FCZ P

Fan coils
concealed installation

Aermec is participating in the EUROVENT Program : FCH The related products can be found at the website www.eurovent-certification.com

Variable Multi Flow

VMF

- **FULLY SILENT FUNCTIONING**
- **FULL COMFORT: REDUCED TEMPERATURE AND RELATIVE HUMIDITY OSCILLATIONS**
- **IDEAL ALSO FOR DUCTED INSTALLATION**

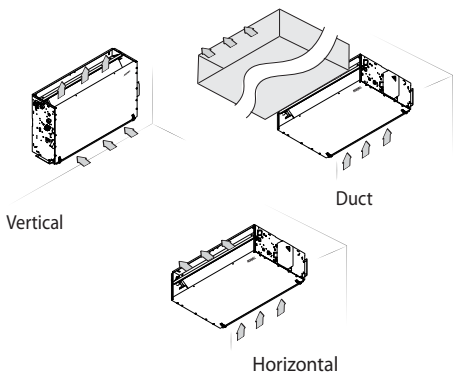
Features

Drawing from its wide experience in the field of fan coils, Aermec presents the new series FCZ_P for duct installations.
They can be installed on any system with 2/4 pipe and it fits with any heat generator even at low temperatures, and thanks to varied versions and settings, it is easy to pick the ideal solution for any need.

Versions Without control in built,
Vertical or horizontal installation:
FCZ_P
FCZ_PO
FCZ_PPC

- 3-speed ventilating unit.
- Electric motors with permanently inserted condensers
- Low loss of charge in the heat exchanger
- Easy installation and maintenance
G2 air filter for all versions. **APC versions is equipped with Plasmacluster purifier**
- Extractable shrouds for easy, effective cleaning
- The hydraulic connections can be inverted during installation (only valid for units with a single coil, those with a supplementary coil cannot be inverted).

Versions Description



Versions

- **FCZ_P**
  - Concealed without cabinet
- **FCZ_PPC**
  - Concealed with Plasmacluster purifier
- **FCZ_PO**
  - Concealed (ideal also for ducted installation)

Vertical or horizontal installation
- For 2/4 pipe system

Choosing the unit

By appropriately combining the variety of options available, each model can be configured in order to meet all specific system requirements.

Field	Code
1,2,3	**FCZ**
4	**Size**
	1-2-3-4-5-6-7-8-9-10
5	**Maincoil**
	0 Standard
	5 Oversized (1)
6	**Supplementary coil**
	0 Without heat exchanger
	1 Standard
	2 Oversized

7,8	Versions
P	Concealed mounted without cabinet
PO	Concealed with oversized motor
PPC	Concealed with Plasmacluster purifier

(1) Oversized coil **"5"** does not allow the installation of the supplementary coil **"1 or 2"**

Size available for version

Versions	Size available with main coil only (2 pipes)																		
FCZ	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
P	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PO	/	/	•	•	•	•	•	•	•	•	•	•	•	•	/	/	•	•	/
PPC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Versions	Size available with main and supplementary coil (4 pipes)																	
FCZ	101	102	201	202	301	302	401	402	501	502	601	602	701	702	801	802	901	1001
P	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PO	/	/	•	•	•	•	•	•	•	•	•	•	•	•	/	•	•	/
PPC	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Accessories

Control panel

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

Probes and accessory for control panels

- **SW3:** water temperature probe allowing automatic season change on electronic controllers supplied with water-side change over
- **SWA:** external probe accessory (length = 6m). The probe detects the temperature of the ambient air if connected to the connector (A) on panel FMT21; the ambient air temperature probe incorporated in the panel is automatically deactivated. Detects the temperature of the water in the system, for ventilation consent, if connected to the connector (W) of the FMT21 panel. Two SWA probes can be simultaneously connected to the panel FMT21.
- **SIT 3 - 5**: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel (selector or thermostat).
  SIT3: 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.
  SIT5: commands the 3 fan speeds and up to 2 valves (four pipe systems); sends the thermostat's commands to the fan coil network.

VMF system

- **VMF-E0:** Thermostat accessory to be mounted on the side of the fancoil, equipped with air and water sensors as standard; controls 2 pipe, 4 pipe, 2 pipe + Plasmacluster, 2 pipe + UV lamps, 2 pipe + electrical heater systems. Equipped with external contact to be used as low voltage remote ON-OFF. This thermostat can create a single fancoil zone through 2-wire serial communication (1 master + maximum 5 slaves). The thermostat is fuse protected.
- **VMF-E4**: Wall mounted user interface allowing control via a capacitive touch keyboard.
- **VMF-E5**: Wall recessed panel allowing control of a complete hydronic system via a capacitive touch keyboard.
- **VMF-E1**: Thermostat for serial communication.
- **VMF-SW**: Water sensor replacing that supplied with VMF-E1 thermostats for installation upstream of the valve.
- **VMF-SW1:** Additional water sensor for 4-pipe systems with E1 thermostats offering maximum control in the cooling range.

Hot water coil

- **BV**: Single row hot water heat exchanger. Not available for versions with Plasmacluster.

Electrical heater

- **RX**: Armoured electrical coil with safety thermostat (requires a thermostat with heater management). Not available for 4-row or Plasmacluster versions

Valve kit

- **VCZ_X4**: **Valve kits for single coil units, installed in 4 pipe systems with totally separated "Cooling" and "Heating"** circuits. The kit consists of 2 valves with 3-way 4 port connection complete with electro-thermal actuators, insulating shells for the valves and associated hydraulic piping. The VCF1X4L valve kit allows left side connection.
- **VCZ or VCF**: **kit containing a motorised 3-way valve with insulating shell** plus coupling and pipes in insulated copper. Applicable for standard or oversized main coil. Available with 230V and 24V~50Hz power supply.
- **VCZD or VCFD: Kit consisting of powered 2-way valve,** copper couplings and pipes applicable for standard or oversized main coil. Available with 230V and 24V~50Hz power supply.
- **VJP/VJP_M: Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit, supplied without fittings and hydraulic components.** The valve, which can guarantee a constant water flow rate in the terminal, within its operating range, is available with 230V and 24V~50Hz power supply.
  The VJP is controlled by on-off logic with compatible control panels (accessories)
  The VJP_M is controlled by modulating logic with panels not supplied by Aermec
  The design water flow rate is crucial to refine the selection of the valve shown in the compatibility table.

Accessory for Installation

- **AMP**: kit for the wall mounting installation.
- **BC**: Auxiliary condensate drip tray.
- **CHF**: The VentilCassaforma is a galvanised sheet steel template, for P versions, which allows you to obtain a space for housing the fan coil, directly in the wall.
- **DSC4**: Condensate drainage device for use when natural run-off is not possible.
- **PA**: Galvanised sheet steel intake plenum equipped with intake fittings for circular section ducts.
- **PA-F**: Intake plenum, which allows recovery and flow on the same side. It is suitable for all those installations outside air-conditioned rooms, in order to minimise noise and facilitate maintenance operations.
- **PM**: Galvanised sheet steel flow plenum, externally insulated, equipped with plastic flow fittings for ducts and circular sections.
- **RD**: Straight flow fitting for ducting.
- **RDA**: Straight intake fitting for ducting.
- **RP**: 90° flow fitting for ducting
- **RPA**: 90° intake fitting for ducting.

DUCTING ACCESSORIES

- **MZC:** Plenum with motor-driven dampers
- **RDA_V**: Straight intake connection with rectangular flange.
- **RDAC_V**: Straight intake connection with circular flanges.
- **RPA_V**: Intake plenum with rectangular flange.
- **RDMC_V**: Straight discharge with circular flanges. Internally insulated.
- **PA_V**: Intake plenum with circular flanges. Flanges in plastic material.
- **RPM_V**: Discharge plenum with rectangular flange. Internally insulated.
- **PM_V**: Discharge plenum with circular flanges. Internally insulated. Flanges in plastic material.
- **KFV10**: Circular flanges kit for intake/discharge plenum.

Grid

- **GA**: Intake grid with fixed louvers.
- **GAF**: Intake grid with fixed louvers with filter.
- **GM**: Flow grid with adjustable louvers.

For more details on the control panels and VMF system refer to the dedicated sheet

Compatibility of accessories

			Size with single Heat Exchanger																	
FCZ_P			**100**	**150**	**200**	**250**	**300**	**350**	**400**	**450**	**500**	**550**	**600**	**650**	**700**	**750**	**800**	**850**	**900**	**950**	**1000**
Probes and accessories for control panels																					
KTLP	P-PO		•	•	•	•	•	•	•	•	•	•	*	*	*	*	*	*	•	•	•
PX-PX2-PX2C6	P-PO	(1)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PXAE	P-PPC-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PXAR	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TPF	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WMT05-06-10	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FMT21	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SWA	P-PO		In combination with FMT21																		
SW3	P-PO		In combination with PXAE or PXAR																		
SIT3	P-PO		In combination with FMT21 or PXAE or PXAR or PX2 or PX or PX2C6 WMT05-06-10																		
SIT5	P-PPC-PO		In combination with FMT21 or PXAE or PXAR																		
VMF System																					
VMF-E0	P-PPC-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-E1	P-PPC-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-E4	P-PPC-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-SW	P-PPC-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-SW1	P-PPC-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Additional coil (heating only)																					
BV117	P-PO		•																		
BV122	P-PO				•																
BV132	P-PO						•														
BV142	P-PO								•		•										
BVZ800	P-PO												•		•		•				
BV162	P-PO																		•		•
Electrical Heat Exchanger																					
RX17	P-PO		•																		
RX22	P-PO				•																
RX32	P-PO						•														
RX42	P-PO								•												
RX52	P-PO										•										
RXZ800	P-PO												•		•		•				
RX62	P-PO																		•		•
Water valves **																					
Valve Kit for 4 pipe systems with Main coil																					
VCZ1X4L-R	P-PO		•	•	•	•															
VCZ2X4L-R	P-PO						•	•	•	•	•	•	•	•	•	•	•	•			
VCZ3X4L-R	P-PO																		•	•	•
3 way valve kit																					
VCZ41/4124	P-PPC-PO	(2)	•	•	•	•															
VCZ42/4224	P-PPC-PO	(2)					•	•	•	•	•	•	•	•	•	•	•	•			
VCZ43/4324	P-PPC-PO	(2)																	•	•	•
2 way valve kit																					
VCZD1/124	P-PPC-PO	(2)	•	•	•	•															
VCZD2/224	P-PPC-PO	(2)					•	•	•	•	•	•	•	•	•	•	•	•			
VCZD3/324	P-PPC-PO	(2)																	•	•	•
Combined adjustment and balancing valve independent of pressure																					
VJP060	P-PPC-PO		•	•	•	•	•	•													
VJP090	P-PPC-PO								•	•	•	•	•	•							
VJP150	P-PPC-PO												•	•	•	•	•	•	•	•	•
VJP060M	P-PPC-PO	(2)	•	•	•	•	•	•													
VJP090M	P-PPC-PO	(2)							•	•	•	•	•	•							
VJP150M	P-PPC-PO	(2)											•	•	•	•	•	•	•	•	•

PO version only available for size from 2 to 9
For more details on the control panels and VMF system refer to the dedicated sheet.
* Contact Aermec
****The water valves can be combined with the unit if it is also provided a control panel that controls**
(1) **Only for wall installation;** (PX2C6 panel PX2 in multiple 6 pz.)
(2) VCZ4124-VCZ4224-VCZ4324-VCZD124-VCZD224-VCZD324-VJP060M-VJP090M-VJP150M are 24V

Compatibility of accessories

			Size with single Heat Exchanger																		
FCZ_P			100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
Installation accessories																					
AMP20	P-PPC-PO		•	•	•	•	•	•	•	•	•	•									
AMPZ	P-PPC-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DSC4	P-PPC-PO	(3)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ZX7	P-PPC-PO		•	•	•	•	•	•	•	•	•	•									
ZX8	P-PPC-PO												•	•	•	•	•	•	•	•	•
Auxiliary condensate drip tray																					
BC4	P-PPC-PO	(4)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
BC5	P-PPC-PO	(5)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
BC6	P-PPC-PO	(5)																	•	•	•
BC8	P-PPC-PO	(5)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
BC9	P-PPC-PO	(5)																	•	•	•
Ventilcassaforma																					
CHF17	P-PPC		•	•																	
CHF22	P-PPC-PO				•	•															
CHF32	P-PPC-PO						•	•													
CHF42	P-PPC-PO								•	•	•	•									
CHF62	P-PPC-PO												•	•	•	•	•	•	•	•	•
Grille																					
GA17	P-PPC		•	•																	
GA22	P-PPC-PO				•	•															
GA32	P-PPC-PO						•	•													
GA42	P-PPC-PO								•	•	•	•									
GA62	P-PPC-PO												•	•	•	•	•	•	•	•	•
GAF17	P-PPC		•	•																	
GAF22	P-PPC-PO				•	•															
GAF32	P-PPC-PO						•	•													
GAF42	P-PPC-PO								•	•	•	•									
GAF62	P-PPC-PO												•	•	•	•	•	•	•	•	•
GM17	P-PPC		•	•																	
GM22	P-PPC-PO				•	•															
GM32	P-PPC-PO						•	•													
GM42	P-PPC-PO								•	•	•	•									
GM62	P-PPC-PO												•	•	•	•	•	•	•	•	•
Accessories for installation																					
PA17	P-PPC		•	•																	
PA22	P-PPC-PO				•	•															
PA32	P-PPC-PO						•	•													
PA42	P-PPC-PO								•	•	•	•									
PA62	P-PPC												•	•	•	•	•	•	•	•	•
PA17F	P-PPC		•	•																	
PA22F	P-PPC-PO				•	•															
PA32F	P-PPC-PO						•	•													
PA42F	P-PPC-PO								•	•	•	•									
PA62F	P-PPC												•	•	•	•	•	•	•	•	•
PM17	P-PPC		•	•																	
PM22	P-PPC-PO				•	•															
PM32	P-PPC-PO						•	•													
PM42	P-PPC-PO								•	•	•	•									
PM62	P-PPC												•	•	•	•	•	•	•	•	•
RD17	P-PPC		•	•																	
RD22	P-PPC-PO				•	•															
RD32	P-PPC-PO						•	•													
RD42	P-PPC-PO								•	•	•	•									
RD62	P-PPC												•	•	•	•	•	•	•	•	•

(3) DSC4 It's not available with AMPZ
(4) For vertical installation. BC4 is not available whith valve VCZ-VCZD / VCF-VCFD
(5) For horizontal installation

Compatibility of accessories

			Size with single Heat Exchanger																	
FCZ_P			**100**	**150**	**200**	**250**	**300**	**350**	**400**	**450**	**500**	**550**	**600**	**650**	**700**	**750**	**800**	**850**	**900**	**950**	**1000**
RDA17	P-PPC		•	•																	
RDA22	P-PPC-PO				•	•															
RDA32	P-PPC-PO						•	•													
RDA42	P-PPC-PO								•	•	•	•									
RDA62	P-PPC												•	•	•	•	•	•	•	•	•
RPA17	P-PPC		•	•																	
RPA22	P-PPC-PO				•	•															
RPA32	P-PPC-PO						•	•													
RPA42	P-PPC-PO								•	•	•	•									
RPA62	P-PPC												•	•	•	•	•	•	•	•	•
Plenum for duct installation																					
MZC220	PO				•	•															
MZC320	PO						•	•													
MZC530	PO								•	•	•	•									
MZC830	PO												•	•	•	•	•	•	•	•	
RDA000V	PO				•	•															
RDA100V	PO						•	•													
RDA200V	PO								•	•	•	•									
RDA300V	PO												•	•	•	•			•	•	
RPA000V	PO	(6)			•	•															
RPA100V	PO	(6)					•	•													
RPA200V	PO	(6)							•	•	•	•									
RPA300V	PO	(6)											•	•	•	•			•	•	
RDAC000V	PO				•	•															
RDAC100V	PO						•	•													
RDAC200V	PO								•	•	•	•									
RDAC300V	PO												•	•	•	•			•	•	
PA000V	PO	(6)			•	•															
PA100V	PO	(6)					•	•													
PA200V	PO	(6)							•	•	•	•									
PA300V	PO	(6)											•	•	•	•			•	•	
PM000V	PO	(6)			•	•															
PM100V	PO	(6)					•	•													
PM200V	PO	(6)							•	•	•	•									
PM300V	PO	(6)											•	•	•	•			•	•	
RPM000V	PO	(6)			•	•															
RPM100V	PO	(6)					•	•													
RPM200V	PO	(6)							•	•	•	•									
RPM300V	PO	(6)											•	•	•	•			•	•	
RDMC000V	PO				•	•															
RDMC100V	PO						•	•													
RDMC200V	PO								•	•	•	•									
RDMC300V	PO												•	•	•	•			•	•	

PO version only available for size from 2 to 9

(6) All the Plenums (RPA_V; PA_V; RPM_V; PM_V) have a circular push-outs (Ø=150mm) on both sides, which can be removed, All the can have intake/discharge either straight or downwards (straight or downwards with reference to horizontal installation).

Compatibility of accessories

			Sizes available for 4-pipe system (Main coil + Secondary coil)																	
FCZ_P			101	102	201	202	301	302	401	402	501	502	601	602	701	702	801	802	901	1001
Probes and accessories for control panels																				
KTLP	P-PO		•	•	•	•	•	•	•	•	•	•	*	*	*	*	*	*	•	•
PXAE	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TPF	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WMT06-10	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FMT21	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SWA	P-PO		In combination with FMT21																	
SW3	P-PO		In combination with PXAE																	
SIT3	P-PO		In combination with FMT21 or PXAE or PXAR or PX2 or PX or PX2C6 WMT05-06-10																	
SIT5	P-PO		In combination with FMT21 or PXAE or PXAR																	
VMF System																				
VMF-E0	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-E1	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-E4	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-SW	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-SW1	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Water valve**																				
3 way valve kit																				
VCZ41/4124	P-PO	(2)	•	•	•	•														
VCZ42/4224	P-PO	(2)					•	•	•	•	•	•	•	•	•	•	•	•		
VCZ43/4324	P-PO	(2)																	•	•
2 way valve kit																				
VCZD1/124	P-PO	(2)	•	•	•	•														
VCZD2/224	P-PO	(2)					•	•	•	•	•	•	•	•	•	•	•	•		
VCZD3/324	P-PO	(2)																	•	•
3 way valve kit for heating coil only																				
VCF44/4424	P-PO	(2)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
VCF45/4524	P-PO	(2)																	•	•
2 way valve kit for heating coil only																				
VCFD4/424	P-PO	(2)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Combined adjustment and balancing valve independent of pressure																				
VJP060	P-PO		•	•	•	•	•	•												
VJP090	P-PO								•	•	•	•	•	•						
VJP150	P-PO												•	•	•	•	•	•	•	•
VJP060M	P-PO	(2)	•	•	•	•	•	•												
VJP090M	P-PO	(2)							•	•	•	•	•	•						
VJP150M	P-PO	(2)											•	•	•	•	•	•	•	•
Accessories for installation																				
AMP20	P-PO		•	•	•	•	•	•	•	•	•	•								
AMPZ	P-PO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DSC4	P-PO	(3)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ZX7	P-PO		•	•	•	•	•	•	•	•	•	•								
ZX8	P-PO												•	•	•	•	•	•	•	•
Auxiliary condensate drip tray																				
BC4	P	(4)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
BC5	P	(5)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
BC6	P	(5)																	•	•
BC8	P-PO	(5)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
BC9	P-PO	(5)																	•	•
Ventilcassaforma																				
CHF17	P		•	•																
CHF22	P				•	•														
CHF32	P						•	•												
CHF42	P								•	•	•	•								
CHF62	P												•	•	•	•	•	•	•	•

PO version only available for size from 2 to 9
* Contact Aermec
****The water valves can be combined with the unit if it is also provided a control panel that controls**
VJP / VJP_M The compatibility of the hot water valves with the designed air flow in a four-pipe installation is to be verified.
(2) VCZ4124-VCZ4224-VCZ4324-VCZD124-VCZD224-VCZD324-VCZ4424-VCF4524-VCFD424 are 24V
(3)DSC4 It's not available with AMPZ
(4) For vertical installation
(5) For horizontal installation

Compatibility of accessories

		Sizes available for 4-pipe system (Main coil + Secondary coil)																	
FCZ_P		101	102	201	202	301	302	401	402	501	502	601	602	701	702	801	802	901	1001
Grille																			
GA17	P	•	•																
GA22	P-PO			•	•														
GA32	P-PO					•	•												
GA42	P-PO							•	•	•	•								
GA62	P-PO											•	•	•	•	•	•	•	•
GAF17	P	•	•																
GAF22	P-PO			•	•														
GAF32	P-PO					•	•												
GAF42	P-PO							•	•	•	•								
GAF62	P-PO											•	•	•	•	•	•	•	•
GMF17	P	•	•																
GMF22	P-PO			•	•														
GMF32	P-PO					•	•												
GMF42	P-PO							•	•	•	•								
GMF62	P-PO											•	•	•	•	•	•	•	•
Accessories for installation																			
PA17	P	•	•																
PA22	P-PO			•	•														
PA32	P-PO					•	•												
PA42	P-PO							•	•	•	•								
PA62	P-PO											•	•	•	•	•	•	•	•
PA17F	P	•	•																
PA22F	P-PO			•	•														
PA32F	P-PO					•	•												
PA42F	P-PO							•	•	•	•								
PA62F	P-PO											•	•	•	•	•	•	•	•
PM17	P	•	•																
PM22	P-PO			•	•														
PM32	P-PO					•	•												
PM42	P-PO							•	•	•	•								
PM62	P-PO											•	•	•	•	•	•	•	•
RD17	P	•	•																
RD22	P-PO			•	•														
RD32	P-PO					•	•												
RD42	P-PO							•	•	•	•								
RD62	P-PO											•	•	•	•	•	•	•	•
RDA17	P	•	•																
RDA22	P-PO			•	•														
RDA32	P-PO					•	•												
RDA42	P-PO							•	•	•	•								
RDA62	P-PO											•	•	•	•	•	•	•	•
RPA17	P	•	•																
RPA22	P-PO			•	•														
RPA32	P-PO					•	•												
RPA42	P-PO							•	•	•	•								
RPA62	P-PO											•	•	•	•	•	•	•	•
Plenum for duct installation																			
MZC220	PO			•	•														
MZC320	PO					•	•												
MZC530	PO							•	•	•	•								
MZC830	PO											•	•	•	•	•	•	•	

Compatibility of accessories

			Sizes available for 4-pipe system (Main coil + Secondary coil)																	
FCZ_P			101	102	201	202	301	302	401	402	501	502	601	602	701	702	801	802	901	1001
RDA000V	PO				•	•														
RDA100V	PO						•	•												
RDA200V	PO								•	•	•	•								
RDA300V	PO												•	•	•	•			•	
RPA000V	PO	(6)			•	•														
RPA100V	PO	(6)					•	•												
RPA200V	PO	(6)							•	•	•	•								
RPA300V	PO	(6)											•	•	•	•			•	
RDAC000V	PO				•	•														
RDAC100V	PO						•	•												
RDAC200V	PO								•	•	•	•								
RDAC300V	PO												•	•	•	•			•	
PA000V	PO	(6)			•	•														
PA100V	PO	(6)					•	•												
PA200V	PO	(6)							•	•	•	•								
PA300V	PO	(6)											•	•	•	•			•	
PM000V	PO	(6)			•	•														
PM100V	PO	(6)					•	•												
PM200V	PO	(6)							•	•	•	•								
PM300V	PO	(6)											•	•	•	•			•	
RPM000V	PO	(6)			•	•														
RPM100V	PO	(6)					•	•												
RPM200V	PO	(6)							•	•	•	•								
RPM300V	PO	(6)											•	•	•	•			•	
RDMC000V	PO				•	•														
RDMC100V	PO						•	•												
RDMC200V	PO								•	•	•	•								
RDMC300V	PO												•	•	•	•			•	

PO version only available for size from 2 to 9

(6) All the Plenums (RPA_V; PA_V; RPM_V; PM_V) have a circular push-outs (Ø=150mm) on both sides, which can be removed, All the can have intake/discharge either straight or downwards (straight or downwards with reference to horizontal installation).

Technical data (EUROVENT FC2H) Unit for 2 pipe systems (main coil)

FCZ			100			150			200			250			300			350			400			450			500			550		
Fan speed			**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**
Heating Performance																																
2 pipe systems																																
Heating capacity (70°C)	(1)	kW	2,40	2,00	1,46	2,65	2,19	1,55	3,70	2,95	2,02	4,05	3,18	2,20	5,50	4,46	3,47	6,15	4,92	3,77	7,15	5,74	4,32	7,82	6,29	4,57	8,50	7,31	5,27	9,75	8,34	5,82
Water flow rate	(1)	l/h	206	172	125	228	188	133	318	253	173	348	273	189	473	383	298	529	423	324	615	493	371	672	532	393	731	629	453	838	717	500
Pressure drop	(1)	kPa	9	6	4	14	10	6	20	13	7	31	20	11	17	12	7	28	19	12	32	21	11	22	13	9	42	42	42	33	25	14
Heating capacity (45°C)	(2)	kW	1,19	0,99	0,72	1,31	1,09	0,77	1,84	1,46	1,00	2,01	1,58	1,09	2,73	2,21	1,72	3,06	2,44	1,87	3,55	2,85	2,14	3,88	3,12	2,27	4,22	3,63	2,62	4,85	4,14	2,89
Water flow rate	(2)	l/h	207	173	126	229	189	134	319	254	174	350	274	190	475	385	299	531	425	325	617	495	373	675	543	394	734	631	455	842	720	502
Pressure drop	(2)	kPa	9	7	4	12	9	5	17	12	6	22	15	8	17	12	8	20	14	8	23	16	9	16	11	6	28	21	12	25	19	10
Cooling Performance																																
Total cooling capacity	(3)	kW	1,00	0,84	0,65	1,27	1,06	0,80	1,60	1,28	0,89	1,94	1,55	1,06	2,65	2,17	1,68	3,02	2,46	1,89	3,60	2,92	2,21	4,03	3,21	2,41	4,25	3,69	2,68	4,79	4,13	2,91
Sensible cooling capacity	(3)	kW	0,83	0,69	0,51	0,97	0,80	0,57	1,33	1,05	0,71	1,52	1,20	0,79	2,04	1,65	1,26	2,18	1,76	1,33	2,67	2,14	1,59	2,90	2,30	1,69	3,18	2,73	1,94	3,49	2,98	2,07
Water flow rate	(3)	l/h	172	144	112	219	182	138	275	221	153	334	267	182	456	374	288	560	460	350	619	503	379	694	552	414	731	634	460	824	711	501
Pressure drop	(3)	kPa	8	6	4	13	12	6	18	12	6	25	17	8	18	12	8	25	17	11	24	16	10	22	15	9	29	22	13	28	21	11
Fans																																
Centrifugal Fans		n°	1						1						2						2						2					
Air flow rate		m³/h	200	160	110	200	160	110	290	220	140	290	220	140	450	350	260	450	350	260	600	460	330	600	460	330	720	600	400	720	600	400
Sound level																																
Sound power level	(4)	dB(A)	45	38	31	45	38	31	50	43	31	50	43	31	48	41	34	48	41	34	51	44	37	51	44	37	56	51	42	56	51	42
Sound pressure level		dB(A)	37	30	23	37	30	23	42	35	23	42	35	23	40	33	26	40	33	26	43	36	29	43	36	29	48	43	34	48	43	34
Hydraulic connections																																
Main coil																																
Standard		Ø	1/2"			/			1/2"			/			3/4"			/			3/4"			/			3/4"			/		
Oversized		Ø	/			1/2"			/			1/2"			/			3/4"			/			3/4"			/			3/4"		
Electrical data																																
Absorbed power		W	35	29	19	35	29	19	33	29	25	33	29	25	44	33	25	44	33	25	57	43	30	57	43	30	76	52	38	76	52	38
Connected for speeds			V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1
Power supply			230V~50Hz																													

FCZ			600			650			700			750			800			850			900			950			1000		
Fan speed			**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**
Hating Performance																													
2 pipe systems																													
Heating capacity (70°C)	(1)	kW	10,00	8,10	6,50	11,50	9,15	7,19	11,00	9,80	8,10	12,50	11,30	9,10	12,00	10,80	9,80	14,00	12,35	11,30	15,14	13,35	10,77	17,10	14,42	11,20	17,02	15,24	12,56
Water flow rate	(1)	l/h	877	710	570	1008	802	631	946	843	696	1075	972	782	1032	929	843	1204	1062	972	1328	1171	945	1500	1295	982	1493	1337	1101
Pressure drop	(1)	kPa	26	18	12	31	20	13	37	30	21	20	16	11	42	35	29	24	19	16	21	16	11	32	23	15	43	34	24
Heating capacity (45°C)	(2)	kW	4,97	4,03	3,23	5,72	4,55	3,57	5,47	4,87	4,03	6,21	5,62	4,52	5,97	5,37	4,87	6,96	6,14	5,62	7,53	6,64	5,35	8,50	7,17	5,57	8,46	7,58	6,24
Water flow rate	(2)	l/h	863	699	561	993	790	621	950	846	699	1079	975	786	1036	932	846	1209	1066	975	1307	1152	930	1476	1245	967	1469	1316	1084
Pressure drop	(2)	kPa	25	17	12	31	20	13	29	23	16	17	14	10	32	26	22	25	19	17	21	17	12	33	24	15	37	31	22
Cooling Performance																													
Total cooling capacity	(3)	kW	4,65	3,90	3,22	5,67	4,80	3,95	5,50	4,89	3,92	6,14	5,34	4,27	6,10	5,66	4,84	6,91	6,29	5,26	6,91	5,00	4,29	8,60	7,32	5,77	7,62	6,88	5,69
Sensible cooling capacity	(3)	kW	3,92	3,17	2,56	4,12	3,43	2,78	4,30	3,76	2,99	4,72	4,05	3,20	4,83	4,42	3,72	5,36	4,83	4,00	5,68	3,78	2,97	5,78	4,87	3,80	5,53	5,34	4,42
Water flow rate	(3)	l/h	800	671	554	975	825	595	946	841	675	1056	918	734	1049	974	833	1189	1082	904	1189	860	738	1479	1259	992	1311	1183	979
Pressure drop	(3)	kPa	26	19	13	28	21	15	30	24	16	18	14	10	30	26	20	23	19	14	22	12	9	30	22	15	37	31	22
Fans																													
Centrifugal Fans		n°	3						3						3						3						3		
Air flow rate		m³/h	920	720	520	920	720	520	1140	930	700	1140	930	700	1300	1120	900	1300	1120	900	1140	930	700	1140	930	700	1300	1120	900
Sound level																													
Sound power level	(4)	dB(A)	57	51	42	57	51	42	62	57	50	62	57	50	66	61	56	66	61	56	62	57	51	61	57	51	66	61	56
Sound pressure level		dB(A)	49	43	34	49	43	34	54	49	42	54	49	42	58	53	48	58	53	48	54	49	43	53	49	43	58	53	48
Hydraulic connections																													
Main coil																													
Standard		Ø	3/4"			/			3/4"			/			3/4"			/			3/4"			/			3/4"		
Oversized		Ø	/			3/4"			/			3/4"			/			3/4"			/			3/4"			/		
Electrical data																													
Absorbed power		W	91	60	38	91	60	38	106	80	59	106	80	59	131	100	80	131	100	80	106	80	59	106	80	59	131	100	80
Connected for speeds			V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1
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) Sound power level: based on mesurement in compliance with Eurovent 8/2
Sound pressure level (A-weighted) measured indoors with volume V=85m³, reverberation time t = 0.5 s; Direction factor Q = 2; Distance r = 2.5m

Technical data (EUROVENT FC4H) - Unit for 4 pipe systems (with main + supplementary coil)

FCZ			101			102			201			202			301			302			401			402		
Fan speed			H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
Heating Performance																										
4 pipe systems																										
Heating capacity (65°C)	(1)	kW	1,17	1,02	0,75	1,97	1,66	1,23	1,61	1,36	1,02	2,73	2,23	1,57	2,56	2,19	1,81	4,33	3,58	2,84	3,13	2,65	2,13	5,29	4,34	3,35
Water flow rate	(1)	l/h	101	88	65	169	143	106	138	117	88	234	191	135	221	188	155	372	308	244	269	228	183	455	373	288
Pressure drop	(1)	kPa	4	3	2	3	2	2	10	7	5	7	5	3	29	22	15	22	16	11	8	7	4	7	4	3
Cooling Performance																										
Total cooling capacity	(2)	kW	1,00	0,84	0,65	1,00	0,84	0,65	1,60	1,28	0,89	1,60	1,28	0,89	2,65	2,17	1,68	2,65	2,17	1,68	3,60	2,92	2,21	3,60	2,92	2,21
Sensible cooling capacity	(2)	kW	0,83	0,69	0,51	0,83	0,69	0,51	1,33	1,05	0,71	1,33	1,05	0,71	2,04	1,65	1,26	2,04	1,65	1,26	2,67	2,14	1,59	2,67	2,14	1,59
Water flow rate	(2)	l/h	172	144	112	172	144	112	275	221	153	275	221	153	456	374	288	456	374	288	619	503	379	619	503	379
Pressure drop	(2)	kPa	8	6	4	8	6	4	18	12	6	18	12	6	18	12	8	18	12	8	24	16	10	24	16	10
Fans																										
Centrifugal fans		n°	1						1						2						2					
Air flow rate		m³/h	200	160	110	200	160	110	290	220	140	290	220	140	450	350	260	450	350	260	600	460	330	600	460	330
Sound level																										
Sound power level	(3)	dB(A)	45	38	31	45	38	31	50	43	31	50	43	31	48	41	34	48	41	34	51	44	39	51	44	39
Sound pressure level		dB(A)	37	30	23	37	30	23	42	35	23	42	35	23	40	33	26	40	33	26	43	36	31	43	36	31
Hydraulic connections																										
Main coil		Ø	1/2"						1/2"						3/4"						3/4"					
Additional coil		Ø	1/2"			1/2"			1/2"			1/2"			1/2"			1/2"			1/2"			1/2"		
Electrical data																										
Absorbed power		W	35	29	19	30	25	20	35	29	25	35	25	13	44	33	25	44	33	25	57	43	30	57	43	30
Connected for speeds			V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1
Power supply			230V~50Hz																							

FCZ			501			502			601			602			701			702			801			802			901			1001		
Fan speed			H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
Heating Performance																																
4 pipe systems																																
Heating capacity (65°C)	(1)	kW	3,74	3,34	2,59	6,44	5,66	4,16	4,36	3,67	2,53	7,60	6,24	4,59	4,95	4,29	3,66	8,80	7,48	6,24	5,34	4,79	4,21	9,61	8,50	7,31	5,73	5,63	4,74	6,09	5,57	4,85
Water flow rate	(1)	l/h	321	287	223	554	486	358	375	316	217	653	536	395	426	369	315	757	643	536	459	412	362	826	731	629	493	484	407	523	479	417
Pressure drop	(1)	kPa	10	8	5	7	7	3	16	11	7	12	9	5	20	16	15	16	12	11	23	19	12	19	15	11	12	11	9	15	13	10
Cooling Performance																																
Total cooling capacity	(2)	kW	4,25	3,69	2,68	4,25	3,69	2,68	4,65	3,90	3,22	4,65	3,90	3,22	5,50	4,89	3,92	5,50	4,89	3,92	6,10	5,66	4,84	6,10	5,66	4,84	6,91	5,00	4,29	7,62	6,88	5,69
Sensible cooling capacity	(2)	kW	3,18	2,73	1,94	3,18	2,73	1,94	3,92	3,17	2,56	3,92	3,17	2,56	4,30	3,76	2,99	4,30	3,76	2,99	4,83	4,42	3,72	4,83	4,42	3,72	5,68	3,78	2,97	5,53	5,34	4,42
Water flow rate	(2)	l/h	731	634	460	731	634	460	800	671	554	800	671	554	946	841	675	946	841	675	1049	974	833	1049	974	833	1189	860	738	1311	1183	979
Pressure drop	(2)	kPa	29	22	13	29	22	13	26	19	13	26	19	13	30	24	16	30	24	16	30	26	20	30	26	20	22	12	9	37	31	22
Fans																																
Centrifugal fans		n°	2						3						3						3						3			3		
Air flow rate		m³/h	720	600	400	920	720	520	920	720	520	920	720	400	1140	930	700	1140	930	700	1300	1120	900	1300	1120	900	1140	930	700	1300	1120	900
Sound level																																
Sound power level	(3)	dB(A)	56	51	42	56	51	42	57	51	42	57	51	42	61	57	51	61	57	51	66	61	56	66	61	56	61	57	51	66	61	56
Sound pressure level		dB(A)	48	43	34	48	43	34	49	43	34	49	43	34	53	49	43	53	49	43	58	53	48	58	53	48	53	49	43	58	53	48
Hydraulic connections																																
Main coil		Ø	3/4"						3/4"						3/4"						3/4"						3/4"			3/4"		
Additional coil		Ø	1/2"			1/2"			1/2"			1/2"			1/2"			1/2"			1/2"			1/2"			1/2"			1/2"		
Electrical data																																
Absorbed power		W	76	52	38	76	52	38	91	60	38	82	61	40	106	80	59	106	80	59	131	100	80	131	100	80	106	80	59	131	100	80
Connected for speeds			V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1
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) Sound power level: based on mesurement in compliance with Eurovent 8/2

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

Technical data (EUROVENT FCP2H) Unit for 2 pipe systems (main coil)

FCZ_PO			200			250			300			350			400			450			500			550		
Fan speed			**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**
Hating Performance																										
2 pipe systems																										
Heating capacity (70°C)	(1)	kW	3,32	3,00	2,11	3,60	3,24	2,29	5,45	5,03	3,50	6,10	5,59	3,80	6,74	6,02	4,49	7,40	6,62	4,79	7,59	7,22	5,27	8,67	8,25	5,81
Water flow rate	(1)	l/h	285	258	182	310	279	197	469	433	301	524	481	327	580	517	386	637	569	412	652	621	453	746	709	500
Pressure drop	(1)	kPa	15	12	7	19	16	9	18	15	8	21	18	9	22	18	11	15	12	7	23	21	12	21	19	10
Heating capacity (45°C)	(2)	kW	1,65	1,49	1,05	1,79	1,61	1,14	2,71	2,5	1,74	3,03	2,78	1,89	3,35	2,99	2,23	3,68	3,29	2,38	3,77	3,59	2,62	4,31	4,1	2,89
Water flow rate	(2)	l/h	284	256	181	308	277	196	466	430	299	521	478	325	576	514	383	633	566	409	648	617	451	741	705	497
Pressure drop	(2)	kPa	14	12	6	18	15	8	17	15	8	20	17	9	21	17	10	15	12	7	22	20	12	21	19	10
Cooling Performance																										
Total cooling capacity	(3)	kW	1,44	1,3	0,93	1,74	1,59	1,11	2,63	2,4	1,7	3	2,77	1,91	3,41	3,06	2,29	3,79	3,37	2,51	3,82	3,65	2,68	4,28	4,08	2,91
Sensible cooling capacity	(3)	kW	1,18	1,14	0,74	1,36	1,23	0,83	2,03	1,86	1,27	2,16	1,99	1,34	2,52	2,24	1,66	2,73	2,42	1,76	2,83	2,7	1,94	3,09	2,94	2,07
Water flow rate	(3)	l/h	248	224	160	299	273	191	452	413	292	516	476	328	586	526	394	652	580	432	657	628	461	736	702	500
Pressure drop	(3)	kPa	15	13	8	21	17	9	18	16	8	25	21	11	22	18	11	20	16	11	24	22	13	23	21	12
Fans																										
Centrifugal Fans		n°	1						2						2						2					
Air flow rate		m³/h	254	226	148	254	226	148	446	404	263	446	404	263	559	487	346	559	487	346	627	592	400	627	592	400
High static pressure		Pa	63	50	21	63	50	21	61	50	21	61	50	21	66	50	25	66	50	25	56	50	22	56	50	22
Sound level																										
Sound Power (Inlet+Radietor)	(4)	dB(A)	59	56	41	59	56	41	54	51	39	54	51	39	55	54	44	55	54	44	57	55	45	57	55	45
Sound Power (Outlet)		dB(A)	55	52	37	55	52	37	49	47	35	49	47	35	52	50	40	52	50	40	53	51	41	53	51	41
Hydraulic connections																										
Main coil																										
Standard		Ø	1/2"			/			3/4"			/			3/4"			/			3/4"			/		
Oversized		Ø	/			1/2"			/			3/4"			/			3/4"			/			3/4"		
Electrical data																										
Absorbed power		W	33	29	25	33	29	25	44	33	25	44	33	25	57	43	30	57	43	30	76	52	38	76	52	38
Connected for speeds			V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1
Power supply			230V~50Hz																							

FCZ_PO			600			650			700			750			900			950		
Fan speed			**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**
Hating Performance																				
2 pipe systems																				
Heating capacity (70°C)	(1)	kW	10,00	8,55	6,86	11,51	9,72	7,63	10,52	10,10	8,77	12,09	11,65	10,02	14,45	13,80	11,81	16,00	15,07	12,43
Water flow rate	(1)	l/h	860	735	590	990	836	656	905	868	754	1040	1002	862	1242	1187	1016	1375	1296	1069
Pressure drop	(1)	kPa	26	20	13	31	23	15	27	25	19	16	15	12	20	18	14	29	26	19
Heating capacity (45°C)	(2)	kW	4,97	4,25	3,41	5,72	4,83	3,79	5,23	5,02	4,36	6,01	5,79	4,98	7,18	6,86	5,87	7,95	7,49	6,18
Water flow rate	(2)	l/h	855	731	586	984	831	652	899	863	750	1034	996	856	1235	1180	1009	1367	1288	1063
Pressure drop	(2)	kPa	25	19	13	31	22	14	26	24	19	16	15	12	20	18	14	29	26	18
Cooling Performance																				
Total cooling capacity	(3)	kW	4,65	4,08	3,37	5,67	5,02	4,15	5,18	4,97	4,24	5,8	5,53	4,69	5,95	5,33	4,38	8,07	7,62	6,35
Sensible cooling capacity	(3)	kW	3,92	3,34	2,7	4,12	3,6	2,93	4,02	3,83	3,24	4,41	4,2	3,53	4,73	4,11	3,11	5,4	5,08	4,2
Water flow rate	(3)	l/h	800	702	580	975	863	714	891	855	729	997	951	807	1023	917	753	1388	1310	1092
Pressure drop	(3)	kPa	26	21	15	28	22	16	28	26	19	17	15	11	17	14	10	27	24	17
Fans																				
Centrifugal Fans		n°	3						3						3					
Air flow rate		m³/h	920	770	567	920	770	567	1050	978	785	1050	978	785	1050	978	785	1050	978	785
High static pressure		Pa	71	50	27	71	50	27	58	50	32	58	50	32	58	50	32	58	50	32
Sound level																				
Sound Power (Inlet+Radietor)	(4)	dB(A)	61	56	46	61	56	46	62	60	54	62	60	54	62	60	54	62	60	54
Sound Power (Outlet)		dB(A)	60	54	44	60	54	44	61	59	52	61	59	52	61	59	52	61	59	52
Hydraulic connections																				
Main coil																				
Standard		Ø	3/4"			/			3/4"			/			3/4"			/		
Oversized		Ø	/			3/4"			/			3/4"			/			3/4"		
Electrical data																				
Absorbed power		W	91	60	38	91	60	38	106	80	59	106	80	59	106	80	59	106	80	59
Connected for speeds			V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1
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) Sound power level: based on mesurement in compliance with Eurovent 8/2

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

Technical data (EUROVENT FCP4H) Unit for 4 pipe systems (with main + supplementary coil)

FCZ_PO			201			202			301			302			401			402		
Fan speed			**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**
Hating Performance																				
4 pipe systems																				
Heating capacity (65°C)	(1)	kW	1,48	1,37	1,06	2,47	2,27	1,65	2,55	2,39	1,82	4,30	0,40	2,88	2,99	2,75	2,19	5,03	4,54	3,48
Water flow rate	(1)	l/h	127	118	91	212	195	141	219	206	156	370	35	248	257	236	188	432	390	299
Pressure drop	(1)	kPa	9	8	5	6	5	3	13	12	8	23	20	11	8	7	5	7	6	4
Cooling Performance																				
Total cooling capacity	(2)	kW	1,44	1,31	0,93	1,44	1,31	0,93	2,63	2,44	1,70	2,63	2,44	1,70	3,41	3,06	2,29	3,41	3,06	2,29
Sensible cooling capacity	(2)	kW	1,18	1,07	0,74	1,18	1,07	0,74	2,03	1,86	1,27	2,03	1,86	1,27	2,52	2,24	1,66	2,52	2,24	1,66
Water flow rate	(2)	l/h	248	225	160	248	225	160	452	420	292	452	420	292	586	526	394	586	526	394
Pressure drop	(2)	kPa	15	13	7	15	13	7	18	16	8,5	18	16	8,5	22	18	11	22	18	11
Fans																				
Centrifugal Fans		n°	1						2						2					
Air flow rate		m³/h	254	226	148	254	226	148	446	404	263	446	404	263	559	487	346	559	487	346
High static pressure		Pa	63	50	21	63	50	21	61	50	21	61	50	21	66	50	25	66	50	25
Sound level																				
Sound Power (Inlet+Radietor)	(3)	dB(A)	59	56	41	59	56	41	54	51	39	54	51	39	55	54	44	55	54	44
Sound Power (Outlet)		dB(A)	55	52	37	55	52	37	49	47	35	49	47	35	52	50	40	52	50	40
Hydraulic connections																				
Main coil		Ø	1/2"						3/4"						3/4"					
Additional coil		Ø	1/2"			1/2"			1/2"			1/2"			1/2"			1/2"		
Electrical data																				
Absorbed power		W	35	29	25	35	25	13	44	33	25	44	33	25	57	43	30	57	43	30
Connected for speeds			V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1
Power supply		V/ph/Hz	230V~50Hz																	

FCZ_PO			501			502			601			602			701			702			901		
Fan speed			**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**	**H**	**M**	**L**
Hating Performance																							
4 pipe systems																							
Heating capacity (65°C)	(1)	kW	3,34	3,30	2,59	5,84	5,60	4,17	4,35	3,85	3,13	7,59	6,56	5,37	4,60	4,40	4,13	8,13	7,70	7,07	5,77	5,71	5,16
Water flow rate	(1)	l/h	287	284	223	502	482	359	374	331	269	653	564	462	396	378	355	699	662	608	496	491	444
Pressure drop	(1)	kPa	9	8	5	6	6	3	16	13	9	13	10	7	16	15	15	15	13	11	12	12	10
Cooling Performance																							
Total cooling capacity	(2)	kW	3,82	3,65	2,68	3,82	3,65	2,68	4,65	4,08	3,37	4,65	4,08	3,37	5,18	4,97	4,24	5,18	4,97	4,24	5,95	5,33	4,38
Sensible cooling capacity	(2)	kW	2,83	2,70	1,94	2,83	2,70	1,94	3,92	3,34	2,70	3,92	3,34	2,70	4,02	3,83	3,24	4,02	3,83	3,24	4,73	4,11	3,11
Water flow rate	(2)	l/h	657	628	461	657	628	461	800	702	580	800	702	580	891	855	729	891	855	729	1023	917	753
Pressure drop	(2)	kPa	24	22	13	24	22	13	26	21	15	26	21	15	28	26	19,5	28	26	19	17	14	10
Fans																							
Centrifugal Fans		n°	2						3						3						3		
Air flow rate		m³/h	627	592	400	627	592	400	920	770	567	920	770	567	1050	978	785	1050	978	785	1050	978	785
High static pressure		Pa	56	50	22	56	50	22	71	50	27	71	50	27	58	50	32	58	50	32	58	50	32
Sound level																							
Sound Power (Inlet+Radietor)	(3)	dB(A)	57	55	45	57	55	45	61	56	46	61	56	46	62	60	54	62	60	54	62	60	54
Sound Power (Outlet)		dB(A)	53	51	41	53	51	41	60	54	44	60	54	44	61	59	52	61	59	52	61	59	52
Hydraulic connections																							
Main coil		Ø	3/4"						3/4"						3/4"						3/4"		
Additional coil		Ø	1/2"			1/2"			1/2"			1/2"			1/2"			1/2"			1/2"		
Electrical data																							
Absorbed power		W	76	52	38	76	52	38	91	60	38	82	61	40	106	80	59	106	80	59	106	80	59
Connected for speeds			V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1	V3	V2	V1
Power supply		V/ph/Hz	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)

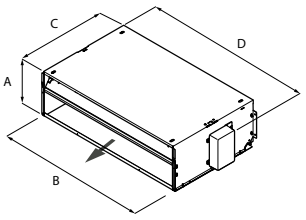
(3) Sound power level: based on mesurement in compliance with Eurovent 8/2

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

Dimensions and Weights

FCZ_P / PO / PPC			100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
Dimensions for all versions																						
A	A	mm	216				216				216				216				216			
B	B	mm	412				522				753				973				973			
C	D	mm	453				453				453				453				453			
D*	C	mm	452				562				793				1013				1013			
Weight		kg	12	12	13	13	12	13	14	14	14	15	16	16	20	21	22	22	23	23	24	24

FCZ_P / PO / PPC		600	601	602	650	700	701	702	750	800	801	802	850	900	901	/	950	1000	1001	/	/
Dimensions for all versions																					
A	mm	216				216				216				216				216			
B	mm	1122				1122				1122				1122				1122			
C	mm	453				453				453				558				558			
D*	mm	1147				1147				1147				1147				1147			
Weight	kg	29	30	31	31	26	27	28	28	26	27	28	28	32				32			



* maximum dimensions

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