

















FCZI-H

Fan coil with the photocatalytic device, for universal and floor installation



- Photocatalytic device
- Very quiet
- Backlit touch-I 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.
- **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 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).

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

Apart from the brushless motor, each unit can also be supplied with a single-phase asynchronous motor. Refer to the relative FCZ - 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).

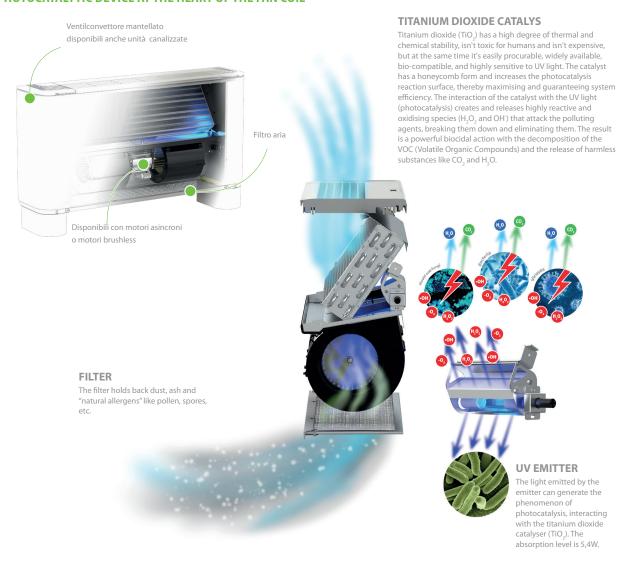
Air filter

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.

FCZI-H_Y_UN50_01

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PHOTOCATALYTIC DEVICE AT THE HEART OF THE FAN COIL



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 (1)
7	Secondary coil
0	Without coil
8	Version
Н	Unit with shell without thermostat - vertical and horizontal mount
HP	Unit without shell and thermostat - vertical and horizontal mount
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 - FCZI-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.

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 re $mote\ control\ with\ smart\ devices\ with\ the\ Android\ operating\ system.$

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

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.

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

Model	Ver	200	300	400	500	700	900	950
AER503IR (1)	H,HP	•	•	•	•	•	•	•
PR0503	H,HP	•	•	•	•	•	•	
SA5 (2)	H,HP,HT	•	•	•	•	•	•	•
SW5 (2)	H,HP,HT	•	•	•	•	•	•	•
T-TOUCH-I	Н	•	•	•	•	•	•	•
TX (1)	H,HP	•	•	•	•	•	•	•
TXRI (3)	Н							•

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

(-)								
Model	Ver	200	300	400	500	700	900	950
VMF-E19I	H,HP	•	•	•	•	•	•	•
VMF-E2Z	Н	•	•	•	•	•	•	•
VMF-E3	H,HP		•	•	•	•	•	
VMF-E4DX	H,HP	•	•	•	•	•	•	•
VMF-E4X	H,HP	•	•	•	•	•	•	•
VMF-IO	Н	•			•	•		•
VMF-IR	H,HP	•	•	•	•	•	•	
VMF-LON	Н	•	•	•				•
VMF-SW1	HP	•	•	•	•	•	•	•

Common accessories

3 way valve kit

Model	Ver	200	300	400	500	700	900	950
VCZ41 (1)	H,HP,HT	•						
VCZ4124 (2)	H,HP,HT	•						
VCZ42 (1)	H,HP,HT		•	•	•	•		

lodel	Ver	200	300	400	500	700	900	950
CZ4224 (2)	Н,НР,НТ		•	•				
CZ43 (1)	Н,НР,НТ						•	
CZ4324 (2)	H,HP,HT						•	•
) 230V~50Hz 2) 24V	,			,				
way valve kit								
Nodel	Ver	200	300	400	500	700	900	950
/CZD1 (1)	Н,НР,НТ	•						
/CZD124 (2)	H,HP,HT	•						
/CZD2 (1)	H,HP,HT		•	•	•	•		
/CZD224 (2)	H,HP,HT		•	•	•	•		
/CZD3 (1)	H,HP,HT						•	•
/CZD324 (2)	Н,НР,НТ						•	•
1) 230V~50Hz 2) 24V								
Combined Adjustment an								
Model	Ver	200	300	400	500	700	900	950
/JP060 (1)	Н,НР,НТ	•	•					
/JP060M (2)	H,HP,HT	•	•					
/JP090 (1)	H,HP,HT			•	•			
/JP090M (2)	H,HP,HT			•	•			
(JP150 (1)	H,HP,HT					•	•	•
/JP150M (2)	Н,НР,НТ					•	•	•
1) 230V~50Hz 2) 24V								
Vall mounting kit								
Ver	200	300	400	500		00	900	950
HP	AMP20	AMP20	AMP20	AMP20	A٨	1270	AMP/II	AMP/0
НР	AMP20	AMP20	AMP20	AMP20	AN	1P20	AMP20	AMP20
	AMP20	AMP20	AMP20	AMP20	AN	120	AMP2U	AMP20
Condensate drainage	AMP20 Ver	AMP20 200	AMP20 300	400	500	700	900	950
Condensate drainage Nodel								
Condensate drainage Model DSC4(1)	Ver HP	200	300	400	500	700	900	950
Condensate drainage Model ISC4 (1) 1) DSC4 cannot be mounted if even jus	Ver HP	200	300	400	500	700	900	950
Condensate drainage Model DSC4 (1) 1) DSC4 cannot be mounted if even jus Condensate drip	Ver HP t one of these accessories is al	200 • Iso installed: AMP - AMF	300 • • • • • • • • • • • • • • • • • •	400 • R and all the condensate	500 c collection trays.	700	900	950
Condensate drainage Model DSC4 (1) 1) DSC4 cannot be mounted if even jus Condensate drip Ver	Ver HP t one of these accessories is al	200 • Iso installed: AMP - AMF	300 • PZ valve VCZ1-2-3-4 X4L/I	400 • R and all the condensate	500 • e collection trays.	700	900 ·	950 •
Condensate drainage Model ISC4 (1) I) DSC4 cannot be mounted if even jus Condensate drip Ver HP	Ver HP t one of these accessories is al	200 • Iso installed: AMP - AMF	300 • • • • • • • • • • • • • • • • • •	400 • R and all the condensate	500 • e collection trays.	700	900	950
Condensate drainage Model ISC4 (1) I) DSC4 cannot be mounted if even juse Condensate drip Ver HP 1) For vertical installation.	Ver HP t one of these accessories is al 200 BCZ4 (1)	200 • Iso installed: AMP - AMF 300 BCZ4 (1)	300 • PZ valve VCZ1-2-3-4 X4L/I 400 BCZ4 (1)	400 • R and all the condensate 500 BCZ4 (1)	500 • e collection trays.	700 • 00 (4 (1)	900 • 900 BCZ4(1)	950 950 BCZ4(1)
Condensate drainage Nodel SC4 (1) D SC4 cannot be mounted if even justoneers Condensate drip Ver HP For vertical installation. Ver	Ver HP t one of these accessories is al 200 BCZ4 (1)	200 • AMP - AMF 300 B(74(1)	300 • PZ valve VCZ1-2-3-4 X4L/U 400 BCZ4 (1)	400 • R and all the condensate 500 BCZ4 (1)	500 • e collection trays. 7 BCZ	700 •	900 • 900 BCZ4(1)	950 • 950 BCZ4 (1)
Condensate drainage Model ISC4 (1) 1) DSC4 cannot be mounted if even juse Condensate drip Ver HP 1) For vertical installation. Ver HP	Ver HP t one of these accessories is al 200 BCZ4 (1)	200 • Iso installed: AMP - AMF 300 BCZ4 (1)	300 • PZ valve VCZ1-2-3-4 X4L/I 400 BCZ4 (1)	400 • R and all the condensate 500 BCZ4 (1)	500 • e collection trays. 7 BCZ	700 • 00 (4 (1)	900 • 900 BCZ4(1)	950 950 BCZ4(1)
Condensate drainage Model DSC4 (1) 1) DSC4 cannot be mounted if even just Condensate drip Ver HP 1) For vertical installation. Ver HP 1) For horizontal installation.	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1)	200 • AMP - AMF 300 B(74(1)	300 • PZ valve VCZ1-2-3-4 X4L/U 400 BCZ4 (1)	400 • R and all the condensate 500 BCZ4 (1)	500 • e collection trays. 7 BCZ	700 •	900 • 900 BCZ4(1)	950 • 950 BCZ4 (1)
Condensate drainage Nodel SC4 (1) 1) DSC4 cannot be mounted if even just Condensate drip Ver HP 1) For vertical installation. Ver HP 1) For horizontal installation.	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1)	200 • AMP - AMF 300 B(74(1)	300 • PZ valve VCZ1-2-3-4 X4L/U 400 BCZ4 (1)	400 • R and all the condensate 500 BCZ4 (1)	500 • e collection trays. 7 BCZ	700 •	900 • 900 BCZ4(1)	950 • 950 BCZ4 (1)
Condensate drainage Model DSC4 (1) 1) DSC4 cannot be mounted if even just Condensate drip Ver HP 1) For vertical installation. Ver HP 1) For horizontal installation.	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1)	200 • AMP - AMF 300 B(74(1)	300 • PZ valve VCZ1-2-3-4 X4L/U 400 BCZ4 (1)	400 • R and all the condensate 500 BCZ4 (1)	500 • e collection trays. 7 BC2 7 BC2	700 •	900 • 900 BCZ4(1)	950 • 950 BCZ4 (1)
Condensate drainage Model SC4 (1) 1) DSC4 cannot be mounted if even just Condensate drip Ver HP 1) For vertical installation. Ver HP 1) For horizontal installation. Panel closing the rear of the state o	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1)	200 So installed: AMP - AMF 300 BCZ4 (1) 300 BC8 (1)	300 • • 27 valve VCZ1-2-3-4 X4L/1 400 BCZ4 (1) 400 BC8 (1)	400 R and all the condensate 500 8CZ4 (1) 500 8C8 (1)	500 • e collection trays. 7 BC2 7 BC	700 • 00 (4(1) 00 8 (1)	900 • 900 BCZ4(1) 900 BC9 (1)	950 • 950 BCZ4 (1) 950 BC9 (1)
Condensate drainage Model ISC4 (1) I) DSC4 cannot be mounted if even just Condensate drip Ver HP I) For vertical installation. Ver HP I) For horizontal installation. Panel closing the rear of to Ver H,HP,HT	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1) the unit 200 PCZ200	200 Iso installed: AMP - AMF 300 BCZ4 (1) 300 BCS (1)	300 • • • • • • • • • • • • • • • • • •	400 • R and all the condensate 500 BCZ4 (1) 500 BC8 (1)	500 • e collection trays. 7 BC2 7 BC	700 • 00 24 (1) 00 8 (1)	900 • 900 BCZ4(1) 900 BC9(1)	950 • 950 BCZ4 (1) 950 BC9 (1)
Condensate drainage Model DSC4 (1) 1) DSC4 cannot be mounted if even just Condensate drip Ver HP 1) For vertical installation. Ver HP 1) For horizontal installation. Panel closing the rear of to Ver H,HP,HT Grille also applicable for its	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1) the unit 200 PCZ200	200 So installed: AMP - AMF 300 BCZ4 (1) 300 BC8 (1) 300 PCZ300	300 • • • • • • • • • • • • • • • • • •	400 • R and all the condensate 500 8CZ4 (1) 500 8C8 (1) 500 PCZ500	500 • e collection trays. 7 BC2 7 BC	700 • 00 24 (1) 00 8 (1)	900 900 BCZ4(1) 900 BC9 (1) 900 PCZ1000	950 • • 950 BCZ4 (1) 950 BC9 (1)
Condensate drainage Model ISC4 (1) I) DSC4 cannot be mounted if even just Condensate drip Ver HP I) For vertical installation. Ver HP I) For horizontal installation. Panel closing the rear of to Ver H,HP,HT Grille also applicable for to Ver	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1) the unit 200 PCZ200 floor installation 200	200 So installed: AMP - AMF 300 BCZ4 (1) 300 BC8 (1) 300 PCZ300	300 • PZ valve VCZ1-2-3-4 X4L/I 400 BCZ4 (1) 400 BC8 (1) 400 PCZ500	400 • R and all the condensate 500 BCZ4 (1) 500 BC8 (1) 500 PCZ500	500 • e collection trays. 7 BC2 7 BC	700 • 00 24 (1) 00 8 (1) 00 02800	900 900 BCZ4(1) 900 BC9 (1) 900 PCZ1000	950 950 BC24 (1) 950 BC9 (1) 950 PCZ1000
Condensate drainage Model ISC4(1) I) DSC4 cannot be mounted if even just Condensate drip Ver HP I) For vertical installation. Ver HP I) For horizontal installation. Panel closing the rear of to Ver H,HP,HT Grille also applicable for to Ver H,HP,HT	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1) the unit 200 PCZ200 floor installation 200 GA200	200 So installed: AMP - AMF 300 BCZ4 (1) 300 BC8 (1) 300 PCZ300	300 • • • • • • • • • • • • • • • • • •	### 400 R and all the condensate 500 BCZ4 (1) 500 BC8 (1) 500 PCZ500	500 • e collection trays. 7 BC2 7 BC	700 • 00 24 (1) 00 8 (1)	900 900 BCZ4(1) 900 BC9 (1) 900 PCZ1000	950 950 BCZ4 (1) 950 BC9 (1) 950 PCZ1000
Condensate drainage Model ISC4 (1) I) DSC4 cannot be mounted if even just Condensate drip Ver HP I) For vertical installation. Ver HP I) For horizontal installation. Panel closing the rear of to Ver H,HP,HT Grille also applicable for to Ver H,HP,HT	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1) the unit 200 PCZ200 floor installation 200 GA200	200 So installed: AMP - AMF 300 BCZ4 (1) 300 BC8 (1) 300 PCZ300 300 GA300	300 • PZ valve VCZ1-2-3-4 X4L/I 400 BCZ4 (1) 400 BC8 (1) 400 PCZ500 400 GA500	400 • R and all the condensate 500 BCZ4 (1) 500 BC8 (1) 500 PCZ500 6A500	500 • e collection trays. 7 BC2 7 BC	700 • 24 (1) 00 8 (1) 00 7800 00 18800	900 900 BCZ4(1) 900 BC9 (1) 900 PCZ1000 900 GA800	950 950 BC24 (1) 950 BC9 (1) 950 PCZ1000 950 GA800
Condensate drainage Model ISC4(1) I) DSC4 cannot be mounted if even just Condensate drip Ver HP I) For vertical installation. Ver HP I) For horizontal installation. Panel closing the rear of to Ver H,HP,HT Grille also applicable for it Ver H,HP,HT Metal supports for GA gri	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1) the unit 200 PCZ200 floor installation 200 GA200	200 Soo installed: AMP - AMF 300 BC74 (1) 300 BC8 (1) 300 PC7300 300 GA300	300 • PZ valve VCZ1-2-3-4 X4L/I 400 BCZ4 (1) 400 BC8 (1) 400 PCZ500 400 GA500	400 • R and all the condensate 500 BCZ4 (1) 500 BC8 (1) 500 PCZ500 GA500	500 • e collection trays. 7 BC2 7 BC2 7 C6	700 • 24 (1) 00 8 (1) 00 00 00 000 000	900 900 BCZ4(1) 900 BC9 (1) 900 PCZ1000 900 GA800	950 950 BCZ4 (1) 950 BC9 (1) 950 PCZ1000 950 GA800
Condensate drainage Model SC4(1) D) DSC4 cannot be mounted if even justoned installation. Ver HP HP For horizontal installation. Panel closing the rear of to ver H,HP,HT For ille also applicable for inverse if even in H,HP,HT Metal supports for GA griver in H,HP,HT Metal supports for GA griver in H,HP,HT	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1) the unit 200 PCZ200 floor installation 200 GA200 ille 200	200 So installed: AMP - AMF 300 BCZ4 (1) 300 BC8 (1) 300 PCZ300 300 GA300	300 • PZ valve VCZ1-2-3-4 X4L/I 400 BCZ4 (1) 400 BC8 (1) 400 PCZ500 400 GA500	400 • R and all the condensate 500 BCZ4 (1) 500 BC8 (1) 500 PCZ500 6A500	500 • e collection trays. 7 BC2 7 BC2 7 C6	700 • 24 (1) 00 8 (1) 00 7800 00 18800	900 900 BCZ4(1) 900 BC9 (1) 900 PCZ1000 900 GA800	950 950 BCZ4 (1) 950 BC9 (1) 950 PCZ1000 950 GA800
Condensate drainage Model DSC4(1) 1) DSC4 cannot be mounted if even just Condensate drip Ver HP 1) For vertical installation. Ver HP 1) For horizontal installation. Panel closing the rear of to Ver H,HP,HT Grille also applicable for to Ver H,HP,HT Metal supports for GA gri Ver H,HP,HT Metal supports for GA gri Ver H,HP,HT	Ver HP t one of these accessories is al 200 BC74 (1) 200 BC8 (1) the unit 200 PCZ200 floor installation 200 GA200 ille 200 FIKIT200	200 Soo installed: AMP - AMF 300 BCZ4(1) 300 BCS (1) 300 PCZ300 300 GA300 FIKIT300	300 • 27 valve VCZ1-2-3-4 X4L/I 400 BCZ4 (1) 400 BC8 (1) 400 PCZ500 400 GA500 FIKIT500	400 • R and all the condensate 500 BCZ4 (1) 500 BC8 (1) 500 PCZ500 6A500 FIKIT500	500 • e collection trays. 7 BC2 7 BC2 7 FC	700 	900	950 950 BCZ4 (1) 950 BC9 (1) 950 PCZ1000 950 GA800 FIKIT800
Condensate drainage Model ISC4(1) 1) DSC4 cannot be mounted if even just Condensate drip Ver HP 1) For vertical installation. Ver HP 1) For horizontal installation. Panel closing the rear of to Ver H,HP,HT Sorille also applicable for 1 Ver H,HP,HT Metal supports for GA gri Ver H,HP,HT Metal supports for GA gri Ver H,HP,HT	Ver	200 So installed: AMP - AMF 300 BCZ4 (1) 300 BC8 (1) 300 PCZ300 300 GA300 FIKIT300	300 - PZ valve VCZ1-2-3-4 X4L/I 400 BCZ4 (1) 400 BC8 (1) 400 PCZ500 400 GA500 FIKIT500	400 • R and all the condensate 500 BCZ4 (1) 500 BC8 (1) 500 PCZ500 500 GA500 FIKIT500	500 • e collection trays. 7 BC2 7 BC3 7 FC4 7 FIKI	700 	900	950 950 BCZ4 (1) 950 BC9 (1) 950 PCZ1000 950 GA800 FIKIT800
Condensate drainage Model MSC4 (1) DSC4 cannot be mounted if even just Condensate drip Ver HP To For vertical installation. Ver HP To For horizontal installation. Panel closing the rear of to Ver H,HP,HT Wer H,HP,HT Metal supports for GA gri Ver H,HP,HT	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1) the unit 200 PCZ200 floor installation 200 GA200 FIKIT200 CHF22	200 Soo installed: AMP - AMF 300 BCZ4(1) 300 BCS (1) 300 PCZ300 300 GA300 FIKIT300	300 • 27 valve VCZ1-2-3-4 X4L/I 400 BCZ4 (1) 400 BC8 (1) 400 PCZ500 400 GA500 FIKIT500	400 • R and all the condensate 500 BCZ4 (1) 500 BC8 (1) 500 PCZ500 6A500 FIKIT500	500 • e collection trays. 7 BC2 7 BC3 7 FC4 7 FIKI	700 	900	950 950 BC24 (1) 950 BC9 (1) 950 PCZ1000 950 GA800 FIKIT800
Condensate drainage Model ISC4(1) 1) DSC4 cannot be mounted if even just Condensate drip Ver HP 1) For vertical installation. Ver HP 1) For horizontal installation. Panel closing the rear of to Ver H,HP,HT Grille also applicable for to Ver H,HP,HT Metal supports for GA gri Ver H,HP,HT	Ver	200 - Iso installed: AMP - AMF 300 BCZ4 (1) 300 BC8 (1) 300 PCZ300 300 GA300 FIKIT300 300 CHF32	300	400 R and all the condensate 500 BCZ4 (1) 500 BC8 (1) 500 PCZ500 FIKIT500 500 CHF42	500 • e collection trays. 7 BC2 7 BC3 7 CF	700	900	950 950 BCZ4 (1) 950 BC9 (1) 950 PCZ1000 950 GA800 FIKIT800 950 CHF62
Condensate drainage Model DSC4(1) 1) DSC4 cannot be mounted if even jus Condensate drip Ver HP 1) For vertical installation. Ver HP 1) For horizontal installation. Panel closing the rear of to Ver H,HP,HT Stille also applicable for 1 Ver H,HP,HT Metal supports for GA gri Ver H,HP,HT Metal supports for GA gri Ver H,HP,HT	Ver HP t one of these accessories is al 200 BCZ4 (1) 200 BC8 (1) the unit 200 PCZ200 floor installation 200 GA200 FIKIT200 CHF22	200 So installed: AMP - AMF 300 BCZ4 (1) 300 BC8 (1) 300 PCZ300 300 GA300 FIKIT300	300 - PZ valve VCZ1-2-3-4 X4L/I 400 BCZ4 (1) 400 BC8 (1) 400 PCZ500 400 GA500 FIKIT500	400 • R and all the condensate 500 BCZ4 (1) 500 BC8 (1) 500 PCZ500 500 GA500 FIKIT500	500 • e collection trays. 7 BC2 7 BC2 7 CF	700 	900	950 950 BCZ4 (1) 950 BC9 (1) 950 PCZ1000 950 GA800 FIKIT800

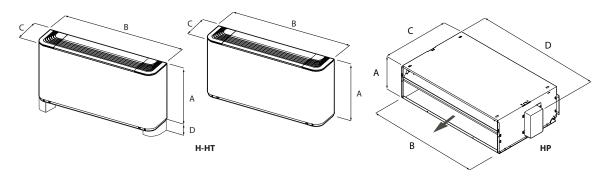
www.aermec.com FCZI-H_Y_UN50_01

PERFORMANCE SPECIFICATIONS

		FCZI200H		FCZI300H		ı	CZI400	Н	FCZI500H		ı	CZ1700	Н	FCZI900H			I	FCZI950	H			
		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	l/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																						
Туре	type										(Centrifug	al									
Fan motor	type											Inverter										
Number	no.		1			2			2			2			3			3			3	
Air flow rate	m³/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	7	8	14	5	7	13	5	10	18	7	10	19	30	40	80	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	56	72	90
Diametre hydraulic fittings																						
Туре	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	50,0	57,0	62,0	51,0	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	43,0	49,0	54,0
Power supply																						
Power supply											2	30V~50I	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	700	900	950
Dimensions and weights									
Α.	H,HT	mm	486	486	486	486	486	591	591
A	HP	mm	216	216	216	216	216	216	216
D	H,HT	mm	750	980	1200	1200	1320	1320	1320
В	HP	mm	522	753	973	973	1122	1122	1122
(H,HT	mm	220	220	220	220	220	220	220
	HP	mm	453	453	453	453	453	558	558
D	H,HT	mm	90	90	90	90	90	90	90
U	HP	mm	562	793	1013	1013	1147	1147	1147
Emptyweight	H,HT	kg	15	17	22	22	29	34	34
Empty weight	HP	kg	12	14	20	23	26	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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