

FCZI P

Fan coil unit for ducted installations

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

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



DESCRIPTION

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

FEATURES

Ventilation group

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

Their characteristics permit energy savings compared to conventional fans. They are statically and dynamically balanced and directly coupled to the motor shaft.

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

Finned pack heat exchanger

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

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

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

Condensate drip

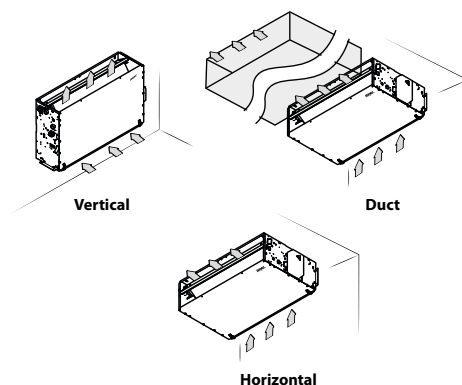
Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

Air filter

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

VERSIONS

Flush-mounting and duct-type versions



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

GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Field	Description
1,2,3,4	FCZI
5	Size 2, 3, 4, 5, 7, 9
6	main heat exchanger
0	Standard
5	Oversized
7	Secondary heat exchanger

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

SIZE AVAILABLE FOR VERSION

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

ACCESSORIES

Control panels

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

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

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 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).

AerSuite

The AerSuite application is used to remotely control the DI24 user interface, with VMF-E19/VMF-E19I thermostats, using Smart Devices with iOS and Android operating systems.

This is an application for Smartphones and Tablets with which the user can access and control the system operation remotely.

For more information about the use of the application and the available functions, refer to the respective documentation on the website.



VMF system

DI24: Flush-mounted interface (503 box) with 2.4" touch screen display to be combined with VMF-E19, VMF-E19I accessories. It allows you to regulate and monitor the temperature inside rooms precisely and on time; in addition

to accessing and interacting with your system's operating information, parameters and alarms, it allows you to set time slots. Thanks to its Wi-Fi connection, DI24 in combination with the AerSuite APP (available for Android and iOS) can also be remotely controlled. All programming and most functions are done in a simple and intuitive way using the APP. To allow for customization of the interface so that it seamlessly integrates with the style of any home, DI24 is compatible with switch plates from major brands available on the market. For more information, please refer to our documentation. However, a switch plate with its graphite gray support, DI24CP, is also available as a separate accessory in our catalog.

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

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, 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-E19 and VMF-E19I thermostats for mounting it upstream of the valve.

VMF-SW1: Additional water probe (L = 2.5m) to be used if required for 4-pipe systems with the VMF-E19 and VMF-E19I thermostats for maximum control in the cold range

VMHI: The VMHI panel can be used as a user interface for VMF-E19/E19I thermostats, GLFxN/M or GLLxN grids, or as an interface for the MZC system. What determines the function to be performed by the user interface is determined by its correct parametrisation and by following the electrical connections between interface and thermostat or interface and plenum.

Water valves

VCZ_X: 3-way valve kit for single-coil fan coil, RH connections, (VCZ_X4R) or LH (VCZ_X4L) for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves, and the relative hydraulic couplings. X4L version for fan coils with LH connections, and X4R for fan coils with RH connections. 230V~50Hz power supply.

VCZ41: 3-way motorised valve kit for the main coil. The kit is made up of a valve with its insulating shell, actuator and relative hydraulic 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.

VCZ4124: 3-way motorised valve kit for the main coil. The kit is made up of a valve with its insulating shell, actuator and relative hydraulic 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.

VCZ42: 3-way motorised valve kit for the main coil. The kit is made up of a valve with its insulating shell, actuator and relative hydraulic 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.

VCZ4224: 3-way motorised valve kit for the main coil. The kit is made up of a valve with its insulating shell, actuator and relative hydraulic 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.

VCZ43: 3-way motorised valve kit for the main coil. The kit is made up of a valve with its insulating shell, actuator and relative hydraulic 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.

VCZ4324: 3-way motorised valve kit for the main coil. The kit is made up of a valve with its insulating shell, actuator and relative hydraulic 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 secondary heat exchanger: The 3-way motorised valve kit for the secondary coil heat only. The kit consists of a valve with its insulating shell, actuator and relevant water fittings; it is suitable to be installed on the fan coils with right and left water connections.

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

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

(Heating only) additional coil

BV: Hot water heat exchanger with 1 row.

Installation accessories

AMP: Wall mounting kit

DSC: Condensate drainage device.

BC: Condensate drip.

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.

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

GA_Z: Intake grid with fixed louvers in RAL 9003 colour.

GAF: Intake grid with filter and fixed louvers

GAF_Z: Intake grid with filter and fixed louvers in RAL 9003 colour.

GM: Flow grid with adjustable louvers.

GM_Z: Outlet grid with fixed louvers in RAL 9003 colour.

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: Galvanised sheet steel flow plenum, externally insulated, equipped with plastic flow fittings for ducts and circular sections.

RD: Straight delivery coupling for canalisation.

RDA: Straight suction coupling for canalisation.

RP: 90° delivery coupling.

RPA: 90° suction coupling.

Accessories for ducting

MZC: Plenum with motorised dampers.

RDA_V: Straight intake connection with rectangular flange.

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

RDA_C: Straight intake connection with circular flanges.

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

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

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

RDM_V: Straight delivery coupling in galvanised sheet metal.

RDM_C: Straight discharge internally insulated, with circular flanges.

ACCESSORIES COMPATIBILITY

Control panels

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
AER503IR (1)	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PRO503	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PXA1	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SA5 (2)	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SW3 (2)	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SW5 (2)	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
TX (3)	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

(1) Wall-mount installation.

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

(3) Wall-mounting. If the unit intake exceeds 0.7A, or several units need to be managed with a single thermostat, board SIT3 and/or SIT5 is required.

VMF system

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

VMF system

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
DI24	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
VMF-E19I (1)	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
VMF-E3	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
VMF-E4DX	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
VMF-E4X	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
VMF-IR	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
VMF-SW	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
VMF-SW1	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
VMHI	P,PR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

(1) Mandatory accessory.

Water valves

Valve Kit for 4 pipe systems

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

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

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

3 way valve kit

	200	201	202	250	300	301	302	350	400	401	402	450
Main coil	VCZ41	VCZ41	VCZ41	VCZ41	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42
	VCZ4124	VCZ4124	VCZ4124	VCZ4124	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224
Secondary coil	-	VCF44	VCF44	-	-	VCF44	VCF44	-	-	VCF44	VCF44	-
	-	VCF4424	VCF4424	-	-	VCF4424	VCF4424	-	-	VCF4424	VCF4424	-
Additional coil “BV”	VCF44				VCF44				VCF44			
	VCF4424	-	-	-	VCF4424	-	-	-	VCF4424	-	-	-
	500	501	502	550	700	701	702	750	900	901	950	
Main coil	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ42	VCZ43	VCZ43	VCZ43	
	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4224	VCZ4324	VCZ4324	VCZ4324	
Secondary coil	-	VCF44	VCF44	-	-	VCF44	VCF44	-	-	VCF45	-	
	-	VCF4424	VCF4424	-	-	VCF4424	VCF4424	-	-	VCF4524	-	
Additional coil “BV”	VCF44				VCF44				VCF45			
	VCF4424	-	-	-	VCF4424	-	-	-	VCF4524	-	-	

VCF41 - 42 - 43; VCF44 - 45 (230V~50Hz)

VCZ4124 - 4224 - 4324; VCF4424 - 4524 (24V)

2 way valve kit

	200	201	202	250	300	301	302	350	400	401	402	450
Main coil	VCZD1	VCZD1	VCZD1	VCZD1	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2
	VCZD124	VCZD124	VCZD124	VCZD124	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224
Secondary coil	-	VCFD4	VCFD4	-	-	VCFD4	VCFD4	-	-	VCFD4	VCFD4	-
		VCFD424	VCFD424			VCFD424	VCFD424			VCFD424	VCFD424	
Additional coil "BV"	VCFD4				VCFD4				VCFD4			
	VCFD424	-	-	-	VCFD424	-	-	-	VCFD424	-	-	-
	500	501	502	550	700	701	702	750	900	901	950	
Main coil	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD3	VCZD3	VCZD3	
	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD324	VCZD324	VCZD324	
Secondary coil	-	VCFD4	VCFD4	-	-	VCFD4	VCFD4	-	-	VCFD4	-	
		VCFD424	VCFD424			VCFD424	VCFD424			VCFD424		
Additional coil "BV"	VCFD4				VCFD4				VCFD4			
	VCFD424	-	-	-	VCFD424	-	-	-	VCFD424	-	-	

VCZD1 - 2 - 3; VCFD4 (230V~50Hz)

VCZD124 - 224 - 324; VCF424 (24V)

Combined Adjustment and Balancing Valve Kit

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
VJP060 (1)	P,PR	.	.	.	.	.	.	.	.															
VJP060M (2)	P,PR	.	.	.	.	.	.	.	.															
VJP090 (1)	P,PR									.	.	.	.	.	.	.	.							
VJP090M (2)	P,PR									.	.	.	.	.	.	.	.							
VJP150 (1)	P,PR																	.	.	.	.	.	.	.
VJP150M (2)	P,PR																	.	.	.	.	.	.	.

(1) 230V~50Hz

(2) 24V

(Heating only) additional coil

Heating only additional coil

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

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

Installation accessories

Wall mounting kit

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

Condensate drip

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

(1) For vertical installation.

(2) For horizontal installation.

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

(1) For horizontal installation.

Condensate recirculation device

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

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

Ventilcassaforma

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

Cabinet housing with fixed fins.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
MZA200	PPR	.	.	.	.																			
MZA300	PPR					.	.	.	.															
MZA500	PPR								.	.	.	.	.	.	.	.	.							
MZA800	PPR																	.	.	.	.			
MZA900	PPR																					.	.	.

Cabinet housing with adjustable fins.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
MZU100	PPR	.	.	.	.																			
MZU300	PPR					.	.	.	.															
MZU500	PPR								.	.	.	.	.	.	.	.	.							
MZU800	PPR																	.	.	.	.			
MZU900	PPR																					.	.	.

Wall mounting and duct type installation accessories

Lower intake grille

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

Lower intake grille

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
GA200Z (1)	PPR	.	.	.	.																			
GA300Z (1)	PPR					.	.	.	.															
GA400Z (1)	PPR								.	.	.	.	.	.	.	.	.							
GA600Z (1)	PPR																	.	.	.	.	.	.	.

(1) In order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the intake/outlet grilles. The grilles cannot be directly coupled to the unit.

Intake grilles with fixed louvers and filter

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

Intake grilles with fixed louvers and filter

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
GAF200Z (1)	PPR	.	.	.	.																			
GAF300Z (1)	PPR					.	.	.	.															
GAF400Z (1)	PPR								.	.	.	.	.	.	.	.	.							
GAF600Z (1)	PPR																	.	.	.	.	.	.	.

(1) In order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the intake/outlet grilles. The grilles cannot be directly coupled to the unit.

Delivery grilles with adjustable louvers

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
GM22	PPR	.	.	.	.																			
GM32	PPR					.	.	.	.															
GM42	PPR									.	.	.	.	.	.	.	.							
GM62	PPR																	.	.	.	.	.	.	.

Delivery grilles with adjustable louvers

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
GA200Z (1)	PPR	.	.	.	.																			
GA300Z (1)	PPR					.	.	.	.															
GA400Z (1)	PPR									.	.	.	.	.	.	.	.							
GA600Z (1)	PPR																	.	.	.	.	.	.	.

(1) In order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the intake/outlet grilles. The grilles cannot be directly coupled to the unit.

Intake plenum in sheet metal complete with connectors for circular channels

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PA22	PPR	.	.	.	.																			
PA32	PPR					.	.	.	.															
PA42	PPR									.	.	.	.	.	.	.	.							
PA62	PPR																	.	.	.	.	.	.	.

Intake plenum providing recovery and delivery on the same side

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PA22F	PPR	.	.	.	.																			
PA32F	PPR					.	.	.	.															
PA42F	PPR									.	.	.	.	.	.	.	.							
PA62F	PPR																	.	.	.	.	.	.	.

Delivery plenum with circular flanges.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PM22	PPR	.	.	.	.																			
PM32	PPR					.	.	.	.															
PM42	PPR									.	.	.	.	.	.	.	.							
PM62	PPR																	.	.	.	.	.	.	.

Straight delivery coupling

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RD22	PPR	.	.	.	.																			
RD32	PPR					.	.	.	.															
RD42	PPR									.	.	.	.	.	.	.	.							
RD62	PPR																	.	.	.	.	.	.	.

Straight suction coupling

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RDA22	PPR	.	.	.	.																			
RDA32	PPR					.	.	.	.															
RDA42	PPR									.	.	.	.	.	.	.	.							
RDA62	PPR																	.	.	.	.	.	.	.

90° delivery coupling.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RP22	PPR	.	.	.	.																			
RP32	PPR					.	.	.	.															
RP42	PPR									.	.	.	.	.	.	.	.							
RP62	PPR																	.	.	.	.	.	.	.

90° suction coupling.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RPA22	PPR	.	.	.	.																			
RPA32	PPR					.	.	.	.															
RPA42	PPR									.	.	.	.	.	.	.	.							
RPA62	PPR																	.	.	.	.	.	.	.

Accessories for ducting**Plenum with motorised dampers.**

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
MZC220	PPR	.	.	.	.																			
MZC320	PPR					.	.	.	.															
MZC530	PPR									.	.	.	.	.	.	.	.							
MZC830	PPR																	.	.	.	.	.	.	.

Straight intake connection with rectangular flange.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RDA000V	P,PR	.	.	.	.																			
RDA100V	P,PR					.	.	.	.															
RDA200V	P,PR									.	.	.	.	.	.	.	.							
RDA300V	P,PR																	.	.	.	.	.	.	.

Intake plenum with rectangular flange.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RPA000V	P,PR	.	.	.	.																			
RPA100V	P,PR					.	.	.	.															
RPA200V	P,PR									.	.	.	.	.	.	.	.							
RPA300V	P,PR																	.	.	.	.	.	.	.

Suction plenum with plastic circular flanges.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PA000V	P,PR	.	.	.	.																			
PA100V	P,PR					.	.	.	.															
PA200V	P,PR									.	.	.	.	.	.	.	.							
PA300V	P,PR																	.	.	.	.	.	.	.

Internally insulated delivery plenum with circular flanges.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PM000V	P,PR	.	.	.	.																			
PM100V	P,PR					.	.	.	.															
PM200V	P,PR									.	.	.	.	.	.	.	.							
PM300V	P,PR																	.	.	.	.	.	.	.

Internally insulated delivery plenum with rectangular flange.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RPM000V	P,PR	.	.	.	.																			
RPM100V	P,PR					.	.	.	.															
RPM200V	P,PR									.	.	.	.	.	.	.	.							
RPM300V	P,PR																	.	.	.	.	.	.	.

Straight delivery coupling in galvanised sheet metal.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RDM000V	P,PR	.	.	.	.																			
RDM100V	P,PR					.	.	.	.															
RDM200V	P,PR									.	.	.	.	.	.	.	.							
RDM300V	P,PR																	.	.	.	.	.	.	.

Straight discharge internally insulated, with circular flanges.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RDMC000V	P,PR	.	.	.	.																			
RDMC100V	P,PR					.	.	.	.															
RDMC200V	P,PR									.	.	.	.	.	.	.	.							
RDMC300V	P,PR																	.	.	.	.	.	.	.

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

2-pipe

	FCZI200P			FCZI250P			FCZI300P			FCZI350P			FCZI400P			FCZI450P		
	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

Heating performance 70 °C / 60 °C (1)

Heating capacity	kW	2,02	2,95	3,70	2,20	3,18	4,05	3,47	4,46	5,50	3,77	4,92	6,15	4,32	5,74	7,15	4,57	6,29	7,82
Water flow rate system side	l/h	177	258	324	193	278	355	304	391	482	330	431	539	379	503	627	400	551	685
Pressure drop system side	kPa	6	12	18	7	15	23	7	12	18	8	14	20	9	16	24	6	11	16

Heating performance 45 °C / 40 °C (2)

Heating capacity	kW	1,00	1,46	1,84	1,09	1,58	2,01	1,72	2,21	2,73	1,87	2,44	3,06	2,14	2,85	3,55	2,27	3,12	3,88
Water flow rate system side	l/h	174	254	319	190	274	350	299	385	475	325	425	531	373	495	617	394	543	675
Pressure drop system side	kPa	6	12	18	8	15	22	8	12	18	8	14	20	10	16	24	6	11	16

Cooling performance 7 °C / 12 °C

Cooling capacity	kW	0,89	1,28	1,60	1,06	1,55	1,94	1,68	2,17	2,65	1,89	2,46	3,02	2,20	2,92	3,60	2,41	3,21	4,03
Sensible cooling capacity	kW	0,71	1,05	1,33	0,79	1,20	1,52	1,26	1,65	2,04	1,33	1,76	2,18	1,59	2,14	2,67	1,69	2,30	2,90
Water flow rate system side	l/h	153	221	275	182	267	334	288	374	456	350	460	560	379	503	619	414	552	694
Pressure drop system side	kPa	6	12	18	8	17	25	8	13	18	11	18	25	10	16	24	9	15	22

Fan

Type	type	Centrifugal			Centrifugal			Centrifugal			Centrifugal			Centrifugal			Centrifugal		
Fan motor	type	Inverter			Inverter			Inverter			Inverter			Inverter			Inverter		
Number	no.	1			1			2			2			2			2		
Air flow rate	m³/h	140	220	290	140	220	290	260	350	450	260	350	450	330	460	600	330	460	600
Input power	W	7	8	14	7	8	14	5	7	13	5	7	13	5	10	18	5	10	18
Signal 0-10V	%	44	68	90	44	68	90	52	70	90	52	70	90	49	68	90	49	68	90

Fan coil sound data (3)

Sound power level	dB(A)	35,0	46,0	51,0	35,0	46,0	51,0	34,0	41,0	48,0	34,0	41,0	48,0	37,0	44,0	51,0	37,0	44,0	51,0
Sound pressure level	dB(A)	27,0	38,0	43,0	27,0	38,0	43,0	26,0	33,0	40,0	26,0	33,0	40,0	29,0	36,0	43,0	29,0	36,0	43,0

Finned pack heat exchanger

Water content main heat exchanger	l	0,5			0,7			0,8			1,0			1,0			1,4		
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Diameter hydraulic fittings

Main heat exchanger	Ø	1/2"			1/2"			3/4"			3/4"			3/4"			3/4"		
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	FCZI500P			FCZI550P			FCZI700P			FCZI750P			FCZI900P			FCZI950P		
	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

Heating performance 70 °C / 60 °C (1)

Heating capacity	kW	5,27	7,31	8,50	5,82	8,34	9,75	8,10	9,80	11,00	9,10	11,30	12,50	10,77	13,35	15,14	11,20	14,42	17,10
Water flow rate system side	l/h	462	641	745	510	731	855	710	860	964	798	991	1096	945	1171	1328	982	1264	1500
Pressure drop system side	kPa	12	21	28	10	20	26	17	24	29	10	15	18	12	17	22	16	24	33

Heating performance 45 °C / 40 °C (2)

Heating capacity	kW	2,62	3,63	4,22	2,89	4,14	4,85	4,03	4,87	5,47	4,52	5,62	6,21	5,35	6,64	7,53	5,57	7,17	8,50
Water flow rate system side	l/h	455	631	734	502	720	842	699	846	950	786	975	1079	930	1152	1307	967	1245	1476
Pressure drop system side	kPa	12	21	28	10	20	26	16	24	29	10	14	18	12	17	22	15	24	33

Cooling performance 7 °C / 12 °C

Cooling capacity	kW	2,68	3,69	4,25	2,91	4,13	4,79	3,92	4,89	5,50	4,27	5,34	6,14	4,29	5,00	6,91	5,77	7,32	8,60
Sensible cooling capacity	kW	1,94	2,73	3,18	2,07	2,98	3,49	2,99	3,76	4,30	3,20	4,05	4,72	2,97	3,78	5,68	3,80	4,87	5,78
Water flow rate system side	l/h	460	634	731	501	711	824	675	841	946	734	918	1056	738	860	1189	992	1259	1479
Pressure drop system side	kPa	13	22	29	12	22	28	16	24	30	10	14	18	10	12	22	15	22	30

Fan

Type	type	Centrifugal			Centrifugal			Centrifugal			Centrifugal			Centrifugal			Centrifugal		
Fan motor	type	Inverter			Inverter			Inverter			Inverter			Inverter			Inverter		
Number	no.	2			2			3			3			3			3		
Air flow rate	m³/h	400	600	720	400	600	720	700	930	1140	700	930	1140	700	930	1140	700	930	1140
Input power	W	7	18	31	4	10	19	30	40	80	30	40	80	30	40	80	30	40	80
Signal 0-10V	%	50	74	90	50	74	90	56	72	90	56	72	90	56	72	90	56	72	90

Fan coil sound data (3)

Sound power level	dB(A)	42,0	51,0	56,0	42,0	51,0	56,0	50,0	57,0	62,0	50,0	57,0	62,0	51,0	57,0	62,0	51,0	57,0	62,0
Sound pressure level	dB(A)	34,0	43,0	48,0	34,0	43,0	48,0	42,0	49,0	54,0	42,0	49,0	54,0	43,0	49,0	54,0	43,0	49,0	54,0

Finned pack heat exchanger

Water content main heat exchanger	l	1,0			1,4			1,2			1,6			1,8			2,3		
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Diameter hydraulic fittings

Main heat exchanger	Ø	3/4"			3/4"			3/4"			3/4"			3/4"			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) 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

	FCZI201P			FCZI301P			FCZI401P			FCZI501P			FCZI701P			FCZI901P			
	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	
Heating performance 65 °C / 55 °C (1)																			
Heating capacity	kW	1,02	1,35	1,60	1,80	2,18	2,56	2,21	2,65	3,12	2,59	3,34	3,73	3,66	4,29	4,94	4,73	5,63	5,72
Water flow rate system side	l/h	89	118	140	158	191	224	186	232	273	227	293	327	320	375	437	414	492	501
Pressure drop system side	kPa	4	8	10	16	23	30	4	6	8	6	8	10	11	14	18	8	12	12
Cooling performance 7 °C / 12 °C																			
Cooling capacity	kW	0,89	1,28	1,60	1,68	2,17	2,65	2,20	2,92	3,60	2,68	3,69	4,25	3,92	4,89	5,50	4,29	5,00	6,91
Sensible cooling capacity	kW	0,71	1,05	1,33	1,26	1,65	2,04	1,59	2,14	2,67	1,94	2,73	3,18	2,99	3,76	4,30	2,97	3,78	5,68
Water flow rate system side	l/h	153	221	275	288	374	456	379	503	619	460	634	731	675	841	946	738	860	1189
Pressure drop system side	kPa	6	12	18	8	13	18	10	16	24	13	22	29	16	24	30	10	12	22
Fan																			
Type	type	Centrifugal																	
Fan motor	type	Inverter																	
Number	no.	1			2			2			2			3			3		
Air flow rate	m³/h	140	220	290	260	350	450	330	460	600	400	600	720	700	930	1140	700	930	1140
Input power	W	7	8	14	5	7	13	5	10	18	7	16	31	30	40	80	30	40	80
Signal 0-10V	%	44	68	90	52	70	90	49	68	90	50	74	90	56	72	90	56	72	90
Fan coil sound data (2)																			
Sound power level	dB(A)	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0	50,0	57,0	62,0	51,0	57,0	62,0
Sound pressure level	dB(A)	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0	42,0	49,0	54,0	43,0	49,0	54,0
Finned pack heat exchanger																			
Water content main heat exchanger	l	0,5			0,8			1,0			1,0			1,2			1,8		
Water content secondary heat exchanger	l	0,2			0,3			0,3			0,3			0,4			0,7		
Diameter hydraulic fittings																			
Main heat exchanger	Ø	1/2"			3/4"			3/4"			3/4"			3/4"			3/4"		
Secondary heat exchanger	Ø	1/2"																	

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

(2) 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

	FCZI200P			FCZI250P			FCZI300P			FCZI350P			FCZI400P			FCZI450P			FCZI500P			FCZI550P		
	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

Heating performance 70 °C / 60 °C (1)

Heating capacity	kW	1,81	3,16	3,34	2,01	3,40	3,62	3,08	4,83	5,23	3,32	5,43	5,83	3,96	5,85	6,34	4,10	6,44	6,96	5,39	7,28	7,63	5,92	8,37	8,71
Water flow rate system side	l/h	156	272	287	173	292	311	265	415	450	285	467	502	341	503	545	353	554	599	464	626	656	509	720	749
Pressure drop system side	kPa	6	13	16	7	17	19	7	14	16	7	17	19	9	17	19	5	12	13	12	22	23	11	20	21

Heating performance 45 °C / 40 °C (2)

Heating capacity	kW	0,90	1,57	1,66	1,00	1,69	1,80	1,53	2,40	2,60	1,65	2,70	2,90	1,97	2,91	3,15	2,04	3,20	3,46	2,68	3,62	3,79	2,94	4,16	4,33
Water flow rate system side	l/h	155	270	288	172	291	308	263	413	447	284	464	499	339	501	542	351	550	595	461	623	652	506	715	745
Pressure drop system side	kPa	6	13	16	7	17	19	7	14	16	7	17	19	9	17	19	5	12	13	12	22	23	11	20	21

Cooling performance 7 °C / 12 °C

Cooling capacity	kW	0,80	1,37	1,45	0,95	1,67	1,76	1,40	2,38	2,53	1,66	2,70	2,88	2,03	2,98	3,21	2,22	3,28	3,55	2,73	3,68	3,84	2,97	4,15	4,31
Sensible cooling capacity	kW	0,63	1,13	1,20	0,70	1,29	1,37	1,10	1,82	1,94	1,15	1,94	2,07	1,45	2,18	2,36	1,54	2,35	2,56	1,98	2,73	2,85	2,11	2,98	3,12
Water flow rate system side	l/h	138	236	249	163	287	303	241	409	435	285	464	495	349	512	552	382	564	610	469	633	660	511	714	741
Pressure drop system side	kPa	5	13	16	8	17	19	7	14	16	9	17	19	9	17	19	8	12	13	13	22	23	12	20	21

Fan

Type	type	Centrifugal																							
Fan motor	type	Inverter																							
Number	no.	1		1		2		2		2		2		2		2		2		2		2		2	
Air flow rate	m³/h	123	240	257	123	240	257	225	390	424	225	390	424	300	470	515	300	470	515	410	600	630	410	600	630
High static pressure	Pa	13	50	57	13	50	57	16	50	59	16	50	53	20	50	60	20	50	56	23	50	55	23	50	55
Input power	W	7	27	31	7	27	31	10	11	40	10	30	40	14	38	48	14	38	48	18	50	60	18	50	60
Signal 0-10V	%	43	84	90	43	84	90	48	83	90	48	83	90	52	82	90	52	82	90	58	85	90	58	85	90

Duct type fan coil sound data (3)

Sound power level (inlet + radiated)	dB(A)	37,0	57,0	59,0	37,0	57,0	59,0	36,0	50,0	53,0	36,0	50,0	53,0	43,0	53,0	55,0	43,0	53,0	55,0	45,0	56,0	57,0	45,0	56,0	57,0
Sound power level (outlet)	dB(A)	33,0	53,0	55,0	33,0	53,0	55,0	32,0	47,0	49,0	32,0	47,0	49,0	39,0	49,0	52,0	39,0	49,0	52,0	42,0	52,0	52,0	42,0	52,0	52,0

Finned pack heat exchanger

Water content main heat exchanger	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 heat exchanger	Ø	1/2"		1/2"		3/4"		3/4"		3/4"		3/4"		3/4"		3/4"	
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	FCZI700P			FCZI750P			FCZI900P			FCZI950P		
	1	2	3	1	2	3	1	2	3	1	2	3
	L	M	H	L	M	H	L	M	H	L	M	H

Heating performance 70 °C / 60 °C (1)

Heating capacity	kW	5,33	8,34	8,88	6,17	9,52	10,15	6,58	11,15	11,87	6,68	11,63	12,66
Water flow rate system side	l/h	468	732	779	541	835	890	566	958	1021	574	1000	1088
Pressure drop system side	kPa	8	17	20	5	11	12	5	13	14	6	17	19

Heating performance 45 °C / 40 °C (2)

Heating capacity	kW	2,67	4,15	4,40	2,46	4,69	5,00	3,27	5,54	5,90	3,32	5,78	6,29
Water flow rate system side	l/h	460	720	767	418	806	860	562	953	1015	571	994	1082
Pressure drop system side	kPa	8	18	20	3	11	12	5	13	14	6	17	19

Cooling performance 7 °C / 12 °C

Cooling capacity	kW	2,20	4,00	4,30	2,60	4,41	4,70	2,81	4,80	5,20	3,58	6,00	6,46
Sensible cooling capacity	kW	1,71	3,00	3,20	1,90	3,30	3,50	2,10	3,60	3,90	2,33	3,94	4,27
Water flow rate system side	l/h	378	688	739	447	760	818	483	825	894	616	1032	1111
Pressure drop system side	kPa	7	18	20	4	11	12	5	13	14	7	17	19

Fan

Type	type	Centrifugal											
Fan motor	type	Inverter											
Number	no.	3			3			3			3		
Air flow rate	m³/h	405	730	799	405	730	799	405	730	799	405	730	799
High static pressure	Pa	15	50	60	15	50	60	15	50	60	15	50	60
Input power	W	21	61	78	21	61	78	21	61	78	21	61	78
Signal 0-10V	%	46	82	90	46	82	90	45	84	90	45	84	90

Duct type fan coil sound data (3)

Sound power level (inlet + radiated)	dB(A)	41,0	55,0	58,0	41,0	55,0	58,0	44,0	55,0	58,0	44,0	55,0	58,0
Sound power level (outlet)	dB(A)	36,0	51,0	54,0	36,0	51,0	54,0	40,0	51,0	54,0	40,0	51,0	54,0

Finned pack heat exchanger

Water content main heat exchanger	l	1,2		1,6		1,8		2,3	
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Diameter hydraulic fittings

Main heat exchanger	Ø	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) 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

	FCZI201P			FCZI301P			FCZI401P			FCZI501P			FCZI701P			FCZI901P		
	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

Heating performance 65 °C / 55 °C (1)

Heating capacity	kW	0,94	1,42	1,49	1,60	2,34	2,47	1,99	2,69	2,85	2,62	3,59	3,45	2,99	3,70	3,92	3,17	5,09	5,47
Water flow rate system side	l/h	81	122	128	138	201	212	171	231	245	225	309	297	257	318	337	273	438	470
Pressure drop system side	kPa	4	9	9	6	12	13	4	7	8	6	9	9	8	12	13	4	10	11

Cooling performance 7 °C / 12 °C

Cooling capacity	kW	0,80	1,37	1,45	1,40	2,38	2,53	2,03	2,98	3,21	2,73	3,68	3,84	2,20	4,00	4,30	2,80	4,80	5,24
Sensible cooling capacity	kW	0,63	1,13	1,20	1,10	1,82	1,94	1,45	2,18	2,36	1,98	2,73	2,85	1,71	3,00	3,20	2,10	3,60	3,90
Water flow rate system side	l/h	138	236	249	241	409	435	349	512	552	469	633	660	378	688	739	482	825	901
Pressure drop system side	kPa	5	14	16	7	15	17	9	13	20	13	23	25	6	18	20	5	12	13

Fan

Type	type	Centrifugal																	
Fan motor	type	Inverter																	
Number	no.	1			2			2			2			3			3		
Air flow rate	m³/h	123	240	257	225	390	424	300	470	515	410	600	630	405	730	799	405	730	799
High static pressure	Pa	13	50	57	16	50	59	20	50	60	23	50	55	15	50	60	15	50	60
Input power	W	7	27	31	10	31	40	14	38	58	18	50	60	21	61	78	21	61	78
Signal 0-10V	%	43	84	90	48	83	90	52	82	90	58	85	90	46	82	90	45	84	90

Duct type fan coil sound data (2)

Sound power level (inlet + radiated)	dB(A)	37,0	57,0	59,0	36,0	50,0	53,0	43,0	53,0	55,0	45,0	56,0	57,0	41,0	55,0	58,0	41,0	55,0	58,0
Sound power level (outlet)	dB(A)	33,0	53,0	55,0	32,0	47,0	49,0	39,0	49,0	52,0	42,0	52,0	52,0	36,0	51,0	54,0	36,0	51,0	54,0

Finned pack heat exchanger

Water content main heat exchanger	l	0,5			0,8			1,0			1,0			1,2			1,8		
Water content secondary heat exchanger	l	0,2			0,3			0,3			0,3			0,4			0,7		

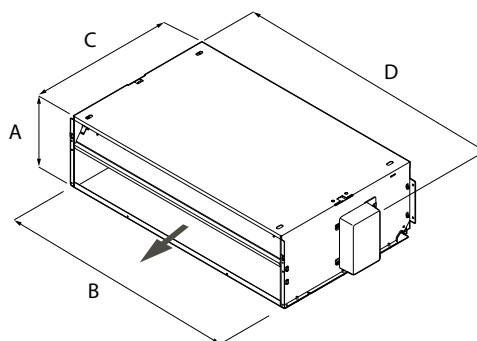
Diameter hydraulic fittings

Main heat exchanger	Ø	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"
Secondary heat exchanger	Ø	1/2"					

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

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

DIMENSIONS



		FCZI200P	FCZI200PAF	FCZI250P	FCZI250PAF	FCZI300P	FCZI300PAF
Dimensions and weights							
A	mm	216	-	216	-	216	-
B	mm	522	-	522	-	753	-
C	mm	453	-	453	-	453	-
D	mm	562	-	562	-	793	-
Net weight	kg	12,0	-	14,0	-	14,0	-
		FCZI350P	FCZI400P	FCZI400PAF	FCZI450P	FCZI500P	FCZI500PAF
Dimensions and weights							
A	mm	216	216	-	216	216	-
B	mm	753	973	-	973	973	-
C	mm	453	453	-	453	453	-
D	mm	793	1013	-	1013	1013	-
Net weight	kg	16,0	20,0	-	22,0	23,0	-
		FCZI550P	FCZI550PAF	FCZI700P	FCZI700PAF	FCZI750P	FCZI750PAF
Dimensions and weights							
A	mm	216	-	216	-	216	-
B	mm	973	-	1122	-	1122	-
C	mm	453	-	453	-	453	-
D	mm	1013	-	1147	-	1147	-
Net weight	kg	24,0	-	29,0	-	31,0	-
		FCZI900P	FCZI900PAF	FCZI950P	FCZI950PAF	Pre_acc	
Dimensions and weights							
A	mm	216	-	216	-	-	-
B	mm	1122	-	1122	-	-	-
C	mm	558	-	558	-	-	-
D	mm	1147	-	1147	-	-	-
Net weight	kg	32,0	-	32,0	-	-	-
		FCZI201P	FCZI202P	FCZI301P	FCZI302P	FCZI401P	FCZI402P
Dimensions and weights							
A	mm	216	216	216	216	216	216
B	mm	522	522	753	753	973	973
C	mm	453	453	453	453	453	453
D	mm	562	562	793	793	1013	1013
Net weight	kg	13,0	14,0	15,0	16,0	21,0	22,0
		FCZI501P	FCZI502P	FCZI701P	FCZI702P	FCZI901P	
Dimensions and weights							
A	mm	216	216	216	216	216	
B	mm	973	973	1122	1122	1122	
C	mm	453	453	453	453	558	
D	mm	1013	1013	1147	1147	1147	
Net weight	kg	23,0	24,0	30,0	31,0	32,0	

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

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