parkair
invisible comfort

TECHNICAL DATA SHEET

FCF-EC

2-PIPE SLIM FLOOR-MOUNTED FAN COIL UNIT

HYDRONIC SYSTEMS WATER/WATER AND AIR/WATER



THE ART OF INVISIBLE COMFORT

Technical data sheet – FCF-EC – Rev. 01 – [date]

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DESCRIPTION

2-PIPE SLIM FLOOR-MOUNTED FAN COIL UNIT FCF-EC

The Slim Floor-Mounted Fan Coil Unit combines compact design and efficiency for domestic and professional environments. Designed for 2-pipe hydronic systems, it is compatible with WHP3, AHP3, HPAW and HPAF heat pumps.

Equipped with an electronically commutated brushless motor, it reduces electricity consumption whilst ensuring high performance and low noise levels. With only 13 cm thickness, it integrates easily into any space, offering a discreet presence without compromising comfort. Control is simple and intuitive, with optional wired wall or on-board controls.

The unit is compatible with:

- WHP3 range
- AHP3 range
- HPAW range
- HPAF range

Features

Cooling, Heating, Ventilation and Dehumidification

Main features

- Floor-mounted installation
- Slim model: only 13 cm thick
- DC motor
- Air filter
- Cover panel
- Modern, minimalist design
- Quiet operation
- Low noise level
- Compact size
- Compatible with any type of hydronic heat pump

Main accessories:

- Leg support h=10 cm for FCF models - FB-FCF-1EC
- Touch screen thermostat for EC motors with Wi-Fi function for 2-pipe models - WC-2EC
- Touch screen thermostat machine-mounted for EC motors (to be paired with air sensor mod. SA) - TWC-1EC
- Air sensor for pairing with machine-mounted thermostat - AP-FCF-1EC
- Hot water consent thermostat (35°C) not installed in the unit - TER-FCF-1EC
- 3-way valve + 1/2" bypass mounted (to be paired with actuator) - V3V-FCF-1EC
- Electrothermal ON-OFF 230V actuator - ATT-EC

TECHNICAL DATA

Description	Unit	PRK-FCF-40EC	PRK-FCF-60EC
CAPACITIES AND PERFORMANCE			
Model	-	PRK-FCF-40EC	PRK-FCF-60EC
Code	-	163001	163005
Total Cooling Capacity	kW	1.99	3.32
Sensible Cooling Capacity	kW	1.34	2.14
Heating Capacity (50°C)	kW	2.55	4.08
Power Supply	V/Hz/ph	220~240 / 50 / 1	220~240 / 50 / 1
VENTILATION			
Air Flow Volume	m^3/h	360	580
HYDRAULIC			
Cooling Water Flow Rate	l/h	342	571
Cooling Pressure Drop	kPa	7.6	22.8
Heating Water Flow Rate	l/h	342	570
Heating Pressure Drop	kPa	6.8	21.0
Hydraulic connections	inches	1/2" F	1/2" F
ACOUSTICS			
Sound Pressure Level	dB(A)	43	46
DIMENSIONS AND WEIGHT			
Unit Dimension (LxDxH)	mm	880x130x580	1080x130x580
Net Weight	kg	18	21
INSTALLATION AND CONTROL			
Installation	-	Floor mounted	Floor mounted
Control	-	Optional	Optional