text{VJP060M} All \text{VJP090M} All \text{VJP150M} All \text{VJP150M} All \text{VJP150M} All \text{VJP150M} All													
\( \text{VZD3/324} \) All \( \text{Combined adjustment and } \( \text{VJP060} \) All \( \text{VJP090} \) All \( \text{VJP150} \) All \( \text{VJP090M} \) All \( \text{VJP090M} \) All \( \text{VJP150M} \)	(1)	•	•										
Combined adjustment and           VJP060         All           VJP090         All           VJP150         All           VJP060M         All           VJP090M         All           VJP150M         All	(1)			•	•	•		•	•	•	•		
VJP060         All           VJP090         All           VJP150         All           VJP060M         All           VJP090M         All           VJP150M         All	(1)												
/JP090 AII /JP150 AII /JP060M AII /JP090M AII	balancing valve independe	nt of pressure	2										
/JP090 AII /JP150 AII /JP060M AII /JP090M AII		•											
/JP150 AII /JP060M AII /JP090M AII /JP150M AII						•	•	•	•				
VJP060M All VJP090M All VJP150M All													
VJP090M AII VJP150M AII	(1)	•			•								
/JP150M AII	(1)					•	•	•	•				
				-						•	•	•	
	(1)									-			
AMP20 U													
		•	•	•	•	•	•	•	•				
AMPZ U	rtical\	•	•	•	•	•	•	•	•	•	•	•	•
	tical)	•	•	•	•	•	•	•	•	•	•	•	•
	rizontal)	•	•	•	•	•	•	•	•	•	•		
	rizontal)											•	•
Panel to close rear of unit													
PCZ200 AII		•	•										
PCZ300 AII				•	•								
PCZ500 All						•	•	•	•				
PCZ800 AII										•	•		
PCZ1000 All												•	•
Grille for ceiling mounted	units												
	AF-U-UF												
					•								
	AF-U-UF					•	•	•	•				
	AF-U-UF AF-IJ-IJF					-	•	•		•	•	•	
	AF-U-UF									•		•	•
<b>Esthetical and structural f</b> ZXZ All	AF-U-UF AF-U-UF										•	•	

For further details concerning control panels and VMF system refer to the dedicated sheets.

\* Contact Aermec

\*\*The water valves can be combined with the unit if it is also provided a control panel that controls

VJP / VJP \_ M The compatibility of the valves in the hot branch plant 4 tubes, check with the design water flow

(1) VCZ4124-VCZ4224-VCZ4324-VCZ0124-VCZ0224-VCZ0324-VJP060M-VJP090M-VJP150M are 24V

								win coil mod	el				
FCZI			201	202	301	302	401	402	501	502	701	702	901
Probes and acces	ssories for control pa	nels				1							
AER503	AS-AF-U-UF		•	•	•	•	•	•	•	•	•	•	•
SW5	AS-AF-U-UF						•			•			
SA5	AS-AF-U-UF												
TXBI	AS-AF-U-UF		•		•	•	•	•	•	•	•	•	•
T-TOUCH-I	AS-AF-U-UF												
PTI2Z	AS-AF-U-UF		•	•	•	•	•	•	•	•	•	•	•
WMT21	AS-AF-U-UF					•				•			
SWAI	AS-AF-U-UF						In com	bination with	WMT21			-	-
VMF System													
VMF-E2Z	AS-AF-U-UF												
VMF-E4X	AS-AF-U-UF		•		•	•	•	•	•	•	•	•	•
VMF-E19I	AS-AF-U-UF			•	•		•			•			
VMF-I0	AS-AF-U-UF												
VMF-LON	AS-AF-U-UF		•	•	•	•	•	•	•	•	•	•	•
VMF-SW	AS-AF-U-UF		•	•		•	•	•		•	•	•	•
VMF-SW1	AS-AF-U-UF		•		•	•	•	•	•	•	•	•	•
Water valves **													
3 way valve kit													
VCZ41/4124	All	(1)	•	•									
VCZ42/4224	All	(1)					•			•		•	
VCZ43/4324	All	(1)											•
2 way valve kit													
VCZD1/124	All	(1)		•									
VCZD2/224	All	(1)					•			•			
VCZD3/324	All	(1)											
	or heating coil only	(-/											
VCFD4/424	All	(1)		•	•		•			•		•	•
	tment and balancing		endent of pre	essure									-
VJP060	All			•	•					•			
VJP150	All												•
VJP060M	All	(1)	•	•	•	•	•	•	•	•	•	•	
VJP150M	All	(1)											
Installation acce													-
AMP20	U			•	•					•			
AMPZ	U			•			•			•		•	•
BCZ4	(vertical)		•	•	•	•	•	•	•	•	•	•	•
BCZ5	(horizontal)			•	•		•			•			
BCZ6	(horizontal)												•
Panel to close re													
PCZ200	All			•								-	-
PCZ300	All				•	•							
PCZ500	All						•	•		•			-
PCZ800	All										•	•	
PCZ1000	All												•
Grille for ceiling												-	-
GA200	U-UF		•	•									
GA300	U-UF				•								-
GA500	U-UF						•			•			
GA800	U-UF												
Esthetical and st													
ZXZ	All		•	•	•	•	•	•	•	•	•	•	•
													-

For further concerning control panels and VMF system refer to the dedicated sheets.

\*\* The water valves can be combined with the unit if it is also provided a control panel that controls

VJP / VJP\_M The compatibility of the valves in the hot branch plant 4 tubes, check with the design water flow

(1) VCZ4124-VCZ4224-VCZ4324-VCZD124-VCZD224-VCZD324-VJP60M-VJP090M-VJP150M are 24V

## **TECHNICAL DATA - WITH SINGLE COIL**

FCZI				200			250			300			350			400			450	
Fan speed			Н	M	L	Н	М	L	Н	M	L	Н	M	L	Н	M	L	Н	M	L
Heating Performance																				
2 pipe systems																				
Heating capacity (70°C)	(1)	kW	3,70	2,95	2,02	4,05	3,18	2,20	5,50	4,46	3,47	6,15	4,92	3,77	7,15	5,74	4,32	7,82	6,29	4,57
Water flow rate	(1)	I/h	324	258	177	355	278	193	482	391	304	539	431	330	627	503	379	685	551	400
Pressure drop	(1)	kPa	18,0	12,0	6,0	23,0	15,0	7,0	18,0	12,0	7,0	20,0	14,0	8,0	24,0	16,0	9,0	16,0	11,0	6,0
Heating capacity (45°C)	(2)	kW	1,84	1,46	1,00	2,01	1,58	1,09	2,73	2,21	1,72	3,06	2,44	1,87	3,55	2,85	2,14	3,88	3,12	2,27
Water flow rate	(2)	I/h	319	254	174	350	274	190	475	385	299	531	425	325	617	495	373	675	543	394
Pressure drop	(2)	kPa	17,5	12,0	6,0	22,0	15,0	8,0	17,5	12,0	8,0	20,5	14,0	8,5	23,5	16,0	9,5	16,0	11,0	6,0
Cooling Performance	(=)	u	,5	.2,0	0/0	22,0	.570	0,0	.,,5	. 2,0	0,0	20/3	,•	0/5	25/5	.0,0	7/5	10/0	,0	0,0
Total cooling capacity	(3)	kW	1,60	1,28	0,89	1,94	1,55	1,06	2,65	2,17	1,68	3,02	2,46	1,89	3,60	2,92	2,20	4,03	3,21	2,41
Sensible cooling capacity	(3)	kW	1,33	1,05	0,71	1,52	1,20	0,79	2,04	1,65	1,26	2,18	1,76	1,33	2,67	2,14	1,59	2,90	2,30	1,69
Cooling capacity (latent)	(3)	kW	0,27	0,23	0,18	0,42	0,35	0,27	0,61	0,52	0,42	0,84	0,70	0,56	0,93	0,78	0,61	1,13	0,91	0,72
Water flow rate	(3)	I/h	275	221	153	334	267	182	456	374	288	560	460	350	619	503	379	694	552	414
Pressure drop	(3)	kPa	18,0	12,5	6,5	25,0	17,0	8,5	18,0	13,0	8,0	25,0	17,5	11,0	24,0	16,5	10,0	22,0	15,0	9,0
Fans					, ,	,	, ,		,		,			,	,					
Centrifugal Fans		n°			1							<u> </u>						<u> </u>		
Air flow rate		m³/h	290	220	140	290	220	140	450	350	260	450	350	260	600	460	330	600	460	330
Sound level																				
Sound power level	(4)	dB(A)	51	46	35	51	46	35	48	41	34	48	41	34	51	44	37	51	44	37
Sound pressure level	. ,	dB(A)	43	38	27	43	38	27	40	33	26	40	33	26	43	36	29	43	36	29
Hydraulic connections		7												-			-			
Main coil																				
Standard		Ø		1/2"			1			3/4"			1			3/4"				
Oversized		Ø		1			1/2"			1			3/4"			1			3/4"	
Electrical data			-			-									-					
Absorbed power		W	14	8	7	14	8	5	13	7	5	13	7	5	18	10	5	18	10	5
Signal 0-10V		%	90	68	44	90	68	44	90	70	52	90	70	52	90	68	49	90	68	49
Power supply		,,									230V~	-								
F.671			1			1									_				050	
FCZI				500			550			700	_		750			900	_		950	
Fan speed			Н	500 M	L	Н	550 M	L	Н	700 M	L	Н	750 M	L	Н	900 M	L	Н	950 M	
Fan speed Heating Performance			Н		L	Н		L	Н		L	Н		L	Н		L	Н		L
Fan speed Heating Performance 2 pipe systems	(4)			М			М			М			М			M			M	
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C)	(1)	kW	8,50	M 7,31	5,27	9,75	M 8,34	5,82	11,00	M 9,80	8,10	12,50	M 11,30	9,10	15,14	M 13,35	10,77	17,10	M 14,42	11,20
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate	(1)	l/h	8,50 745	7,31 641	5,27 462	9,75 855	M 8,34 731	5,82 510	11,00 964	9,80 860	8,10 710	12,50 1096	M 11,30 991	9,10 798	15,14 1328	M 13,35 1171	10,77 945	17,10 1500	M 14,42 1264	11,20 982
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop	(1)	I/h kPa	8,50 745 28,0	7,31 641 21,0	5,27 462 12,0	9,75 855 26,0	8,34 731 20,0	5,82 510 10,0	11,00 964 29,1	9,80 860 23,6	8,10 710 16,8	12,50 1096 18,0	M 11,30 991 15,0	9,10 798 10,0	15,14 1328 22,0	M 13,35 1171 17,4	10,77 945 12,0	17,10 1500 33,0	M 14,42 1264 24,5	11,20 982 15,5
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C)	(1) (1) (2)	I/h kPa kW	8,50 745 28,0 4,22	7,31 641 21,0 3,63	5,27 462 12,0 2,62	9,75 855 26,0 4,85	8,34 731 20,0 4,14	5,82 510 10,0 2,89	11,00 964 29,1 5,47	9,80 860 23,6 4,87	8,10 710 16,8 4,03	12,50 1096 18,0 6,20	M 11,30 991 15,0 5,60	9,10 798 10,0 4,50	15,14 1328 22,0 7,53	13,35 1171 17,4 6,64	10,77 945 12,0 5,35	17,10 1500 33,0 8,50	M 14,42 1264 24,5 7,17	11,20 982 15,5 5,57
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate	(1) (1) (2) (2)	I/h kPa kW I/h	8,50 745 28,0 4,22 734	7,31 641 21,0 3,63 631	5,27 462 12,0 2,62 455	9,75 855 26,0 4,85 842	8,34 731 20,0 4,14 720	5,82 510 10,0 2,89 502	11,00 964 29,1 5,47 950	9,80 860 23,6 4,87 846	8,10 710 16,8 4,03 699	12,50 1096 18,0 6,20 1079	M 11,30 991 15,0 5,60 975	9,10 798 10,0 4,50 786	15,14 1328 22,0 7,53 1307	13,35 1171 17,4 6,64 1152	10,77 945 12,0 5,35 930	17,10 1500 33,0 8,50 1476	M 14,42 1264 24,5 7,17 1245	11,20 982 15,5 5,57 967
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop	(1) (1) (2)	I/h kPa kW	8,50 745 28,0 4,22	7,31 641 21,0 3,63	5,27 462 12,0 2,62	9,75 855 26,0 4,85	8,34 731 20,0 4,14	5,82 510 10,0 2,89	11,00 964 29,1 5,47	9,80 860 23,6 4,87	8,10 710 16,8 4,03	12,50 1096 18,0 6,20	M 11,30 991 15,0 5,60	9,10 798 10,0 4,50	15,14 1328 22,0 7,53	13,35 1171 17,4 6,64	10,77 945 12,0 5,35	17,10 1500 33,0 8,50	M 14,42 1264 24,5 7,17	11,20 982 15,5 5,57
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance	(1) (1) (2) (2) (2)	I/h kPa kW I/h kPa	8,50 745 28,0 4,22 734 28,0	7,31 641 21,0 3,63 631 21,0	5,27 462 12,0 2,62 455 12,0	9,75 855 26,0 4,85 842 25,5	8,34 731 20,0 4,14 720 19,5	5,82 510 10,0 2,89 502 10,0	11,00 964 29,1 5,47 950 29,0	9,80 860 23,6 4,87 846 23,5	8,10 710 16,8 4,03 699 16,5	12,50 1096 18,0 6,20 1079 17,5	M 11,30 991 15,0 5,60 975 14,5	9,10 798 10,0 4,50 786 10,0	15,14 1328 22,0 7,53 1307 21,5	13,35 1171 17,4 6,64 1152 17,0	10,77 945 12,0 5,35 930 12,0	17,10 1500 33,0 8,50 1476 33,0	M 14,42 1264 24,5 7,17 1245 24,0	11,20 982 15,5 5,57 967 15,0
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity	(1) (1) (2) (2) (2) (2)	I/h kPa kW I/h kPa	8,50 745 28,0 4,22 734 28,0	7,31 641 21,0 3,63 631 21,0	5,27 462 12,0 2,62 455 12,0	9,75 855 26,0 4,85 842 25,5	8,34 731 20,0 4,14 720 19,5	5,82 510 10,0 2,89 502 10,0	11,00 964 29,1 5,47 950 29,0	9,80 860 23,6 4,87 846 23,5	8,10 710 16,8 4,03 699 16,5	12,50 1096 18,0 6,20 1079 17,5	M 11,30 991 15,0 5,60 975 14,5	9,10 798 10,0 4,50 786 10,0	15,14 1328 22,0 7,53 1307 21,5	13,35 1171 17,4 6,64 1152 17,0	10,77 945 12,0 5,35 930 12,0	17,10 1500 33,0 8,50 1476 33,0	M 14,42 1264 24,5 7,17 1245 24,0	11,20 982 15,5 5,57 967 15,0
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity	(1) (1) (2) (2) (2) (2) (3) (3)	I/h kPa kW I/h kPa kW kW	8,50 745 28,0 4,22 734 28,0 4,25 3,18	7,31 641 21,0 3,63 631 21,0 3,69 2,73	5,27 462 12,0 2,62 455 12,0 2,68 1,94	9,75 855 26,0 4,85 842 25,5 4,79 3,49	8,34 731 20,0 4,14 720 19,5 4,13 2,98	5,82 510 10,0 2,89 502 10,0 2,91 2,07	11,00 964 29,1 5,47 950 29,0 5,50 4,30	9,80 860 23,6 4,87 846 23,5 4,89 3,76	8,10 710 16,8 4,03 699 16,5 3,92 2,99	12,50 1096 18,0 6,20 1079 17,5	M 11,30 991 15,0 5,60 975 14,5	9,10 798 10,0 4,50 786 10,0 4,27 3,20	15,14 1328 22,0 7,53 1307 21,5	M 13,35 1171 17,4 6,64 1152 17,0 5,00 3,78	10,77 945 12,0 5,35 930 12,0 4,29 2,97	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87	11,20 982 15,5 5,57 967 15,0
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent)	(1) (1) (2) (2) (2) (2) (3) (3) (3)	I/h kPa kW I/h kPa kW kW	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93	12,50 1096 18,0 6,20 1079 17,5	M 11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23	M 13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate	(1) (1) (2) (2) (2) (3) (3) (3) (3)	I/h kPa kW I/h kPa kW kW kW kW	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84 501	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056	M 11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189	M 13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop	(1) (1) (2) (2) (2) (2) (3) (3) (3)	I/h kPa kW I/h kPa kW kW	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93	12,50 1096 18,0 6,20 1079 17,5	M 11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23	M 13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans	(1) (1) (2) (2) (2) (3) (3) (3) (3)	I/h kPa kW I/h kPa kW kW kW kW kW	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84 501	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189	M 13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans	(1) (1) (2) (2) (2) (3) (3) (3) (3)	I/h kPa kW I/h kPa kW kW kW kW n/h	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634 22,5	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946 30,0	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate	(1) (1) (2) (2) (2) (3) (3) (3) (3)	I/h kPa kW I/h kPa kW kW kW kW kW	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84 501	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189	M 13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level	(1) (1) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa kW kW kW and the second s	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634 22,5	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 1,30 824 28,0	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946 30,0	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5	11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level	(1) (1) (2) (2) (2) (3) (3) (3) (3)	I/h kPa kW I/h kPa kW kW kW and the second s	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634 22,5	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5	5,82 510 10,0 2,89 502 10,0 2,91 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946 30,0	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5 3	11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level	(1) (1) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa kW kW kW and the second s	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634 22,5	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 1,30 824 28,0	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946 30,0	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5	11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections	(1) (1) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa kW kW kW and the second s	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634 22,5	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5	5,82 510 10,0 2,89 502 10,0 2,91 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946 30,0	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5 3	11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil	(1) (1) (2) (2) (2) (3) (3) (3) (3) (3)	1/h   kPa   kW   1/h   kPa   kW   kW   kW   1/h   kPa   n°   m³/h   dB(A)   dB(A)	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634 22,5	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5	5,82 510 10,0 2,89 502 10,0 2,91 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946 30,0	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5 3	11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0 700
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil Standard	(1) (1) (2) (2) (2) (3) (3) (3) (3) (3)	1/h   kPa   kW   1/h   kPa   kW   kW   kW   1/h   kPa   n°   m³/h   dB(A)   dB(A)   Ø	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634 22,5	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5	5,82 510 10,0 2,89 502 10,0 2,91 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946 30,0	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5 3	11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5 930	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil Standard Oversized	(1) (1) (2) (2) (2) (3) (3) (3) (3) (3)	1/h   kPa   kW   1/h   kPa   kW   kW   kW   1/h   kPa   n°   m³/h   dB(A)   dB(A)	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634 22,5	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5	5,82 510 10,0 2,89 502 10,0 2,91 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946 30,0	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5 3	11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil Standard Oversized Electrical data	(1) (1) (2) (2) (2) (3) (3) (3) (3) (3)	1/h   kPa   kW   1/h   kPa   kW   kW   kW   1/h   kPa   n°   m³/h   dB(A)   dB(A)   Ø   Ø	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0 720	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634 22,5	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0 2 720	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5 600 51 43 / 3/4"	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 29,0 5,50 4,30 1,20 946 30,0	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5 930 57 49	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5 3 1140	11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5 930 57 49	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 5,78 2,82 1479 30,0 61 53	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5 930	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Cooling capacity (Latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil Standard Oversized Electrical data Absorbed power	(1) (1) (2) (2) (2) (3) (3) (3) (3) (3)	I/h   kPa   kW   I/h   kPa   kW   kW   kW   I/h   kPa   n°   m³/h   dB(A)   dB(A)   Ø   W   W   W   W   W   W   W   W   W	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0 720	7,31 641 21,0 3,63 631 21,0 2,73 0,96 634 22,5 600 51 43	5,27 462 12,0 2,62 455 12,0 2,68 1,94 460 13,0 400	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0 2 720 56 48	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5 600 51 43	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946 30,0 1140 62 54	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5 57 49	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5 700 42	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5 3 1140	11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5 57 49	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0 50 42	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5 57 49	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0 61 53	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5 930 57 49	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0 700 51 43
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound pressure level Hydraulic connections Main coil Standard Oversized Electrical data Absorbed power Signal 0-10V	(1) (1) (2) (2) (2) (3) (3) (3) (3) (3)	1/h   kPa   kW   1/h   kPa   kW   kW   kW   1/h   kPa   n°   m³/h   dB(A)   dB(A)   Ø   Ø	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0 720	7,31 641 21,0 3,63 631 21,0 3,69 2,73 0,96 634 22,5	5,27 462 12,0 2,62 455 12,0 2,68 1,94 0,74 460 13,0	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0 2 720	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5 600 51 43 / 3/4"	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 29,0 5,50 4,30 1,20 946 30,0	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5 930 57 49	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5 700 42	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5 3 11140	11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5 930 57 49	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 5,78 2,82 1479 30,0 61 53	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5 930	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0 700
Fan speed Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Cooling Performance Total cooling capacity Cooling capacity (Latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil Standard Oversized Electrical data Absorbed power	(1) (1) (2) (2) (2) (3) (3) (3) (3) (3)	I/h   kPa   kW   I/h   kPa   kW   kW   kW   I/h   kPa   n°   m³/h   dB(A)   dB(A)   Ø   W   W   W   W   W   W   W   W   W	8,50 745 28,0 4,22 734 28,0 4,25 3,18 1,07 731 29,0 720	7,31 641 21,0 3,63 631 21,0 2,73 0,96 634 22,5 600 51 43	5,27 462 12,0 2,62 455 12,0 2,68 1,94 460 13,0 400	9,75 855 26,0 4,85 842 25,5 4,79 3,49 1,30 824 28,0 2 720 56 48	8,34 731 20,0 4,14 720 19,5 4,13 2,98 1,15 711 21,5 600 51 43	5,82 510 10,0 2,89 502 10,0 2,91 2,07 0,84 501 11,5	11,00 964 29,1 5,47 950 29,0 5,50 4,30 1,20 946 30,0 1140	9,80 860 23,6 4,87 846 23,5 4,89 3,76 1,13 841 24,5 57 49	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5 700 42	12,50 1096 18,0 6,20 1079 17,5 6,14 4,72 1,42 1056 18,5 3 1140	11,30 991 15,0 5,60 975 14,5 5,34 4,05 1,29 918 14,5 57 49	9,10 798 10,0 4,50 786 10,0 4,27 3,20 1,07 734 10,0 50 42	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5 57 49	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0 61 53	14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5 930 57 49	11,20 982 15,5 5,57 967 15,0 5,77 3,80 1,97 992 15,0 700 51 43

Data in accordance with Regulation EU 2016/2281

H Maximum speed; M Average Speed; L Minimum speed

(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 20°C d.b./19°C w.b.; Water (in/out) 7°C/12°C (EUROVENT)

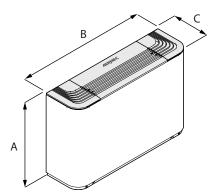
(4) Sound power: Aermec determines sound power values on the basis of measurements made in accordance with UNI EN 16583:15, as required for Eurovent certification.

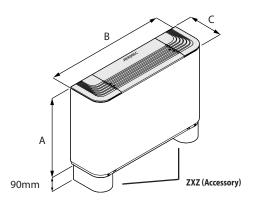
Sound pressure level (A-weighted) measured indoors with volume V=85m3, reverberation time t = 0.5 s; Direction factor Q = 2; Distance r = 2.5m

## TECHNICAL DATA - WITH MAIN + SUPPLEMENTARY COIL

FCZI				201			301			401			501			701			901	
Fans speed			Н	М	L	Н	М	L	Н	М	L	Н	М	L	Н	М	L	Н	M	L
Heating Performance																				
4 pipe systems																				
Heating capacity (65°)	(1)	kW	1,60	1,35	1,02	2,56	2,18	1,80	3,12	2,65	2,21	3,73	3,34	2,59	4,94	4,29	3,66	5,72	5,63	4,73
Water flow rate	(1)	I/h	140	118	89	224	191	158	273	232	186	327	293	227	437	375	320	501	492	414
Pressure drop	(1)	kPa	10,5	7,5	4,5	30,5	23,0	16,5	8,5	6,5	4,5	10,5	8,5	5,5	18,5	14,5	11,0	12,0	12,0	8,5
Cooling Performance																				
Total cooling capacity	(2)	kW	1,60	1,28	0,89	2,65	2,17	1,68	3,60	2,92	2,20	4,25	3,69	2,68	5,50	4,89	3,92	6,91	5,00	4,29
Sensible cooling capacity	(2)	kW	1,33	1,05	0,71	2,04	1,65	1,26	2,67	2,14	1,59	3,18	2,73	1,94	4,30	3,76	2,99	5,68	3,78	2,97
Cooling capacity (latent)	(2)	kW	0,27	0,23	0,18	0,61	0,52	0,42	0,93	0,78	0,61	1,07	0,96	0,74	1,20	1,13	0,93	1,23	1,22	1,32
Water flow rate	(2)	l/h	275	221	153	456	374	289	619	503	379	731	635	461	946	841	675	1188	860	738
Pressure drop	(2)	kPa	18,0	12,5	6,5	18,0	13,0	8,0	34,0	23,5	14,0	29,0	22,5	13,0	30,0	24,5	16,5	9,5	14,5	9,5
Fans																				
Centrifugal Fans		n°		1			2			2			2			3			3	
Air flow rate		m³/h	290	220	140	450	350	260	600	460	330	720	600	400	1140	930	700	1140	930	700
Sound level																				
Sound power level	(3)	dB(A)	51	46	35	48	41	34	51	44	37	56	51	42	62	57	50	62	57	51
Sound pressure level		dB(A)	43	38	27	40	33	26	43	36	29	48	43	34	54	49	42	54	49	43
Hydraulic connections																				
Main coil		Ø		1/2"			3/4"			3/4"			3/4"			3/4"			3/4"	
Additional coil		Ø		1/2"			1/2"			1/2"			1/2"			1/2"			1/2"	
Electrical data																				
Absorbed power		W	14	8	7	13	7	5	18	10	5	19	10	4	80	40	30	80	40	30
Signal 0-10V		%	90	68	44	90	70	52	90	68	49	90	74	50	90	72	56	90	72	56
Power supply											230V	~50Hz								

## **DIMENSIONS**





FCZI		200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	/	950
Dimensions for all versions																									
A	mm		48	36			4	36			48	36			48	16			4	36					
A (with feet)	mm		57	76			5	76			5	76			57	6			5	76			1		
В	mm		750				9	30		1200					12	00			13	20		1320			
C	mm		22	20			2	20		220				220		.0			220				22	0	
Weight without feet	kg	15	15	16	16	17	17	18	18	22	23	24	24	22	23	24	24	29	30	31	31		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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