

# 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

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

#### Heat exchanger coil

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

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

#### Condensate drip

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

#### Air filter

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

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

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

### VERSIONS

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

**ACT** High, with air distribution grille and electronic thermostat

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

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

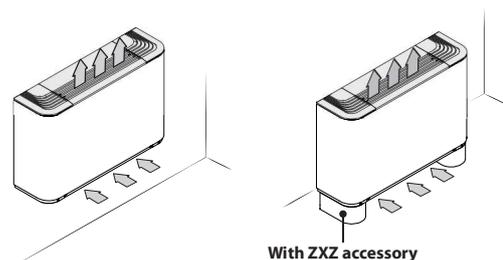
**AS** High, with air distribution grille without built-in command

**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**

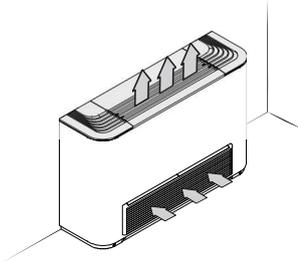
— Compatibility with VMF system.  
 — Without installed switch

**FCZ\_ACT**

— With electronic thermostat for 2-pipe systems only.

**FCZ\_APC**

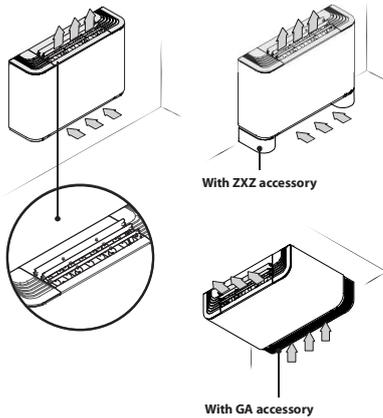
— With electronic thermostat for 2-pipe systems only.  
 — Cold Plasma purifier



**FCZ\_AF**

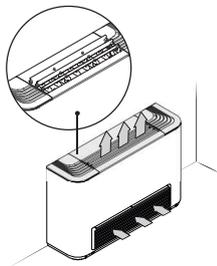
— Without installed switch  
 — Compatibility with VMF system.  
 — Front intake grille.

**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\_UF**

— Compatibility with VMF system.  
 — Without installed switch  
 — Air delivery grille with adjustable louvers.  
 — Front intake grille.

**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.

**ThermApp**

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

**Available for Android operating systems.**



**GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS**

Field	Description
1,2,3	<b>FCZ</b>
4	<b>Size</b> 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
5	<b>Main coil</b>
0	Standard
5	Oversized
6	<b>Secondary coil</b>
0	Without coil
1	Standard
2	Oversized
7	<b>Version</b>
<b>Only vertical installation.</b>	
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
<b>Vertical and horizontal installation.</b>	
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.

**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. The ThermApp application is also available for remote control with smart devices with the Android operating system.

**TX:** Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors 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).

**WMT05:** Electronic thermostat with thermostated ventilation.

**WMT06:** Electronic thermostat with continuous ventilation.

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

### VMF system

**VMF-E0X:** Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

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

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

**VMF-E3:** Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF\_N/M and GLL\_N, can be controlled with VMF-IR control.

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

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

**VMF-IR:** User interface compatible with the AER503IR, VMF-E3 thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

**VMF-SW:** Water probe (L = 2.5m) used if required in place of the standard unit supplied with the VMF-E0X, VMF-E19 and VMF-E19I thermostats for mounting it upstream of the valve

**VMF-SW1:** Additional water probe (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

### 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. 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. If the valve is combined with the BCZ5 or BCZ6 condensate drain pan, to ensure a better housing it is possible to remove the 3-way insulating shell. 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. If the valve is combined with the BCZ5 or BCZ6 condensate drain pan, to ensure a better housing it is possible to remove the insulating shell.

**VCF44 - 45 - for the secondary coil:** 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:** Single row hot water heat exchanger.

**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:** Metal supports for vertical installation of the GA grille.  
**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	*	*	*	*	*	*	*	*
PX2Z	AF,UF	*			*	*			*
	AS,U	*	*	*	*	*	*	*	*
SA5 (2)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*
SIT3 (3)	AS,U,UA	*	*	*	*	*	*	*	*
SIT5 (4)	AS,U,UA	*	*	*	*	*	*	*	*
SW3 (2)	AF,AS,UF	*			*	*			*
	U,UA	*	*	*	*	*	*	*	*
SW5 (2)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*
T-TOUCH (5)	AF,UF	*			*	*			*
	AS,U	*	*	*	*	*	*	*	*
TX (1)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*
TXB (5)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*
WMT05 (1)	AF,AS,U,UA,UF	*			*	*			*
WMT06 (1)	AF,UF	*			*	*			*
	AS,U	*	*	*	*	*	*	*	*
WMT10 (1)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*

Model	Ver	300	301	302	350	400	401	402	450
AER503IR (1)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*
PX2Z	AF,UF	*			*	*			*
	AS,U	*	*	*	*	*	*	*	*
SA5 (2)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*
SIT3 (3)	AS,U,UA	*	*	*	*	*	*	*	
SIT5 (4)	AS,U,UA	*	*	*	*	*	*	*	
SW3 (2)	AF,AS,UF	*			*	*			*
	U,UA	*	*	*	*	*	*	*	*
SW5 (2)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*
T-TOUCH (5)	AF,UF	*			*	*			*
	AS,U	*	*	*	*	*	*	*	*
TX (1)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*
TXB (5)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*
WMT05 (1)	AF,AS,U,UA,UF	*			*	*			*
WMT06 (1)	AF,UF	*			*	*			*
	AS,U	*	*	*	*	*	*	*	*
WMT10 (1)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*

Model	Ver	500	501	502	550	600	601	602	650
AER503IR (1)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*
PX2Z	AF,UF	*			*	*			*
	AS,U	*	*	*	*	*	*	*	*
SA5 (2)	AF,UF	*			*	*			*
	AS,U,UA	*	*	*	*	*	*	*	*
SIT3 (3)	AS,U,UA	*	*	*	*	*	*	*	
SIT5 (4)	AS,U,UA	*	*	*	*	*	*	*	
SW3 (2)	AF,UF	*			*	*			*
	AS	*	*	*	*	*	*	*	*
SW5 (2)	U,UA	*	*	*	*	*	*	*	*
	AF,UF	*			*	*			*
T-TOUCH (5)	AS,U,UA	*	*	*	*	*	*	*	*
	AF,UF	*			*	*			*
T-TOUCH (5)	AS,U	*	*	*	*	*	*	*	*

Model	Ver	500	501	502	550	600	601	602	650
TX (1)	AF,UF	*			*				
	AS,U,UA	*	*	*	*	*	*	*	*
TXB (5)	AF,UF	*			*				
	AS,U,UA	*	*	*	*	*	*	*	*
WMT05 (1)	AF,UF	*			*				
	AS,U,UA	*			*	*			*
WMT06 (1)	AF,UF	*			*				
	AS,U	*	*	*	*	*	*	*	*
WMT10 (1)	AF,UF	*			*				
	AS,U,UA	*	*	*	*	*	*	*	*

Model	Ver	700	701	702	750	800	801	802	850
AER503IR (1)	AS,U,UA	*	*	*	*	*	*	*	*
PX2Z	AS,U	*	*	*	*	*	*	*	*
SA5 (2)	AS,U,UA	*	*	*	*	*	*	*	*
SIT3 (3)	AS,U,UA	*	*	*	*	*	*	*	*
SIT5 (4)	AS,U,UA	*	*	*	*	*	*	*	*
SW3 (2)	AS,U,UA	*	*	*	*	*	*	*	*
SW5 (2)	AS,U,UA	*	*	*	*	*	*	*	*
T-TOUCH (5)	AS,U	*	*	*	*	*	*	*	*
TX (1)	AS,U,UA	*	*	*	*	*	*	*	*
TXB (5)	AS,U,UA	*	*	*	*	*	*	*	*
WMT05 (1)	AS,U,UA	*			*				*
WMT06 (1)	AS,U	*	*	*	*	*	*	*	*
WMT10 (1)	AS,U,UA	*	*	*	*	*	*	*	*

Model	Ver	900	901	950	1000	1001
AER503IR (1)	AF,UF			*	*	
	AS,U,UA	*	*	*	*	*
PX2Z	AF,UF				*	
	AS,U	*	*	*	*	*
SA5 (2)	AF,UF			*	*	
	AS,U,UA	*	*	*	*	*
SIT3 (3)	AF,UF				*	
	AS,U,UA	*	*	*	*	*
SIT5 (4)	AF,UF				*	
	AS,U,UA	*	*	*	*	*
SW3 (2)	AF,UF			*	*	
	AS	*	*	*	*	*
SW5 (2)	AF,UF			*	*	
	AS,U,UA	*	*	*	*	*
T-TOUCH (5)	AF,UF			*	*	
	AS,U	*	*	*	*	*
TX (1)	AF,UF			*	*	
	AS,U,UA	*	*	*	*	*
TXB (5)	AF,UF			*	*	
	AS,U,UA	*	*	*	*	*
WMT05 (1)	AF,AS,U,UA,UF	*		*	*	
WMT06 (1)	AF,UF	*		*	*	
	AS,U	*	*	*	*	*
WMT10 (1)	AF,UF	*		*	*	
	AS,U,UA	*	*	*	*	*

(1) 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.

(2) Probe for AER503IR-TX thermostats, if fitted.

(3) Cards for AER503IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.

(4) Probe for AER503IR-TX thermostats, if fitted.

(5) Installation on the fan coil.

## 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
VMF-E0X (1)	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	*	*	*	*	*	*	*	*	*	*

Model	Ver	100	101	102	150	200	201	202	250	300	301
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	*	*	*	*	*	*	*	*	*	*
Model	Ver	302	350	400	401	402	450	500	501	502	550
VMF-E0X (1)	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	*	*	*	*	*	*	*	*	*	*
Model	Ver	600	601	602	650	700	701	702	750	800	801
VMF-E0X (1)	AS,UA	*	*	*	*	*	*	*	*	*	*
	U		*	*			*	*			*
VMF-E19 (1)	AS,UA	*	*	*	*	*	*	*	*	*	*
	U		*	*			*	*			*
VMF-E2Z	AS,UA	*	*	*	*	*	*	*	*	*	*
	U		*	*			*	*			*
VMF-E3	AF,UF	*			*	*			*	*	
	U,UA	*	*	*	*	*	*	*	*	*	*
VMF-E4DX	AS,UA	*	*	*	*	*	*	*	*	*	*
	U		*	*			*	*			*
VMF-E4X	AS,UA	*	*	*	*	*	*	*	*	*	*
	U		*	*			*	*			*
VMF-IR	AF,UF	*			*	*			*	*	
	U,UA	*	*	*	*	*	*	*	*	*	*
VMF-SW	AS	*	*	*	*	*	*	*	*	*	*
	U		*	*			*	*			*
VMF-SW1	AS	*	*	*	*	*	*	*	*	*	*
	U		*	*			*	*			*
Model	Ver	802	850	900	901	950	1000	1001			
VMF-E0X (1)	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	*		*	*	*	*	*			

Model	Ver	802	850	900	901	950	1000	1001
VMF-IR	AF		•	•		•		
	U,UA	•	•	•	•	•	•	•
	UF		•	•		•	•	
VMF-SW	AF,UF					•		
	AS	•	•	•	•	•	•	•
	U	•		•	•	•	•	•
VMF-SW1	AF,UF					•		
	AS	•	•	•	•	•	•	•
	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
<b>Main coil</b>	VCZ41 VCZ4124	VCZ42 VCZ4224														
<b>Secondary coil</b>	-	VCF44 VCF4424	VCF44 VCF4424	-												
<b>Additional coil "BV"</b>	VCF44 VCF4424	-	-	-												

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

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

### 2 way valve kit

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

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

	900	901	950	1000	1001
<b>Main coil</b>	VCZD3 VCZD324	VCZD3 VCZD324	VCZD3 VCZD324	VCZD3 VCZD324	VCZD3 VCZD324
<b>Secondary coil</b>	-	VCFD4 VCFD424	-	-	VCFD4 VCFD424
<b>Additional coil "BV"</b>	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	•			•	•			•

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

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

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

Model	Ver	900	901	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	.	.	.	.	.	.	.	.

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					.	.	.	.

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

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

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					.			

Model	Ver	300	301	302	350	400	401	402	450
BV132 (1)	A,AF,AS,U,UA,UF	.							
BV142 (1)	A,AF,AS,U,UA,UF					.			

Model	Ver	500	501	502	550	600	601	602	650
BV142 (1)	A,AF,AS,U,UA,UF	.							
BV2800 (1)	A,AS,U,UA					.			

Model	Ver	700	701	702	750	800	801	802	850
BV2800 (1)	A,AS,U,UA	.				.			

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					.			
Model	Ver	300	301	302	350	400	401	402	450
RX32 (1)	AF,AS,U,UA,UF	.							
RX42 (1)	AF,AS,U,UA,UF					.			
Model	Ver	500	501	502	550	600	601	602	650
RX52 (1)	AF,AS,U,UA,UF	.							
RXZ800 (1)	AS,U,UA					.			
Model	Ver	700	701	702	750	800	801	802	850
RXZ800 (1)	AS,U,UA	.				.			
Model	Ver	900	901	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 or PCR2 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							
UF	AMP20	-	-	AMP20	AMP20	-	-	AMP20
Ver	300	301	302	350	400	401	402	450
U,UA	AMP20							
UF	AMP20	-	-	AMP20	AMP20	-	-	AMP20
Ver	500	501	502	550	600	601	602	650
U,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,UA	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	.	.	.	.	.	.	.	.
Model	Ver	300	301	302	350	400	401	402	450
DSCZ4 (1)	A,AS,U,UA	.	.	.	.	.	.	.	.
	ACT,APC	.	.	.	.	.	.	.	.
Model	Ver	500	501	502	550	600	601	602	650
DSCZ4 (1)	A,AS,U,UA	.	.	.	.	.	.	.	.
	ACT,APC	.	.	.	.	.	.	.	.
Model	Ver	700	701	702	750	800	801	802	850
DSCZ4 (1)	A,AS,U,UA	.	.	.	.	.	.	.	.
	ACT,APC	.	.	.	.	.	.	.	.
Model	Ver	900	901	950	1000	1001			
DSCZ4 (1)	A,AS,U,UA	.	.	.	.	.	.	.	.
	ACT,APC	.	.	.	.	.	.	.	.

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

**Condensate drip**

Model	Ver	100	101	102	150	200	201	202	250
BCZ4 (1)	A,AS,U,UA	.	.	.	.	.	.	.	.
	ACT,APC	.	.	.	.	.	.	.	.
BCZ5 (2)	A,AS,U,UA	.	.	.	.	.	.	.	.
	ACT,APC	.	.	.	.	.	.	.	.
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	.	.	.	.	.	.	.	.
Model	Ver	500	501	502	550	600	601	602	650
BCZ4 (1)	A,AS,U,UA	.	.	.	.	.	.	.	.
	ACT,APC	.	.	.	.	.	.	.	.
BCZ5 (2)	A,AS,U,UA	.	.	.	.	.	.	.	.
	ACT,APC	.	.	.	.	.	.	.	.

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

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,U,UA	.	.	.	.	.	.	.	.
	ACT,APC	.	.	.	.	.	.	.	.

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

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,U,UA	.	.	.	.	.	.	.	.
	ACT,APC	.	.	.	.	.	.	.	.

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,U,UA	.	.	.	.	.	.	.	.
	ACT,APC	.	.	.	.	.	.	.	.

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

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	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	Centrifugal																																	
Fan motor	Asynchronous																																	
Number	no.	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
Air flow rate	m <sup>3</sup> /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																								
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	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			
Diameter hydraulic fittings																																		
Main coil	∅	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"				
Power supply	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	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	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	1008	710	860	964	798	991	1096	859	947	1052	991	1083	1227	945	1171	1328	982	1264	1500	1101	1337	1493			
Pressure drop system side	kPa			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	1079	846	932	1036	975	1066	1209	930	1152	1307	967	1245	1476	1084	1316	1469			
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	1056	833	974	1049	904	1082	1189	738	860	1189	992	1259	1479	979	1183	1311			
Pressure drop system side	kPa			14	19	26	15	21	28	16	24	30	10	14	18	20	26	30	14	20	23	10	12	22	15	22	30	22	31	36			
Fan																																	
Type	type																																
																											Centrifugal						
Fan motor	type																																
																											Asynchronous						
Number	no.			3	3			3			3			3			3			3			3			3							
Air flow rate	m <sup>3</sup> /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																											
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	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			
Diameter hydraulic fittings																																	
Main coil	Ø																																
																											3/4"						
Power supply																																	
Power supply	230V~50Hz																																

(1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C

(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT

(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT

(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

#### 4-pipe

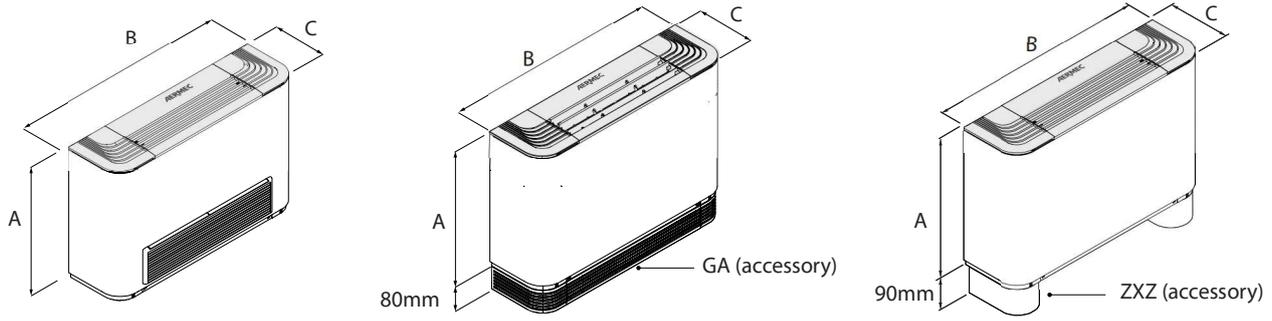
	FCZ101			FCZ201			FCZ301			FCZ401			FCZ501			FCZ601			FCZ701			FCZ801			FCZ901			FCZ1001								
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Heating performance 65 °C / 55 °C (1)																																				
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	1049	738	860	1189	979	1183	1311			
Pressure drop system side	kPa			4	6	8	6	12	18	8	13	18	10	16	24	13	22	29	14	19	26	16	24	30	20	26	30	10	12	22	22	31	36			
Fan																																				
Type	type																																			
																											Centrifugal									
Fan motor	type																																			
																											Asynchronous									
Number	no.			1	1			2			2			2			3			3			3			3			3							
Air flow rate	m <sup>3</sup> /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																												
Fan coil sound data (3)																																				
Sound power level	dB(A)			31,0	38,0	45,0	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0	42,0	51,0	57,0	50,0	57,0	62,0	56,0	61,0	66,0	51,0	57,0	62,0	56,0	61,0	66,0			
Sound pressure	dB(A)			23,0	30,0	37,0	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0	34,0	43,0	49,0	42,0	49,0	54,0	48,0	53,0	58,0	43,0	49,0	54,0	48,0	53,0	58,0			
Diameter hydraulic fittings																																				
Main coil	Ø			1/2"	1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"				
Secondary coil	Ø																																			
																											1/2"									
Power supply																																				
Power supply	230V~50Hz																																			

(1) Room air temperature 20 °C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT

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

(3) 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
<b>Dimensions and weights</b>																	
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
<b>Dimensions and weights</b>																	
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							
<b>Dimensions and weights</b>																	
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

# FCZ-D

## Fan coil for vertical wall-mounting or free-standing installation

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



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



### DESCRIPTION

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

**FCZ D are able to provide a pleasant sensation of comfort by directing the air in a way that ensures uniform temperature distribution throughout the setting. In winter, hot air is direct downwards; in summer, cool air is directed upwards.**

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

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

### FEATURES

#### Case

Protective metal cabinet with anti-corrosion polyester RAL 9003 paint, whereas the head with the air distribution grille is in RAL 7047 plastic.

#### Ventilation group

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

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

Extractable shrouds for easy, effective cleaning

#### Heat exchanger coil

With copper pipes and aluminium louvers, the main coil has female gas water connections on the left side and the manifolds have air vents.

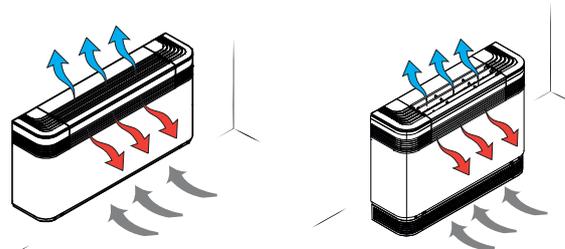
The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

**The hydraulic connections can be inverted during installation.**

#### Air filter

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

#### VERSION WITH DOUBLE SUPPLY



#### FCZ\_D

— With on-board thermostat.

#### FCZ\_DS

— Compatibility with VMF system.

— Without installed switch

#### ThermApp

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

**Available for Android operating systems.**



## GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Field	Description
1,2,3	<b>FCZ</b>
4	<b>Size</b> 2, 3, 4, 5
5	<b>Main coil</b> 0 Standard
6	<b>Secondary coil</b> 0 Without coil
7	<b>Version</b> D Dualjet with thermostat TXB on-board the system DS Dualjet without on-board thermostat

## ACCESSORIES

### Control panels

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

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

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

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

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

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

**TX:** Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors 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).

### VMF system

**VMF-E0X:** Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

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

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

## ACCESSORIES COMPATIBILITY

### Control panels

Model	Ver	200	300	400	500
AER503IR (1)	DS	•	•	•	•
PRO503	DS	•	•	•	•
SA5 (2)	DS	•	•	•	•
SW3 (2)	DS	•	•	•	•
SW5 (2)	DS	•	•	•	•
T-TOUCH	DS	•	•	•	•
TX (1)	DS	•	•	•	•

(1) 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.

(2) Probe for AER503IR-TX thermostats, if fitted.

### VMF system

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

Model	Ver	200	300	400	500
VMF-E0X (1)	DS	•	•	•	•
VMF-E19	DS	•	•	•	•
VMF-E2Z	DS	•	•	•	•

**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 PANTONE COOL GRAY 1C.

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

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

### Water valves

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

**VCZ:** 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections. If the valve is combined with the BCZ5 or BCZ6 condensate drain pan, to ensure a better housing it is possible to remove the 3-way insulating shell. 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. If the valve is combined with the BCZ5 or BCZ6 condensate drain pan, to ensure a better housing it is possible to remove the insulating shell.

**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.

### 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:** Metal supports for vertical installation of the GA grille.

**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.

Model	Ver	200	300	400	500
VMF-E3	DS	•	•	•	•
VMF-E4DX	DS	•	•	•	•
VMF-E4X	DS	•	•	•	•
VMF-I0	DS	•	•	•	•
VMF-IR	DS	•	•	•	•

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

## Water valves

### 3 way valve kit

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

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

### 2 way valve kit

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

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

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

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

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

### Combined Adjustment and Balancing Valve Kit

Model	Ver	200	300	400	500
VJP060 (1)	D,DS	•	•		
VJP060M (2)	D,DS	•	•		
VJP090 (1)	D,DS			•	•
VJP090M (2)	D,DS			•	•

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

## Installation accessories

### Condensate recirculation device

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

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

### Condensate drip

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

(1) For vertical installation.

### Panel closing the rear of the unit

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

### Ornamental grille

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

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

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

## Pair of stylish structural feet

Model	Ver	200	300	400	500
ZXZ	D,DS	.	.	.	.

## PERFORMANCE SPECIFICATIONS

### 2-pipe

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

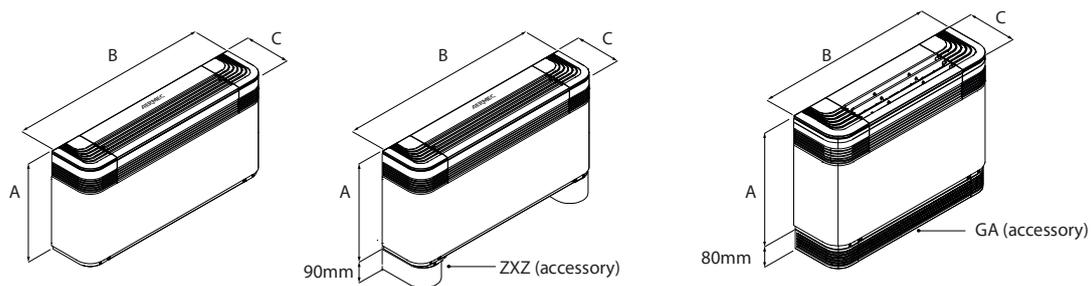
(1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C

(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT

(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT

(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

## DIMENSIONS



		FCZ200D	FCZ300D	FCZ400D	FCZ500D
<b>Dimensions and weights</b>					
A	mm	486	486	486	486
B	mm	750	980	1200	1200
C	mm	220	220	220	220
Empty weight	kg	15	17	23	22

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

# FCZ P - PO

## Fan coil unit for ducted installations

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

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



### DESCRIPTION

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

### FEATURES

#### Ventilation group

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

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

Extractable shrouds for easy, effective cleaning

#### Heat exchanger coil

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

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

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

#### Condensate drip

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

#### Air filter

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

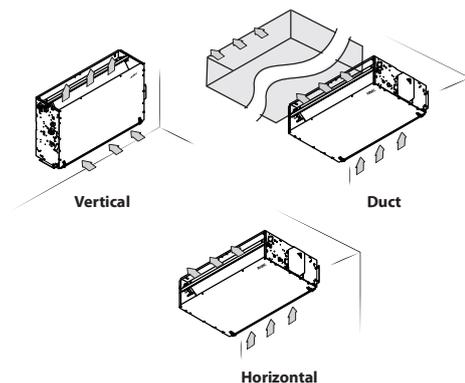
**In the PPC version, air purification is guaranteed by the Cold Plasma purifier.**

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

#### Flush-mounting and duct-type versions



#### FCZ\_P

— Flush-mounting

#### FCZ\_PPC

— Flush-mounting with Cold Plasma purifier

#### FCZ\_PO

— Flush-mounting, duct-type

— With useful head.

## GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

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

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

## SIZE AVAILABLE FOR VERSION

Size	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
Versions produced (by size)																				
Versions available (by size)	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	-	-	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PPC	*	-	-	*	*	-	-	*	*	-	-	*	*	-	-	*	*	-	-

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)	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	*	*	*	*	*	*	*	-	-	-	-	*	*	*	-	-
	PPC	*	-	-	*	*	-	-	*	-	-	*	*	-	*	*	-

## ACCESSORIES

### Control panels

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

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

**PXA1:** Thermostat on the machine for controlling the fan coils (both with asynchronous and brushless motors), complete with water and air probes to be positioned in the relative seats, and a plastic support to fix it on the side of the unit. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, purifier devices (Cold Plasma and germicidal lamp), or radiant plate.

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

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

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

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

**WMT05:** Electronic thermostat with thermostated ventilation.

**WMT06:** Electronic thermostat with continuous ventilation.

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

### VMF system

**VMF-E0X:** Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

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

**VMF-E3:** Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, VMF-E0X with grids GLF\_N/M and GLL\_N, can be controlled with VMF-IR control.

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

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

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

**VMF-SW:** Water temperature probe.

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

### Water valves

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

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

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

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

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

### (Heating only) additional coil

**BV:** Single row hot water heat exchanger.

**RX:** Armoured electric coil with safety thermostat.

**PCR:** Galvanised plate protection for the controls and the electrical element.

### Installation accessories

**AMP:** Wall mounting kit

**DSC:** Condensate drainage device.

**BC:** Condensate drip.

**BCZ:** Condensate drip.

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

**MZA:** Cabinet housing with fixed fins.

**MZU:** Cabinet housing with adjustable fins.

**GA:** Intake grid with fixed louvers

**GAF:** Intake grid with filter and fixed louvers

**GM:** Flow grid with adjustable louvers.

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

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

**PM:** Delivery plenum with circular flanges. Sandwich structure in hot galvanised steel, with interposed polyurethane foam (40 kg/m<sup>3</sup>). The panel is 15 mm thick. It is installed in place of the delivery panel with a rectangular flange, using the same 4 self-threading screws.

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

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

**RP:** 90° delivery coupling.

**RPA:** 90° suction coupling.

### Accessories for ducting

**MZC:** Plenum with motorised dampers.

**RDA\_V:** Straight intake connection with rectangular flange.

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

**RDA\_C:** Straight intake connection with circular flanges.

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

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

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

**RDM\_V:** Straight delivery coupling in galvanised sheet metal.

**RDM\_C:** Straight discharge internally insulated, with circular flanges.

## ACCESSORIES COMPATIBILITY

### Control panels

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	
AER503R (1)	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO_POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PRO503	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PXAI	PO_POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SA5 (2)	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO_POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SW3 (2)	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SW5 (2)	PO_POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
TX (1)	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO_POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
WMT05	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
WMT06	PO_POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
WMT10	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO_POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
AER503IR (1)	PPR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PPC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PRO503	PPR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PPC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PXAI	PPR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PPC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SA5 (2)	PPR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PPC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SW3 (2)	PPR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PPC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SW5 (2)	PPR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PPC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
TX (1)	PPR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PPC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WMT05	PPR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PPC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WMT06	PPR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PPC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WMT10	PPR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PO,POR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PPC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

### VMF system

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

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

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

(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
<b>Main coil</b>	VCZ41	VCZ42														
	VCZ4124	VCZ4224														
<b>Secondary coil</b>	-	VCF44	VCF44	-												
	-	VCF4424	VCF4424	-												
<b>Additional coil "BV"</b>	VCF44	-	-	-												
	VCF4424	-	-	-												

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

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

**2 way valve kit**

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

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

	900	901	950	1000	1001
<b>Main coil</b>	VCZD3 VCZD324	VCZD3 VCZD324	VCZD3 VCZD324	VCZD3 VCZD324	VCZD3 VCZD324
<b>Secondary coil</b>	-	VCFD4 VCFD424	-	-	VCFD4 VCFD424
<b>Additional coil "BV"</b>	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	300	301	302	350	400	401	402	450	500	501	502	550	
VCZ1X4L (1)	P,PPC,PR	.			.	.			.													
	PO,POR					.			.													
VCZ1X4R (1)	P,PPC,PR	.			.	.			.													
	PO,POR					.			.													
VCZ2X4L (1)	P,PO,POR,PPC,PR									.				.	.		.	.				.
VCZ2X4R (1)	P,PO,POR,PPC,PR									.				.	.		.	.				.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
VCZ2X4L (1)	P,PPC,PR	.			.	.			.	.			.					
	PO,POR	.			.	.			.				.					
VCZ2X4R (1)	P,PPC,PR	.			.	.			.	.			.					
	PO,POR	.			.	.			.				.					
VCZ3X4L (1)	P,PPC,PR													.	.		.	.
	PO,POR													.	.		.	.
VCZ3X4R (1)	P,PPC,PR													.	.		.	.
	PO,POR													.	.		.	.

(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	300	301	302	350	400	401	402	450	500	501	502	550	
VJP060 (1)	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR					.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC				.	.			.	.			.									
VJP060M (2)	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR					.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC				.	.			.	.			.									
VJP090 (1)	P,PO,POR,PR													.	.	.	.	.	.	.	.	.
	PPC													.	.	.	.	.	.	.	.	.
VJP090M (2)	P,PO,POR,PR													.	.	.	.	.	.	.	.	.
	PPC													.	.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
VJP090 (1)	P,PO,POR,PR	.	.	.	.													
	PPC	.			.													
VJP090M (2)	P,PO,POR,PR	.	.	.	.													
	PPC	.			.													
VJP150 (1)	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
VJP150M (2)	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.			.	.			.	.			.					

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

**(Heating only) additional coil**

**Heating only additional coil**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
BV117 (1)	P,PR	.																			
BV122 (1)	P,PO,POR,PR					.															
BV132 (1)	P,PO,POR,PPC,PR									.											
BV142 (1)	P,PO,POR,PPC,PR													.				.			
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
BV162 (1)	P,PR														.				.		
	PO,POR,PPC														.						
BVZ800 (1)	P,PPC,PR	.				.				.											
	PO,POR	.				.															

(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	300	301	302	350	400	401	402	450	500			
RX17 (1)	P,PR	.																			
RX22 (1)	P,PO,POR,PR					.															
RX32 (1)	P,PO,POR,PPC,PR									.											
RX42 (1)	P,PO,POR,PPC,PR													.							
RX52 (1)	P,PO,POR,PPC,PR																				.
Model	Ver	501	502	550	600	601	602	650	700	701	702	750	800	801	802	850	900	901			
RX62 (1)	P,PO,POR,PPC,PR																	.			
RXZ800 (1)	P,PPC,PR				.				.				.								
	PO,POR				.				.												
Model	Ver	950					1000					1001									
RX62 (1)	P,PR																		.		

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

**Galvanised plate protection for the controls and the electrical element.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500			
PCR1	P,PO,POR,PR	.				.				.				.							.
Model	Ver	501	502	550	600	601	602	650	700	701	702	750	800	801	802	850	900	901			
PCR1	P,PO,POR,PR				.				.				.								
PCR2	P,PO,POR,PR																				.
Model	Ver	950					1000					1001									
PCR2	P,PO,POR,PR																				.

**Installation accessories**

**Wall mounting kit**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
AMP20	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR					.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.			.	.			.	.			.	.			.	.			.
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
AMPZ	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.			.	.			.	.			.	.			.	.			.

**Condensate drip**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
BCZ4 (1)	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR					.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.			.	.			.	.			.	.			.	.			.
BCZ5 (2)	P		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR					.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.			.	.			.	.			.	.			.	.			.
	PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
BCZ4 (1)	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BCZ5 (2)	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BCZ6 (2)	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	
BC8 (1)	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
BC8 (1)	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BC9 (1)	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

(1) For horizontal installation.

### Condensate recirculation device

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	
DSCZ4 (1)	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
DSCZ4 (1)	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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

### Ventilcassaforma

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	
CHF17	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CHF22	P,PO,POR,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CHF32	P,PO,POR,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CHF42	P,PO,POR,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CHF62	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

### Cabinet housing with fixed fins.

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	
MZA100	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MZA200	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MZA300	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MZA500	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MZA800	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

### Cabinet housing with adjustable fins.

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	
MZU100	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MZU200	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MZU300	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MZU500	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MZU800	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	P,PPC,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

## Wall mounting and duct type installation accessories

### Lower intake grille

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
GA17	P,PR	.	.	.	.																
	PPC	.			.																
GA22	P,PO,POR,PR					.	.	.	.												
	PPC					.			.												
GA32	P,PO,POR,PR									.	.	.	.								
	PPC									.			.								
GA42	P,PO,POR,PR													.	.	.	.	.	.	.	.
	PPC													.	.	.	.	.	.	.	.
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
GA62	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

### Intake grilles with fixed fins and filter

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
GAF17	P,PR	.	.	.	.																
	PPC	.			.																
GAF22	P,PO,POR,PR					.	.	.	.												
	PPC					.			.												
GAF32	P,PO,POR,PR									.	.	.	.								
	PPC									.		.	.								
GAF42	P,PO,POR,PR													.	.	.	.	.	.	.	.
	PPC													.	.	.	.	.	.	.	.
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
GAF62	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

### Delivery grilles with adjustable fins

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
GM17	P,PR	.	.	.	.																
	PPC	.			.																
GM22	P,PO,POR,PR					.	.	.	.												
	PPC					.			.												
GM32	P,PO,POR,PR									.	.	.	.								
	PPC									.		.	.								
GM42	P,PO,POR,PR													.	.	.	.	.	.	.	.
	PPC													.	.	.	.	.	.	.	.
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
GM62	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

### Intake plenum in sheet metal complete with connectors for circular channels

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
PA17	P,PR	.	.	.	.																
	PPC	.			.																
PA22	P,PO,POR,PR					.	.	.	.												
	PPC					.			.												
PA32	P,PO,POR,PR									.	.	.	.								
	PPC									.		.	.								
PA42	P,PO,POR,PR													.	.	.	.	.	.	.	.
	PPC													.	.	.	.	.	.	.	.
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
PA62	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

**Intake plenum providing recovery and delivery on the same side**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
PA17F	P,PR	.	.	.	.																
	PPC	.			.																
PA22F	P,PO,POR,PR					.	.	.	.												
	PPC					.			.												
PA32F	P,PO,POR,PR									.	.	.	.								
	PPC									.			.								
PA42F	P,PO,POR,PR													.	.	.	.	.	.	.	.
	PPC													.		.	.	.	.	.	.
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
PA62F	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.			.	.			.	.			.	.	.	.	.	.	.	.	.

**Delivery plenum with circular flanges.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
PM17	PPR	.	.	.	.																
	PPC	.			.																
PM22	P,PO,POR,PR					.	.	.	.												
	PPC					.			.												
PM32	P,PO,POR,PR									.	.	.	.								
	PPC									.			.								
PM42	P,PO,POR,PR													.	.	.	.	.	.	.	.
	PPC													.		.	.	.	.	.	.
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
PM62	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.			.	.			.	.			.	.	.	.	.	.	.	.	.

**Straight delivery coupling**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
RD17	P,PR	.	.	.	.																
	PPC	.			.																
RD22	P,PO,POR,PR					.	.	.	.												
	PPC					.			.												
RD32	P,PO,POR,PR									.	.	.	.								
	PPC									.			.								
RD42	P,PO,POR,PR													.	.	.	.	.	.	.	.
	PPC													.		.	.	.	.	.	.
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
RD62	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.			.	.			.	.			.	.	.	.	.	.	.	.	.

**Straight suction coupling**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
RDA22	P,PO,POR,PR					.	.	.	.												
	PPC					.			.												
RDA32	P,PO,POR,PR									.	.	.	.								
	PPC									.			.								
RDA42	P,PO,POR,PR													.	.	.	.	.	.	.	.
	PPC													.		.	.	.	.	.	.
Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001			
RDA62	P,PR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.			.	.			.	.			.	.	.	.	.	.	.	.	.

**90° delivery coupling.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
RP17	PPR	.	.	.	.																
	PPC	.			.																
RP22	P,PO,POR,PR					.	.	.	.												
	PPC					.			.												
RP32	P,PO,POR,PR									.	.	.	.								
	PPC									.			.								
RP42	P,PO,POR,PR													.	.	.	.	.	.	.	.
	PPC													.		.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
RP62	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

**90° suction coupling.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
RPA22	P,PO,POR,PR					.	.	.	.												
	PPC					.	.	.	.												
RPA32	P,PO,POR,PR									.	.	.	.								
	PPC									.	.	.	.								
RPA42	P,PO,POR,PR													.	.	.	.	.	.	.	.
	PPC													.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
RPA62	PPR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	PPC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

**Accessories for ducting**

**Plenum with motorised dampers.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
MZC220	PO,POR					.	.	.	.												
MZC320	PO,POR									.	.	.	.								
MZC530	PO,POR													.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
MZC830	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

**Straight intake connection with rectangular flange.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
RDA000V	PO,POR					.	.	.	.												
RDA100V	PO,POR									.	.	.	.								
RDA200V	PO,POR													.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
RDA300V	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

**Intake plenum with rectangular flange.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
RPA000V	PO,POR					.	.	.	.												
RPA100V	PO,POR									.	.	.	.								
RPA200V	PO,POR													.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
RPA300V	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

**Suction plenum with plastic circular flanges.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
PA000V	PO,POR					.	.	.	.												
PA100V	PO,POR									.	.	.	.								
PA200V	PO,POR													.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
PA300V	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

**Internally insulated delivery plenum with circular flanges.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
PM000V	PO,POR					.	.	.	.												
PM100V	PO,POR									.	.	.	.								
PM200V	PO,POR													.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
PM300V	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

**Internally insulated delivery plenum with rectangular flange.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
RPM000V	PO,POR					.	.	.	.												
RPM100V	PO,POR									.	.	.	.								
RPM200V	PO,POR													.	.	.	.	.	.	.	.

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
RPM300V	PO,POR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

**Straight delivery coupling in galvanised sheet metal.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	
RDM000V	PO,POR					*	*	*	*													
RDM100V	PO,POR									*	*	*	*									
RDM200V	PO,POR													*	*	*	*	*	*	*	*	*

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
RDM300V	PO,POR	*	*	*	*	*	*	*	*					*	*	*		

**Straight discharge internally insulated, with circular flanges.**

Model	Ver	100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	
RDMC000V	PO,POR					*	*	*	*													
RDMC100V	PO,POR									*	*	*	*									
RDMC200V	PO,POR													*	*	*	*	*	*	*	*	*

Model	Ver	600	601	602	650	700	701	702	750	800	801	802	850	900	901	950	1000	1001
RDMC300V	PO,POR	*	*	*	*	*	*	*	*					*	*	*		

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

### 2-pipe

	FCZ100P			FCZ150P			FCZ200P			FCZ250P			FCZ300P			FCZ350P			FCZ400P			FCZ450P			FCZ500P			FCZ550P								
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
	L	M	H	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	L	M	H
<b>Heating performance 70 °C / 60 °C (1)</b>																																				
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			4,0	7,0	9,0	5,0	9,0	12,0	6,0	12,0	18,0	7,0	15,0	23,0	7,0	12,0	18,0	8,0	14,0	20,0	9,0	16,0	24,0	6,0	11,0	16,0	12,0	21,0	28,0	10,0	20,0	26,0			
<b>Heating performance 45 °C / 40 °C (2)</b>																																				
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			4,0	7,0	10,0	5,0	9,0	12,0	6,0	12,0	18,0	8,0	15,0	22,0	8,0	12,0	18,0	8,0	14,0	20,0	10,0	16,0	24,0	6,0	11,0	16,0	12,0	21,0	28,0	10,0	20,0	26,0			
<b>Cooling performance 7 °C / 12 °C (3)</b>																																				
Cooling capacity	kW			0,65	0,84	1,00	0,65	0,84	1,00	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	0,51	0,69	0,83	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	112	144	172	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			4,0	6,0	8,0	4,0	6,0	8,0	6,0	12,0	18,0	8,0	17,0	25,0	8,0	13,0	18,0	11,0	18,0	25,0	10,0	16,0	24,0	9,0	15,0	22,0	13,0	22,0	29,0	12,0	22,0	28,0			
<b>Fan</b>																																				
Type	type																																			
Fan motor	type																																			
	Centrifugal																																			
	Asynchronous																																			
Number	no.			1	1			1	1			1	2			2	2			2	2			2	2			2	2							
Air flow rate	m <sup>3</sup> /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			
<b>Fan coil sound data (4)</b>																																				
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	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			
<b>Water coil</b>																																				
Water content main coil	l			0,4	0,5			0,5	0,7			0,8	1,0			1,0	1,4			1,4	1,0			1,4	1,0			1,4	1,4							
<b>Diametre hydraulic fittings</b>																																				
Main coil	Ø			1/2"	1/2"			1/2"	1/2"			3/4"	3/4"			3/4"	3/4"			3/4"	3/4"			3/4"	3/4"			3/4"	3/4"							
<b>FCZ600P</b>																																				
	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								
<b>Heating performance 70 °C / 60 °C (1)</b>																																				
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	1008	710	860	964	798	991	1096	859	947	1052	991	1083	1227	945	1171	1328	982	1264	1500	1101	1337	1493						
Pressure drop system side	kPa			12,0	18,0	26,0	14,0	21,0	31,0	17,0	24,0	29,0	10,0	15,0	18,0	22,0	27,0	32,0	17,0	20,0	25,0	12,0	17,0	22,0	16,0	24,0	33,0	22,0	32,0	38,0						
<b>Heating performance 45 °C / 40 °C (2)</b>																																				
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	1079	846	932	1036	975	1066	1209	930	1152	1307	967	1245	1476	1084	1316	1469						
Pressure drop system side	kPa			12,0	18,0	26,0	14,0	20,0	31,0	16,0	24,0	29,0	10,0	14,0	18,0	22,0	26,0	32,0	17,0	20,0	25,0	12,0	17,0	22,0	15,0	24,0	33,0	22,0	31,0	38,0						
<b>Cooling performance 7 °C / 12 °C (3)</b>																																				
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	1056	833	974	1049	904	1082	1189	738	860	1189	992	1259	1479	979	1183	1311						
Pressure drop system side	kPa			14,0	19,0	26,0	15,0	21,0	28,0	16,0	24,0	30,0	10,0	14,0	18,0	20,0	26,0	30,0	14,0	20,0	23,0	10,0	12,0	22,0	15,0	22,0	30,0	22,0	31,0	36,0						
<b>Fan</b>																																				
Type	type																																			
Fan motor	type																																			
	Centrifugal																																			
	Asynchronous																																			
Number	no.			3	3			3	3			3	3			3	3			3	3			3	3			3	3							
Air flow rate	m <sup>3</sup> /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	106	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			
<b>Fan coil sound data (4)</b>																																				
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	61,0	66,0	71,0	62,0	71,0	76,0	62,0	71,0	76,0						
Sound pressure	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	53,0	58,0	63,0	53,0	58,0	63,0	62,0	71,0	76,0						
<b>Water coil</b>																																				
Water content main coil	l			1,2	1,6			1,2	1,6			1,6	1,2			1,6	1,6			1,8	1,8			2,3	2,3			1,8	1,8							
<b>Diametre hydraulic fittings</b>																																				
Main coil	Ø			3/4"																																

(1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C

(2) Room air temperature 20°C d.b.; Water (in/out) 45°C/40°C; EUROVENT

(3) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT

(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

4-pipe

	FCZ101P			FCZ201P			FCZ301P			FCZ401P			FCZ501P			FCZ601P			FCZ701P			FCZ801P			FCZ901P			FCZ1001P								
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
	L	M	H	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	L	M	H
<b>Heating performance 65 °C / 55 °C (1)</b>																																				
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			2,0	4,0	4,0	4,0	8,0	10,0	16,0	23,0	30,0	4,0	6,0	8,0	6,0	8,0	10,0	8,0	12,0	16,0	11,0	14,0	18,0	16,0	20,0	24,0	8,0	12,0	12,0	10,0	14,0	16,0			
<b>Cooling performance 7 °C / 12 °C (2)</b>																																				
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	1049	738	860	1189	979	1183	1311			
Pressure drop system side	kPa			4,0	6,0	8,0	6,0	12,0	18,0	8,0	13,0	18,0	10,0	16,0	24,0	13,0	22,0	29,0	14,0	19,0	26,0	16,0	24,0	30,0	20,0	26,0	30,0	10,0	12,0	22,0	22,0	31,0	36,0			
<b>Fan</b>																																				
Type	type			Centrifugal																																
Fan motor	type			Asynchronous																																
Number	no.			1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3						
Air flow rate	m³/h			110	160	200	140	220	290	260	350	450	330	460	600	400	600	720	520	720	920	700	930	1140	900	1120	1300	700	930	1140	900	1120	1300			
Input power	W			19	29	35	25	29	33	25	33	44	30	43	57	38	52	76	38	60	91	59	80	106	80	100	131	59	80	106	80	100	131			
Electrical wiring				V1	V2	V3	V1	V2	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			
<b>Fan coil sound data (3)</b>																																				
Sound power level	dB(A)			31,0	38,0	45,0	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0	42,0	51,0	57,0	50,0	57,0	62,0	56,0	61,0	66,0	51,0	57,0	62,0	56,0	61,0	66,0			
Sound pressure	dB(A)			23,0	30,0	37,0	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0	34,0	43,0	49,0	42,0	49,0	54,0	48,0	53,0	58,0	43,0	49,0	54,0	48,0	53,0	58,0			
<b>Water coil</b>																																				
Water content main coil	l			0,4	0,5	0,8	1,0	1,0	1,2	1,2	1,8	1,8																								
Water content the secondary coil	l			0,1	0,2	0,3	0,3	0,3	0,4	0,4	0,7	0,7																								
<b>Diameter hydraulic fittings</b>																																				
Main coil	Ø			1/2"	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"																								
Secondary coil	Ø			1/2"																																

(1) Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT

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

(3) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

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

**2-pipe**

	FCZ200PO			FCZ250PO			FCZ300PO			FCZ350PO			FCZ400PO			FCZ450PO			FCZ500PO			FCZ550PO		
	2	4	6	2	4	6	1	4	6	1	4	6	1	3	6	1	3	6	1	5	6	1	5	6
	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	2,11	3,00	3,32	2,29	3,24	3,60	3,50	5,03	5,45	3,80	5,59	6,10	4,49	6,02	6,74	4,79	6,62	7,40	5,27	7,22	7,59	5,81	8,25	8,67
Water flow rate system side	l/h	182	258	285	197	279	310	301	433	469	327	481	524	386	517	580	412	569	637	453	621	652	500	709	746
Pressure drop system side	kPa	7,0	12,0	15,0	9,0	16,0	19,0	8,0	15,0	18,0	9,0	18,0	21,0	11,0	18,0	22,0	7,0	12,0	15,0	12,0	21,0	23,0	10,0	19,0	21,0

**Heating performance 45 °C / 40 °C (2)**

Heating capacity	kW	1,05	1,49	1,65	1,14	1,61	1,79	1,74	2,50	2,71	1,89	2,78	3,03	2,23	2,99	3,35	2,38	3,29	3,68	2,62	3,59	3,77	2,89	4,10	4,31
Water flow rate system side	l/h	160	224	248	196	277	308	299	430	466	325	478	521	383	514	576	409	566	633	451	617	648	497	705	741
Pressure drop system side	kPa	7,0	12,0	15,0	9,0	16,0	19,0	8,0	15,0	18,0	9,0	18,0	21,0	11,0	18,0	22,0	7,0	12,0	15,0	12,0	21,0	23,0	10,0	19,0	21,0

**Cooling performance 7 °C / 12 °C (3)**

Cooling capacity	kW	0,93	1,30	1,44	1,11	1,59	1,74	1,70	2,40	2,63	1,91	2,77	3,00	2,29	3,06	3,41	2,51	3,37	3,79	2,68	3,65	3,82	2,91	4,08	4,28
Sensible cooling capacity	kW	0,74	1,14	1,18	0,83	1,23	1,36	1,27	1,86	2,03	1,34	1,99	2,16	1,66	2,24	2,52	1,76	2,42	2,73	1,94	2,70	2,83	2,07	2,94	3,09
Water flow rate system side	l/h	160	224	248	191	273	299	292	413	452	328	476	516	394	526	586	432	580	652	461	628	657	500	702	736
Pressure drop system side	kPa	8,0	13,0	15,0	9,0	18,0	21,0	8,0	16,0	18,0	11,0	22,0	25,0	11,0	18,0	22,0	11,0	16,0	20,0	13,0	22,0	24,0	12,0	21,0	23,0

**Fan**

Type	type	Centrifugal																							
Fan motor	type	Asynchronous																							
Number	no.	1			1			2			2			2			2			2			2		
Air flow rate	m <sup>3</sup> /h	148	226	254	148	226	254	263	404	446	263	404	446	346	487	559	346	487	559	400	592	627	400	592	627
High static pressure	Pa	21	50	63	21	50	63	21	50	61	21	50	61	25	50	66	25	50	66	22	50	56	22	50	56
Input power	W	28	41	74	28	41	74	38	55	78	38	55	78	53	63	102	53	63	102	49	80	627	49	80	627
Electrical wiring		V2	V4	V6	V2	V4	V6	V1	V4	V6	V1	V4	V6	V1	V3	V6	V1	V3	V6	V1	V5	V6	V1	V5	V6

**Duct type fan coil sound data (4)**

Sound power level (inlet + radiated)	dB(A)	41,0	56,0	59,0	41,0	56,0	59,0	39,0	51,0	54,0	39,0	51,0	54,0	44,0	54,0	55,0	44,0	54,0	55,0	45,0	55,0	57,0	45,0	55,0	57,0
Sound power level (outlet)	dB(A)	37,0	52,0	55,0	37,0	52,0	55,0	35,0	47,0	49,0	35,0	47,0	49,0	40,0	50,0	52,0	40,0	50,0	52,0	41,0	51,0	53,0	41,0	51,0	53,0

**Water coil**

Water content main coil	l	0,5			0,7			0,8			1,0			1,0			1,4			1,0			1,4		
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**Diameter hydraulic fittings**

Main coil	∅	1/2"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"		
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	FCZ600PO			FCZ650PO			FCZ700PO			FCZ750PO			FCZ900PO			FCZ950PO		
	1	4	7	1	4	7	2	5	7	2	5	7	2	5	7	2	5	7
	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	6,86	8,55	10,00	7,63	9,72	11,51	8,77	10,10	10,52	10,02	11,65	12,09	11,81	13,80	14,45	12,43	15,07	16,00
Water flow rate system side	l/h	590	735	860	656	836	990	754	868	905	862	1002	1040	1016	1187	1242	1069	1296	1375
Pressure drop system side	kPa	12,0	20,0	26,0	15,0	23,0	31,0	19,0	25,0	27,0	12,0	15,0	16,0	14,0	18,0	20,0	19,0	26,0	29,0

**Heating performance 45 °C / 40 °C (2)**

Heating capacity	kW	3,41	4,25	4,97	3,79	4,83	5,72	4,36	5,02	5,23	4,98	5,79	6,01	5,87	6,86	7,18	6,18	7,49	7,95
Water flow rate system side	l/h	586	731	855	652	831	984	750	863	899	856	996	1034	1009	1180	1235	1063	1288	1367
Pressure drop system side	kPa	13,0	20,0	26,0	15,0	23,0	31,0	19,0	25,0	27,0	12,0	15,0	16,0	14,0	18,0	20,0	19,0	26,0	29,0

**Cooling performance 7 °C / 12 °C (3)**

Cooling capacity	kW	3,37	4,08	4,65	4,15	5,02	5,67	4,24	4,97	5,18	4,69	5,53	5,80	4,38	5,33	5,95	6,35	7,62	8,07
Sensible cooling capacity	kW	2,70	3,34	3,92	2,93	3,60	4,12	3,24	3,83	4,02	3,53	4,20	4,41	3,11	4,11	4,73	4,20	5,08	5,40
Water flow rate system side	l/h	580	702	800	580	702	800	729	855	28	807	951	997	753	917	1023	1092	1310	1388
Pressure drop system side	kPa	15,0	21,0	26,0	16,0	23,0	28,0	20,0	26,0	28,0	12,0	16,0	17,0	10,0	14,0	17,0	18,0	24,0	27,0

**Fan**

Type	type	Centrifugal																							
Fan motor	type	Asynchronous																							
Number	no.	3			3			3			3			3			3			3					
Air flow rate	m <sup>3</sup> /h	567	770	920	567	770	920	785	978	1050	785	978	1050	785	978	1050	785	978	1050	785	978	1050	785	978	1050
High static pressure	Pa	27	50	71	27	50	71	32	50	58	32	50	58	32	50	58	32	50	58	32	50	58	32	50	58
Input power	W	66	89	118	66	89	118	92	117	138	92	117	138	92	117	138	92	117	138	92	117	138	92	117	138
Electrical wiring		V1	V4	V7	V1	V4	V7	V2	V5	V7	V2	V5	V7	V2	V5	V7	V2	V5	V7	V2	V5	V7	V2	V5	V7

**Duct type fan coil sound data (4)**

Sound power level (inlet + radiated)	dB(A)	46,0	56,0	61,0	46,0	56,0	61,0	54,0	60,0	62,0	54,0	60,0	62,0	54,0	60,0	62,0	54,0	60,0	62,0	54,0	60,0	62,0	54,0	60,0	62,0
Sound power level (outlet)	dB(A)	44,0	54,0	60,0	44,0	54,0	60,0	52,0	59,0	61,0	52,0	59,0	61,0	52,0	59,0	61,0	52,0	59,0	61,0	52,0	59,0	61,0	52,0	59,0	61,0

**Water coil**

Water content main coil	l	1,2			1,6			1,2			1,6			1,8			2,3		
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**Diameter hydraulic fittings**

Main coil	∅	3/4"																							
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(1) Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C

(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT

(3) Room air temperature 27 °C d.b./19 °C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT

(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

4-pipe

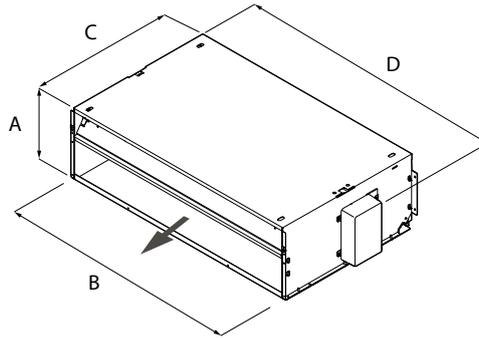
	FCZ201PO			FCZ301PO			FCZ401PO			FCZ501PO			FCZ601PO			FCZ701PO			FCZ901PO					
	2	4	6	1	4	6	1	3	6	1	5	6	1	4	7	2	5	7	2	5	7			
	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H			
<b>Heating performance 65 °C / 55 °C (1)</b>																								
Heating capacity	kW			1,06	1,37	1,48	1,82	2,39	2,55	2,19	2,75	2,99	2,59	3,30	3,34	3,13	3,85	4,35	4,13	4,40	4,60	5,16	5,71	5,77
Water flow rate system side	l/h			93	120	130	159	210	223	192	240	262	226	290	301	274	336	381	361	385	403	452	500	504
Pressure drop system side	kPa			5,0	8,0	9,0	8,0	12,0	14,0	5,0	7,0	8,0	6,0	9,0	9,0	9,0	13,0	16,0	16,0	15,0	17,0	10,0	12,0	12,0
<b>Cooling performance 7 °C / 12 °C (2)</b>																								
Cooling capacity	kW			0,93	1,30	1,44	1,70	2,40	2,63	2,29	3,06	3,41	2,68	3,65	3,82	3,37	4,08	4,65	4,24	4,97	5,18	4,38	5,33	5,95
Sensible cooling capacity	kW			0,74	1,14	1,18	1,27	1,86	2,03	1,66	2,24	2,52	1,94	2,70	2,83	2,70	3,34	3,92	3,24	3,83	4,02	3,11	4,11	4,73
Water flow rate system side	l/h			160	224	248	292	413	452	394	526	586	461	628	657	580	702	800	729	855	28	753	917	1023
Pressure drop system side	kPa			8,0	13,0	15,0	8,0	16,0	18,0	11,0	18,0	22,0	13,0	22,0	24,0	15,0	21,0	26,0	20,0	26,0	28,0	10,0	14,0	17,0
<b>Fan</b>																								
Type	type			Centrifugal																				
Fan motor	type			Asynchronous																				
Number	no.			1	2	2	2	3	3	3														
Air flow rate	m <sup>3</sup> /h			148	226	254	263	404	446	346	487	559	400	592	627	567	770	920	785	978	1050	785	978	1050
High static pressure	Pa			21	50	63	21	50	61	25	50	66	22	50	56	27	50	71	32	50	58	32	50	58
Input power	W			28	41	74	38	55	78	53	63	102	49	80	627	66	89	118	92	117	138	92	117	138
Electrical wiring	V			V2	V4	V6	V1	V4	V6	V1	V3	V6	V1	V5	V6	V1	V4	V7	V2	V5	V7	V2	V5	V7
<b>Duct type fan coil sound data (3)</b>																								
Sound power level (inlet + radiated)	dB(A)			41,0	56,0	59,0	39,0	51,0	54,0	44,0	54,0	55,0	45,0	55,0	57,0	46,0	56,0	61,0	54,0	60,0	62,0	54,0	60,0	62,0
Sound power level (outlet)	dB(A)			37,0	52,0	55,0	35,0	47,0	49,0	40,0	50,0	52,0	41,0	51,0	53,0	44,0	54,0	60,0	52,0	59,0	61,0	52,0	59,0	61,0
<b>Water coil</b>																								
Water content main coil	l			0,5	0,8	1,0	1,0	1,2	1,8															
Water content the secondary coil	l			0,2	0,3	0,3	0,3	0,4	0,4	0,7														
<b>Diametre hydraulic fittings</b>																								
Main coil	Ø			1/2"	3/4"	3/4"	3/4"	3/4"	3/4"															
Secondary coil	Ø							1/2"																

(1) Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT

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

(3) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

## DIMENSIONS



		FCZ100P	FCZ150P	FCZ200P	FCZ250P	FCZ300P	FCZ350P	FCZ400P	FCZ450P	FCZ500P	FCZ550P
<b>Dimensions and weights</b>											
A	mm	216	216	216	216	216	216	216	216	216	216
B	mm	412	412	522	522	753	753	973	973	973	973
C	mm	453	453	453	453	453	453	453	453	453	453
D	mm	452	452	562	562	793	793	1013	1013	1013	1013
Net weight	kg	12	13	12	14	14	16	20	22	23	24
		FCZ600P	FCZ650P	FCZ700P	FCZ750P	FCZ800P	FCZ850P	FCZ900P	FCZ950P	FCZ1000P	
<b>Dimensions and weights</b>											
A	mm	216	216	216	216	216	216	216	216	216	216
B	mm	1122	1122	1122	1122	1122	1122	1122	1122	1122	1122
C	mm	453	453	453	453	453	453	558	558	558	558
D	mm	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147
Net weight	kg	29	31	29	31	29	31	32	32	32	32
		FCZ101P	FCZ102P	FCZ201P	FCZ202P	FCZ301P	FCZ302P	FCZ401P	FCZ402P	FCZ501P	FCZ502P
<b>Dimensions and weights</b>											
A	mm	216	216	216	216	216	216	216	216	216	216
B	mm	412	412	522	522	753	753	973	973	973	973
C	mm	453	453	453	453	453	453	453	453	453	453
D	mm	452	452	562	562	793	793	1013	1013	1013	1013
Net weight	kg	12	13	13	14	15	16	21	22	23	24
		FCZ601P	FCZ602P	FCZ701P	FCZ702P	FCZ801P	FCZ802P	FCZ901P	FCZ1001P		
<b>Dimensions and weights</b>											
A	mm	216	216	216	216	216	216	216	216	216	216
B	mm	1122	1122	1122	1122	1122	1122	1122	1122	1122	1122
C	mm	453	453	453	453	453	453	558	558	558	558
D	mm	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147
Net weight	kg	30	31	30	31	30	31	32	32	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.

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