FCZ

Fan coil for universal and floor installation

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

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



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

Metallic micro-perforated cabinet with rustproofing polyester paint RAL 9003. Head with plastic air distribution grille RAL 7047.
Depending on the version, the distribution grille may be adjustable.

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 augers for easy, effective cleaning

Finned pack heat exchanger

With copper pipes and aluminium louvers, the standard or oversized heat exchanger and the possible secondary heat exchanger 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 heat exchanger, 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

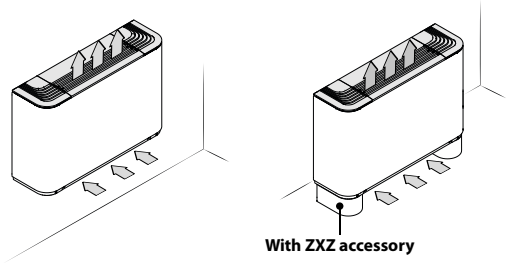
Air filter class Coarse 25% for all versions easy to pull out and clean.
In the APC version, air purification is guaranteed by the Cold Plasma purifier.

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.

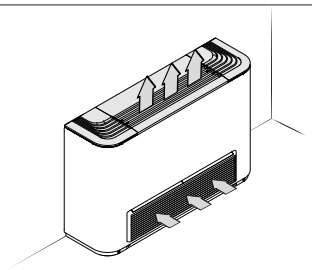
VERSIONS

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 without built-in command
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

Versions with fixed grille (high cabinet)

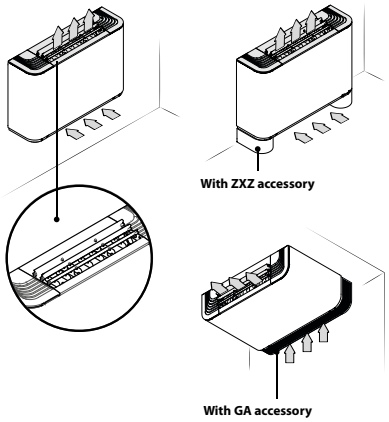


FCZ_A
— With built-in selector.
FCZ_AS
— Compatibility with VMF system.
— Without installed switch
FCZ_ACT
— With electronic thermostat for 2-pipe systems only.
FCZ_APC
— With electronic thermostat for 2-pipe systems only.
— Cold Plasma purifier

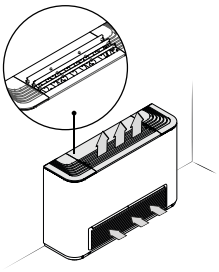


FCZ_AF
— Without installed switch
— Compatibility with VMF system.
— Front intake grille.

Versions with adjustable and fixed grille (universal)



FCZ_U
— Compatibility with VMF system.
— Without installed switch
— Distribution grille with adjustable louvers. 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_UA
— Compatibility with VMF system.
— Without installed switch
— Air distribution grille with fixed louvers.
— 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 louvers.
— Front intake grille.

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 heat exchanger**
	0	Standard
	5	Oversized
6		**Secondary heat exchanger**
	0	Without exchanger
	1	Standard
	2	Oversized (on request only)
7		**Version**
		Only vertical installation.
	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	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)																					
Versions available (by size)	A,AS,U,UA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	ACT,APC	•	-	-	•	•	-	-	•	•	-	-	•	•	-	-	•	•	-	-	•
	AF,UF	•	-	-	•	•	-	-	•	•	-	-	•	•	-	-	•	•	-	-	•

Size		600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
Versions produced (by size)																		
Versions available (by size)	A,AS,U,UA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	ACT,APC	•	-	-	•	•	-	-	•	•	-	-	•	•	-	•	•	-
	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.
DSKT: Thermostat with an easy-to-read light display that provides clear information on room temperature, programming settings and more. Thanks to the ergonomic ring nut switch, adjusting the desired temperature is very easy. The knob allows precise and immediate adjustments, offering a classic but highly effective control mode. Not only functional, but also aesthetically pleasing. Our thermostat features a modern, compact design that fits perfectly in any environment, adding a touch of style to your home or office.
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. In case you decide to install Aermec thermostats and current absorbed by the unit exceeds 0.7 A, you're obliged to include SIT3 accessory.
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.
TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors for 2/4 pipe. 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 for 2/4 pipe. 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.
WMT16: Electronic thermostat with thermostated ventilation.
WMT16CV: Electronic thermostat with continuous ventilation.

AerSuite

The AerSuite application is used to remotely control the DI24 user interface, with VMF-E19/VMF-E19I thermostats, using Smart Devices with iOS and Android operating systems.
This is an application for Smartphones and Tablets with which the user can access and control the system operation remotely.
For more information about the use of the application and the available functions, refer to the respective documentation on the website.



VMF system

DI24: Flush-mounted interface (503 box) with 2.4" touch screen display to be combined with VMF-E19, VMF-E19I accessories. It allows you to regulate and monitor the temperature inside rooms precisely and on time; in addition to accessing and interacting with your system's operating information, parameters and alarms, it allows you to set time slots. Thanks to its Wi-Fi connection, DI24 in combination with the AerSuite APP (available for Android and iOS) can also be remotely controlled. All programming and most functions are done in a simple and intuitive way using the APP. To allow for customization of the interface so that it seamlessly integrates with the style of any home, DI24 is compatible with switch plates from major brands available on the market. For more information, please refer to our documentation. However, a switch plate with its graphite gray support, DI24CP, is also available as a separate accessory in our catalog.
DI24CP: Complete flush-mounted interface plate with support for DI24, Vimar brand, Arké series, graphite gray color.
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-E19 and VMF-E19I accessory.
VMF-E3: Wall-mounted user interface, also controllable via 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 PANTONE COOL GRAY 1C.
VMF-E6: Wall user interface.
VMF-SW: Water probe (L = 2.5m) used if required in place of the standard unit supplied with the VMF-E19 and VMF-E19I thermostats for mounting it upstream of the valve.
VMF-SW1: Additional water probe (L = 2.5m) to be used if required for 4-pipe systems with the VMF-E19 and VMF-E19I thermostats for maximum control in the cold range
VMHI: The VMHI panel can be used as a user interface. What determines the function to be performed by the user interface is determined by its correct parametrisation and by following the electrical connections between interface and thermostat or interface and plenum.

Water valves

VCZ_X: 3-way valve kit for single-coil fan coil, RH connections, (VCZ_X4R) or LH (VCZ_X4L) 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 for the main coil. The kit includes the valve with insulating shell, the actuator and the hydraulic fittings. It is compatible with installation on fan coils with hydraulic connections both on the left and on the right. In combination with the condensate basins BCZ5 and BCZ6, the insulating shell can be removed to facilitate the housing of the valve assembly.
VCF44 - 45 - for secondary heat exchanger: The 3-way motorised valve kit for the secondary coil heat only. 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.

(Heating only) additional coil

BV: Hot water heat exchanger with 1 row.
RX: Armoured electric coil with safety thermostat.

Installation accessories

PCZ: Metal panel for the unit rear closing. SPCZ brackets are necessary to fix floor standing fan coils.
GA: Lower intake grille for encapsulated fan coils. Can also be used in wall-mounted or floor installations, the FIKIT accessory is needed only in the case of floor installation.
FIKIT: Structural bracket in floor installation.
DSCZ4: Condensate drainage device.
BCZ: Condensate drip. If the valve is paired with the BCZ5 or BCZ6 condensate drip tray, the insulating shell can be removed to ensure better housing.
AMP: Wall mounting kit

ACCESSORIES COMPATIBILITY

Control panels

Model	Ver	100	101	102	150	200	201	202	250
AER503IR (1)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
DSKT (2)	AF,AS,UF	•	•	•	•	•	•	•	•
PX2Z	AF,UF	•			•	•			•
	AS,U	•	•	•	•	•	•	•	•
SA5 (3)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
SIT3 (4)	AS,U,UA	•	•	•	•	•	•	•	•
SIT5 (5)	AS,U,UA	•	•	•	•	•	•	•	•
SW3 (3)	AF,AS,UF	•			•	•			•
	U,UA	•	•	•	•	•	•	•	•
SW5 (3)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
T-TOUCH (6)	AF,UF	•			•	•			•
	AS,U	•	•	•	•	•	•	•	•
TX (7)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
TXB (6)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
WMT10 (7)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
WMT16 (7)	AF,AS,U,UA,UF	•			•	•			•
WMT16CV (7)	AF,UF	•			•	•			•
	AS,U	•	•	•	•	•	•	•	•

(1) Wall-mount installation.
(2) Compatibility with VMF system.
(3) Probe for AER503IR-TX thermostats, if fitted.
(4) Cards for AER503IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
(5) Probe for AER503IR-TX thermostats, if fitted.
(6) Installation on the fan coil.
(7) Wall-mounting. If the unit intake exceeds 0.7A, or several units need to be managed with a single thermostat, board SIT3 and/or SIT5 is required.

Model	Ver	300	301	302	350	400	401	402	450
AER503IR (1)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
DSKT (2)	AF,AS,UF	•	•	•	•	•	•	•	•
PX2Z	AF,UF	•			•	•			•
	AS,U	•	•	•	•	•	•	•	•
SA5 (3)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
SIT3 (4)	AS,U,UA	•	•	•	•	•	•	•	•
SIT5 (5)	AS,U,UA	•	•	•	•	•	•	•	•
SW3 (3)	AF,AS,UF	•			•	•			•
	U,UA	•	•	•	•	•	•	•	•
SW5 (3)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
T-TOUCH (6)	AF,UF					•			•
	AS,U	•	•	•	•	•	•	•	•

(1) Wall-mount installation.
(2) Compatibility with VMF system.
(3) Probe for AER503IR-TX thermostats, if fitted.
(4) Cards for AER503IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
(5) Probe for AER503IR-TX thermostats, if fitted.
(6) Installation on the fan coil.
(7) Wall-mounting. If the unit intake exceeds 0.7A, or several units need to be managed with a single thermostat, board SIT3 and/or SIT5 is required.

Model	Ver	300	301	302	350	400	401	402	450
TX (7)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
TXB (6)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
WMT10 (7)	AF,UF	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
WMT16 (7)	AF,AS,U,UA,UF	•			•	•			•
WMT16CV (7)	AF,UF	•			•	•			•
	AS,U	•	•	•	•	•	•	•	•

(1) Wall-mount installation.
(2) Compatibility with VMF system.
(3) Probe for AER503IR-TX thermostats, if fitted.
(4) Cards for AER503IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
(5) Probe for AER503IR-TX thermostats, if fitted.
(6) Installation on the fan coil.
(7) Wall-mounting. If the unit intake exceeds 0.7A, or several units need to be managed with a single thermostat, board SIT3 and/or SIT5 is required.

Model	Ver	500	501	502	550	600	601	602	650
AER503IR (1)	AF,UF	•			•				
	AS,UA	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
DSKT (2)	AF,UF	•	•	•	•		•	•	
	AS	•	•	•	•	•	•	•	•
PX2Z	AF,UF	•			•				
	AS	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
SA5 (3)	AF,UF	•			•				
	AS,UA	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
SIT3 (4)	AS,UA	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
SIT5 (5)	AS,UA	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
SW3 (3)	AF,UF	•			•				
	AS	•			•	•	•	•	•
	U	•	•	•	•		•	•	
	UA	•	•	•	•	•	•	•	•
SW5 (3)	AF,UF	•			•				
	AS,UA	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
T-TOUCH (6)	AF,UF	•			•				
	AS	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
TX (7)	AF,UF	•			•				
	AS,UA	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
TXB (6)	AF,UF	•			•				
	AS,UA	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
WMT10 (7)	AF,UF	•			•				
	AS,UA	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
WMT16 (7)	AF,U,UF	•			•				
	AS,UA	•			•	•			•
WMT16CV (7)	AF,UF	•			•				
	AS	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	

(1) Wall-mount installation.
(2) Compatibility with VMF system.
(3) Probe for AER503IR-TX thermostats, if fitted.
(4) Cards for AER503IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
(5) Probe for AER503IR-TX thermostats, if fitted.
(6) Installation on the fan coil.
(7) Wall-mounting. If the unit intake exceeds 0.7A, or several units need to be managed with a single thermostat, board SIT3 and/or SIT5 is required.

Model	Ver	700	701	702	750	800	801	802	850
AER503IR (1)	AS,UA	•	•	•	•	•	•	•	•
	U		•	•			•	•	
DSKT (2)	AF,UF		•	•			•	•	
	AS	•	•	•	•	•	•	•	•

(1) Wall-mount installation.
(2) Compatibility with VMF system.
(3) Probe for AER503IR-TX thermostats, if fitted.
(4) Cards for AER503IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
(5) Probe for AER503IR-TX thermostats, if fitted.
(6) Installation on the fan coil.
(7) Wall-mounting. If the unit intake exceeds 0.7A, or several units need to be managed with a single thermostat, board SIT3 and/or SIT5 is required.

Model	Ver	700	701	702	750	800	801	802	850
PX2Z	AS	•	•	•	•	•	•	•	•
	U		•	•			•	•	
SA5 (3)	AS,UA	•	•	•	•	•	•	•	•
	U		•	•			•	•	
SIT3 (4)	AS,UA	•	•	•	•	•	•	•	•
	U		•	•			•	•	
SIT5 (5)	AS,UA	•	•	•	•	•	•	•	•
	U		•	•			•	•	
SW3 (3)	AS,UA	•	•	•	•	•	•	•	•
	U		•	•			•	•	
SW5 (3)	AS,UA	•	•	•	•	•	•	•	•
	U		•	•			•	•	
T-TOUCH (6)	AS	•	•	•	•	•	•	•	•
	U		•	•			•	•	
TX (7)	AS,UA	•	•	•	•	•	•	•	•
	U		•	•			•	•	
TXB (6)	AS,UA	•	•	•	•	•	•	•	•
	U		•	•			•	•	
WMT10 (7)	AS,UA	•	•	•	•	•	•	•	•
	U		•	•			•	•	
WMT16 (7)	AS,UA	•			•	•			•
WMT16CV (7)	AS	•	•	•	•	•	•	•	•
	U		•	•			•	•	

(1) Wall-mount installation.
(2) Compatibility with VMF system.
(3) Probe for AER503IR-TX thermostats, if fitted.
(4) Cards for AER503IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
(5) Probe for AER503IR-TX thermostats, if fitted.
(6) Installation on the fan coil.
(7) Wall-mounting. If the unit intake exceeds 0.7A, or several units need to be managed with a single thermostat, board SIT3 and/or SIT5 is required.

Model	Ver	900	901	950	1000	1001
AER503IR (1)	AF,UF			•	•	
	AS,U,UA	•	•	•	•	•
DSKT (2)	AF,AS,UF	•	•	•	•	•
PX2Z	AF,UF				•	
	AS,U	•	•	•	•	•
SA5 (3)	AF,UF			•	•	
	AS,U,UA	•	•	•	•	•
SIT3 (4)	AF,UF				•	
	AS,U,UA	•	•	•	•	•
SIT5 (5)	AF,UF				•	
	AS,U,UA	•	•	•	•	•
SW3 (3)	AF,UF			•	•	
	AS	•	•	•	•	
	U,UA	•	•	•	•	•
SW5 (3)	AF,UF			•	•	
	AS,U,UA	•	•	•	•	•
T-TOUCH (6)	AF,UF	•		•	•	
	AS,U	•	•	•	•	•
TX (7)	AF,UF			•	•	
	AS,U,UA	•	•	•	•	•
TXB (6)	AF,UF	•		•	•	
	AS,U,UA	•	•	•	•	•
WMT10 (7)	AF,UF	•		•	•	
	AS,U,UA	•	•	•	•	•
WMT16 (7)	AF,AS,U,UA,UF	•		•	•	
WMT16CV (7)	AF,UF	•		•	•	
	AS,U	•	•	•	•	•

(1) Wall-mount installation.
(2) Compatibility with VMF system.
(3) Probe for AER503IR-TX thermostats, if fitted.
(4) Cards for AER503IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
(5) Probe for AER503IR-TX thermostats, if fitted.
(6) Installation on the fan coil.
(7) Wall-mounting. If the unit intake exceeds 0.7A, or several units need to be managed with a single thermostat, board SIT3 and/or SIT5 is required.

VMF system

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

VMF system

Model	Ver	100	101	102	150	200	201	202	250	300	301
DI24	AF,AS,U,UA,UF	•			•	•			•	•	

(1) Also the accessory VMF-SIT3V is mandatory if the unit exceeds 0.7 Amperes.

Model	Ver	100	101	102	150	200	201	202	250	300	301
VMF-DSK	AF,UF	•			•	•			•	•	
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E19 (1)	AF,UF	•			•	•			•	•	
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E2Z	AF,UF	•			•	•			•	•	
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E3	AF,UF	•			•	•			•	•	
	U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E4DX	AF,UF	•			•	•			•	•	
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E4X	AF,UF	•			•	•			•	•	
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-IR	AF,UF	•			•	•			•	•	
	U,UA	•	•	•	•	•	•	•	•	•	•
VMF-SW	AF,UF	•			•	•			•	•	
	AS,U	•	•	•	•	•	•	•	•	•	•
VMF-SW1	AF,UF	•			•	•			•	•	
	AS,U	•	•	•	•	•	•	•	•	•	•
VMHI	AF,UF	•			•	•			•	•	
	AS,U,UA	•	•	•	•	•	•	•	•	•	•

(1) Also the accessory VMF-SIT3V is mandatory if the unit exceeds 0.7 Amperes.

Model	Ver	302	350	400	401	402	450	500	501	502	550
DI24	AF,AS,U,UA,UF		•	•			•	•			•
VMF-DSK	AF,UF		•	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E19 (1)	AF,UF		•	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E2Z	AF,UF		•	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E3	AF,UF		•	•			•	•			•
	U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E4DX	AF,UF		•	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-E4X	AF,UF		•	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•	•	•
VMF-IR	AF,UF		•	•			•	•			•
	U,UA	•	•	•	•	•	•	•	•	•	•
VMF-SW	AF,UF		•	•			•	•			•
	AS,U	•	•	•	•	•	•	•	•	•	•
VMF-SW1	AF,UF		•	•			•	•			•
	AS,U	•	•	•	•	•	•	•	•	•	•
VMHI	AF,UF		•	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•	•	•

(1) Also the accessory VMF-SIT3V is mandatory if the unit exceeds 0.7 Amperes.

Model	Ver	600	601	602	650	700	701	702	750	800	801
DI24	AS,UA	•			•	•			•	•	
VMF-DSK	AS,UA	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•
VMF-E19 (1)	AS,UA	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•
VMF-E2Z	AS,UA	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•
VMF-E3	U		•	•			•	•			•
	UA	•	•	•	•	•	•	•	•	•	•
VMF-E4DX	AS,UA	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•
VMF-E4X	AS,UA	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•
VMF-IR	U		•	•			•	•			•
	UA	•	•	•	•	•	•	•	•	•	•
VMF-SW	AS	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•
VMF-SW1	AS	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•
VMHI	AS,UA	•	•	•	•	•	•	•	•	•	•
	U		•	•			•	•			•

(1) Also the accessory VMF-SIT3V is mandatory if the unit exceeds 0.7 Amperes.

Model	Ver	802	850	900	901	950	1000	1001
DI24	AF,U,UF			•		•	•	
	AS,UA		•	•		•	•	
VMF-DSK	AF,UF					•		
	AS,UA	•	•	•	•	•	•	•
	U	•		•	•	•	•	•
VMF-E19 (1)	AF,UF					•		
	AS,UA	•	•	•	•	•	•	•
	U	•		•	•	•	•	•
VMF-E2Z	AF,UF					•		
	AS,UA	•	•	•	•	•	•	•
	U	•		•	•	•	•	•
VMF-E3	AF			•		•		
	U	•		•	•	•	•	•
	UA	•	•	•	•	•	•	•
	UF			•		•	•	
VMF-E4DX	AF,UF					•		
	AS,UA	•	•	•	•	•	•	•
	U	•		•	•	•	•	•
VMF-E4X	AF,UF					•		
	AS,UA	•	•	•	•	•	•	•
	U	•		•	•	•	•	•
VMF-IR	AF			•		•		
	U	•		•	•	•	•	•
	UA	•	•	•	•	•	•	•
	UF			•		•	•	
VMF-SW	AF,UF					•		
	AS	•	•	•	•	•	•	•
	U	•		•	•	•	•	•
VMF-SW1	AF,UF					•		
	AS	•	•	•	•	•	•	•
	U	•		•	•	•	•	•
VMHI	AF,UF					•		
	AS,UA	•	•	•	•	•	•	•
	U	•		•	•	•	•	•

(1) Also the accessory VMF-SIT3V 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 coil	VCZ41 VCZ4124	VCZ41 VCZ4124	VCZ41 VCZ4124	VCZ41 VCZ4124	VCZ41 VCZ4124	VCZ41 VCZ4124	VCZ41 VCZ4124	VCZ41 VCZ4124	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224
Secondary coil	-	VCF44 VCF4424	VCF44 VCF4424	-	-	VCF44 VCF4424	VCF44 VCF4424	-	-	VCF44 VCF4424	VCF44 VCF4424	-	-	VCF44 VCF4424	VCF44 VCF4424	-
Additional coil "BV"	VCF44 VCF4424	-	-	-	VCF44 VCF4424	-	-	-	VCF44 VCF4424	-	-	-	VCF44 VCF4424	-	-	-

	500	501	502	550	600	601	602	650	700	701	702	750	800	801	802	850
Main coil	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224	VCZ42 VCZ4224
Secondary coil	-	VCF44 VCF4424	VCF44 VCF4424	-	-	VCF44 VCF4424	VCF44 VCF4424	-	-	VCF44 VCF4424	VCF44 VCF4424	-	-	VCF44 VCF4424	VCF44 VCF4424	-
Additional coil "BV"	VCF44 VCF4424	-	-	-	VCF44 VCF4424	-	-	-	VCF44 VCF4424	-	-	-	VCF44 VCF4424	-	-	-

	900	901	950	1000	1001
Main coil	VCZ43 VCZ4324	VCZ43 VCZ4324	VCZ43 VCZ4324	VCZ43 VCZ4324	VCZ43 VCZ4324
Secondary coil	-	VCF45 VCF4524	-	-	VCF45 VCF4524
Additional coil "BV"	VCF45 VCF4524	-	-	VCF45 VCF4524	-

2 way valve kit

	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450
Main coil	VCZD1 VCZD124	VCZD1 VCZD124	VCZD1 VCZD124	VCZD1 VCZD124	VCZD1 VCZD124	VCZD1 VCZD124	VCZD1 VCZD124	VCZD1 VCZD124	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224
Secondary coil	-	VCFD4 VCFD424	VCFD4 VCFD424	-	-	VCFD4 VCFD424	VCFD4 VCFD424	-	-	VCFD4 VCFD424	VCFD4 VCFD424	-	-	VCFD4 VCFD424	VCFD4 VCFD424	-
Additional coil "BV"	VCFD4 VCFD424	-	-	-	VCFD4 VCFD424	-	-	-	VCFD4 VCFD424	-	-	-	VCFD4 VCFD424	-	-	-

	500	501	502	550	600	601	602	650	700	701	702	750	800	801	802	850
Main coil	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224	VCZD2 VCZD224
Secondary coil	-	VCFD4 VCFD424	VCFD4 VCFD424	-	-	VCFD4 VCFD424	VCFD4 VCFD424	-	-	VCFD4 VCFD424	VCFD4 VCFD424	-	-	VCFD4 VCFD424	VCFD4 VCFD424	-
Additional coil "BV"	VCFD4 VCFD424	-	-	-	VCFD4 VCFD424	-	-	-	VCFD4 VCFD424	-	-	-	VCFD4 VCFD424	-	-	-

	900	901	950	1000	1001
Main coil	VCZD3 VCZD324	VCZD3 VCZD324	VCZD3 VCZD324	VCZD3 VCZD324	VCZD3 VCZD324
Secondary coil	-	VCFD4 VCFD424	-	-	VCFD4 VCFD424
Additional coil "BV"	VCFD4 VCFD424	-	-	VCFD4 VCFD424	-

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

Model	Ver	100	101	102	150	200	201	202	250
VCZ1X4L (1)	AF,AS,U,UA,UF	•			•	•			•
VCZ1X4R (1)	AF,AS,U,UA,UF	•			•	•			•

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

Model	Ver	300	301	302	350	400	401	402	450
VCZ2X4L (1)	AF,AS,U,UA,UF	•			•	•			•
VCZ2X4R (1)	AF,AS,U,UA,UF	•			•	•			•

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

Model	Ver	500	501	502	550	600	601	602	650
VCZ2X4L (1)	AF,U,UF	•			•				
	AS,UA	•			•	•			•
VCZ2X4R (1)	AF,U,UF	•			•				
	AS,UA	•			•	•			•

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

Model	Ver	700	701	702	750	800	801	802	850
VCZ2X4L (1)	AS,UA	•			•	•			•
VCZ2X4R (1)	AS,UA	•			•	•			•

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

Model	Ver	900	901	950	1000	1001
VCZ3X4L (1)	AF,AS,U,UA,UF	•		•	•	
VCZ3X4R (1)	AF,AS,U,UA,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	100	101	102	150	200	201	202	250
VJP060 (1)	ACT,APC	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•
VJP060M (2)	ACT,APC	•			•	•			•
	AS,U,UA	•	•	•	•	•	•	•	•

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

Model	Ver	300	301	302	350	400	401	402	450
VJP060 (1)	ACT,APC	•			•				
	AS,U,UA	•	•	•	•				
VJP060M (2)	ACT,APC	•			•				
	AS,U,UA	•	•	•	•				
VJP090 (1)	ACT,APC					•			•
	AS,U,UA					•	•	•	•
VJP090M (2)	ACT,APC					•			•
	AS,U,UA					•	•	•	•

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

Model	Ver	500	501	502	550	600	601	602	650
VJP090 (1)	ACT,APC	•			•	•			•
	AS,UA	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
VJP090M (2)	ACT,APC	•			•	•			•
	AS,UA	•	•	•	•	•	•	•	•
	U	•	•	•	•		•	•	
VJP150 (1)	ACT,APC					•			•
	AS,UA					•	•	•	•
	U						•	•	
VJP150M (2)	ACT,APC					•			•
	AS,UA					•	•	•	•
	U						•	•	

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

Model	Ver	700	701	702	750	800	801	802	850
VJP150 (1)	ACT,APC	•			•	•			•
	AS,UA	•	•	•	•	•	•	•	•
	U		•	•			•	•	
VJP150M (2)	ACT,APC	•			•	•			•
	AS,UA	•	•	•	•	•	•	•	•
	U		•	•			•	•	

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

Model	Ver	900	901	950	1000	1001
VJP150 (1)	ACT,APC	•		•	•	
	AS,U,UA	•	•	•	•	•
VJP150M (2)	ACT,APC	•		•	•	
	AS,U,UA	•	•	•	•	•

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

(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					•			

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

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					•			

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

Model	Ver	500	501	502	550	600	601	602	650
BV142 (1)	A,AF,AS,U,UA,UF	•							
BVZ800 (1)	A,AS,UA					•			

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

Model	Ver	700	701	702	750	800	801	802	850
BVZ800 (1)	A,AS,UA	•				•			

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

Model	Ver	900	901	950	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					•			

(1) Requires a thermostat with heater management. Not available for sizes with an oversized main coil. The PCR1 PCR2 or PCR1V appliance must also be provided depending on the unit.

Model	Ver	300	301	302	350	400	401	402	450
RX32 (1)	AF,AS,U,UA,UF	•							
RX42 (1)	AF,AS,U,UA,UF					•			

(1) Requires a thermostat with heater management. Not available for sizes with an oversized main coil. The PCR1 PCR2 or PCR1V appliance must also be provided depending on the unit.

Model	Ver	500	501	502	550	600	601	602	650
RX52 (1)	AF,AS,U,UA,UF	•							
RXZ800 (1)	AS,UA					•			

(1) Requires a thermostat with heater management. Not available for sizes with an oversized main coil. The PCR1 PCR2 or PCR1V appliance must also be provided depending on the unit.

Model	Ver	700	701	702	750	800	801	802	850
RXZ800 (1)	AS,UA	•				•			

(1) Requires a thermostat with heater management. Not available for sizes with an oversized main coil. The PCR1 PCR2 or PCR1V appliance must also be provided depending on the unit.

Model	Ver	900	901	950	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. The PCR1 PCR2 or PCR1V appliance must also be provided depending on the unit.

Installation accessories

Wall mounting kit

Ver	100	101	102	150	200	201	202	250
U, UA	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20
UF	AMP20	-	-	AMP20	AMP20	-	-	AMP20

The accessory cannot be fitted on the configurations indicated with -

Ver	300	301	302	350	400	401	402	450
U, UA	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20
UF	AMP20	-	-	AMP20	AMP20	-	-	AMP20

The accessory cannot be fitted on the configurations indicated with -

Ver	500	501	502	550	600	601	602	650
U	AMP20	AMP20	AMP20	AMP20	-	AMPZ	AMPZ	-
UA	AMP20	AMP20	AMP20	AMP20	AMPZ	AMPZ	AMPZ	AMPZ
UF	AMP20	-	-	AMP20	-	-	-	-

The accessory cannot be fitted on the configurations indicated with -

Ver	700	701	702	750	800	801	802	850
U	-	AMPZ	AMPZ	-	-	AMPZ	AMPZ	-
UA	AMPZ	AMPZ	AMPZ	AMPZ	AMPZ	AMPZ	AMPZ	AMPZ

Ver	900	901	950	1000	1001
U, UA	AMPZ	AMPZ	AMPZ	AMPZ	AMPZ

Condensate recirculation device

Model	Ver	100	101	102	150	200	201	202	250
DSCZ4 (1)	A,AS,U,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•

(1) DSCZ4 due to space problems inside the unit, the VCZ1-2-3-4 X4L/R valves cannot be mounted together with the amp/AMPZ accessories, with all the condensate collection trays. With the VMF-E19/E19I thermostats, please contact the head office.

Model	Ver	300	301	302	350	400	401	402	450
DSCZ4 (1)	A,AS,U,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•

(1) DSCZ4 due to space problems inside the unit, the VCZ1-2-3-4 X4L/R valves cannot be mounted together with the amp/AMPZ accessories, with all the condensate collection trays. With the VMF-E19/E19I thermostats, please contact the head office.

Model	Ver	500	501	502	550	600	601	602	650
DSCZ4 (1)	A,AS,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
	U	•	•	•	•		•	•	

(1) DSCZ4 due to space problems inside the unit, the VCZ1-2-3-4 X4L/R valves cannot be mounted together with the amp/AMPZ accessories, with all the condensate collection trays. With the VMF-E19/E19I thermostats, please contact the head office.

Model	Ver	700	701	702	750	800	801	802	850
DSCZ4 (1)	A,AS,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
	U		•	•			•	•	

(1) DSCZ4 due to space problems inside the unit, the VCZ1-2-3-4 X4L/R valves cannot be mounted together with the amp/AMPZ accessories, with all the condensate collection trays. With the VMF-E19/E19I thermostats, please contact the head office.

Model	Ver	900	901	950	1000	1001
DSCZ4 (1)	A,AS,U,UA	•	•	•	•	•
	ACT,APC	•		•	•	

(1) DSCZ4 due to space problems inside the unit, the VCZ1-2-3-4 X4L/R valves cannot be mounted together with the amp/AMPZ accessories, with all the condensate collection trays. With the VMF-E19/E19I thermostats, please contact the head office.

Condensate drip

Model	Ver	100	101	102	150	200	201	202	250
BCZ4 (1)	A,AS,U,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
BCZ5 (2)	A,AS,U,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•

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

Model	Ver	300	301	302	350	400	401	402	450
BCZ4 (1)	A,AS,U,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
BCZ5 (2)	A,AS,U,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•

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

Model	Ver	500	501	502	550	600	601	602	650
BCZ4 (1)	A,AS,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
	U	•	•	•	•		•	•	
BCZ5 (2)	A,AS,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
	U	•	•	•	•		•	•	

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

Model	Ver	700	701	702	750	800	801	802	850
BCZ4 (1)	A,AS,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
	U		•	•			•	•	
BCZ5 (2)	A,AS,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
	U		•	•			•	•	

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

Model	Ver	900	901	950	1000	1001
BCZ4 (1)	A,AS,U,UA	•	•	•	•	•
	ACT,APC	•		•	•	
BCZ6 (2)	A,AS,U,UA	•	•	•	•	•
	ACT,APC	•		•	•	

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

Panel closing the rear of the unit

Model	Ver	100	101	102	150	200	201	202	250
PCZ100	A,AS,U,UA	•	•	•	•				
	ACT,APC	•			•				
PCZ200	A,AS,U,UA					•	•	•	•
	ACT,APC					•			•

Model	Ver	300	301	302	350	400	401	402	450
PCZ300	A,AS,U,UA	•	•	•	•				
	ACT,APC	•			•				
PCZ500	A,AS,U,UA					•	•	•	•
	ACT,APC					•			•

Model	Ver	500	501	502	550	600	601	602	650
PCZ500	A,AS,U,UA	•	•	•	•				
	ACT,APC	•			•				
PCZ800	A,AS,UA					•	•	•	•
	ACT,APC					•			•
	U						•	•	

Model	Ver	700	701	702	750	800	801	802	850
PCZ800	A,AS,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
	U		•	•			•	•	

Model	Ver	900	901	950	1000	1001
PCZ1000	A,AS,U,UA	•	•	•	•	•
	ACT,APC	•		•	•	

Lower intake 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	Ver	900	901	950	1000	1001
GA800	U,UA	•	•	•	•	•

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

Model	Ver	100	101	102	150	200	201	202	250
FIKIT100	A,AS,U,UA	•	•	•	•				
	ACT,AF,APC,UF	•			•				
FIKIT200	A,AS,U,UA					•	•	•	•
	ACT,AF,APC,UF					•			•

Model	Ver	300	301	302	350	400	401	402	450
FIKIT300	A,AS,U,UA	•	•	•	•				
	ACT,AF,APC,UF	•			•				
FIKIT500	A,AS,U,UA					•	•	•	•
	ACT,AF,APC,UF					•			•

Model	Ver	500	501	502	550	600	601	602	650
FIKIT500	A,AS,U,UA	•	•	•	•				
	ACT,AF,APC,UF	•			•				
FIKIT800	A,AS,UA					•	•	•	•
	ACT,APC					•			•
	U						•	•	

Model	Ver	700	701	702	750	800	801	802	850
FIKIT800	ACT,APC	•			•	•			•
	U		•	•			•	•	
	UA	•	•	•	•	•	•	•	•

Model	Ver	900	901	950	1000	1001
FIKIT800	A,AS,U,UA	•	•	•	•	•
	ACT,AF,APC,UF	•		•	•	

Pair of stylish 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,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
	U	•	•	•	•		•	•	

Model	Ver	700	701	702	750	800	801	802	850
ZXZ	A,AS,UA	•	•	•	•	•	•	•	•
	ACT,APC	•			•	•			•
	U		•	•			•	•	

Model	Ver	900	901	950	1000	1001
ZXZ	A,AS,U,UA	•	•	•	•	•
	ACT,APC	•		•	•	

PERFORMANCE SPECIFICATIONS

2-pipe

		FCZ100			FCZ150			FCZ200			FCZ250			FCZ300			FCZ350			FCZ400			FCZ450			FCZ500			FCZ550		
		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	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
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	l/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	l/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	l/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																															
Type	type	Centrifugal																													
Fan motor	type	Asynchronous																													
Number	no.	1			1			1			1			2			2			2			2			2			2		
Air flow rate	m^3/h	110	160	200	110	160	200	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	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	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)	31,0	38,0	45,0	31,0	38,0	45,0	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 level	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 heat exchanger	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	V/Ph/Hz	230V~50Hz																													

		FCZ600			FCZ650			FCZ700			FCZ750			FCZ800			FCZ850			FCZ900			FCZ950			FCZ1000		
		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	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Heating performance 70 °C / 60 °C (1)																												
Heating capacity	kW	6,50	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	l/h	570	710	877	631	802	1.008	710	860	964	798	991	1.096	859	947	1.052	991	1.083	1.227	945	1.171	1.328	982	1.264	1.500	1.101	1.337	1.493
Pressure drop system side	kPa	12	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	3,32	4,03	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	l/h	561	699	863	621	790	993	699	846	950	786	975	1.079	846	932	1.036	975	1.066	1.209	930	1.152	1.307	967	1.245	1.476	1.084	1.316	1.469
Pressure drop system side	kPa	12	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	3,22	3,90	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	4,29	5,00	6,91	5,77	7,32	8,60	5,69	6,88	7,62
Sensible cooling capacity	kW	2,56	3,17	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	5,34	5,53
Water flow rate system side	l/h	554	671	800	595	825	975	675	841	946	734	918	1.056	833	974	1.049	904	1.082	1.189	738	860	1.189	992	1.259	1.479	979	1.183	1.311
Pressure drop system side	kPa	14	19	26	15	21	28	16	24	30	10	14	18	20	26	30	22	30	36	10	12	22	15	22	30	22	31	36
Fan																												
Type	type	Centrifugal																										
Fan motor	type	Asynchronous																										
Number	no.	3			3			3			3			3			3			3			3			3		
Air flow rate	m^3/h	520	720	920	520	720	920	700	930	1140	700	930	1140	900	1120	1300	900	1120	1300	700	930	1140	700	930	1140	900	1120	1300
Input power	W	38	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		V1	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)	42,0	51,0	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 level	dB(A)	34,0	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 heat exchanger	Ø	3/4"																										
Power supply																												
Power supply	V/Ph/Hz	230V~50Hz																										

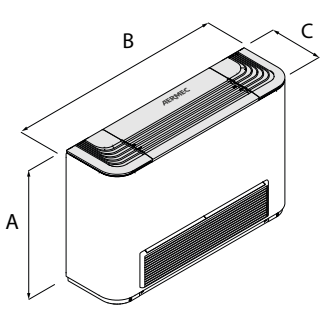
(1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20°C d.b.; Water (in/out) 45°C/40°C; EUROVENT (listing FCU AERMEC 2025)
(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT (listing FCU AERMEC 2025)
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

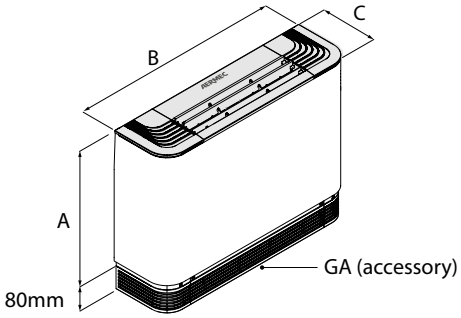
4-pipe

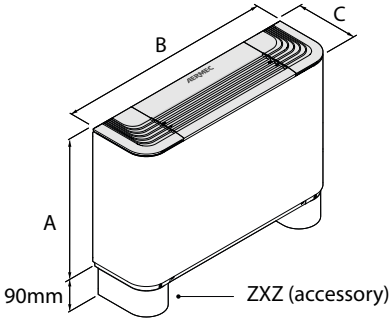
		FCZ101			FCZ201			FCZ301			FCZ401			FCZ501			FCZ601			FCZ701			FCZ801			FCZ901			FCZ1001		
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Heating performance 65 °C / 55 °C (1)																															
Heating capacity	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	l/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	l/h	112	144	172	153	221	275	288	374	456	379	503	619	460	634	731	554	671	800	675	841	946	833	974	1.049	738	860	1.189	979	1.183	1.311
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																															
Type	type	Centrifugal																													
Fan motor	type	Asynchronous																													
Number	no.	1			1			2			2			2			3			3			3			3			3		
Air flow rate	m^3/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	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 (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 level	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 heat exchanger	Ø	1/2"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"		
Secondary heat exchanger	Ø	1/2"																													
Power supply																															
Power supply	V/Ph/Hz	230V~50Hz																													

(1) Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT (listing FCU AERMEC 2025)
(2) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT (listing FCU AERMEC 2025)
(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
B	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
B	mm	1200	1200	1200	1200	1320	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	FCZ901	FCZ950	FCZ1000	FCZ1001
Dimensions and weights						
A	mm	591	591	591	591	591
B	mm	1320	1320	1320	1320	1320
C	mm	220	220	220	220	220
Empty weight	kg	34	34	34	34	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.

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

