



Technical parameters

Installation	
Type of installation	Horizontal & Vertical
Recommended installation height	5 m
Nominal data	
Color casing	Traffic white
Color casing, RAL	RAL 9016
Color, outlet grilles	Telegrey 2
Color outlet grilles, RAL	RAL 7046
Enclosure class	IP20
Ambient working temperature (dry conditions)	-20 to 30 °C
Dimensions and weights	
Length	2,039 mm
Height	295 mm
Depth	611 mm
Weight	86.44 kg
Air flow	
Air flow	1.6389; 1.3472; 0.4722 m ³ /s
Sound data	
Sound level	70; 65; 39 dB(A)
Sound pressure (LpA)	Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m ² .
Sound power (LWA)	86 dB(A)
Conditions sound level	Measurements according to ISO 27327-2: 2014, Installation type E.
Motor/control supply	
Control/motor supply	230 V
Control/motor current, 50 Hz	8.1 A
Input power (P1), motor 50Hz	1,420 W
Frequency	50; 60 Hz
Input power (P1), motor 60Hz	1,420 W

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Electric heat		
Current heating	33.8; 22.5; 11.3	A
Voltage heating	400	V
Input power, heater	24; 15; 7.8	kW
Phases	3~	
Temperature rise, maximum heat output, highest airflow	12	°C
Temperature rise, maximum heat output, lowest airflow	40	°C

Parameter	
Output	24.00 kW
Air flow	1.64 m³/s
Inlet air temperature	20.0 °C
Outlet air temperature	32.2 °C
Inlet air humidity	70 % r.H
Outlet air humidity	34 % r.H

Accessories

[AXP300 Hit protection \(10028\)](#)
[FCDA Control for air curtain \(74684\)](#)
[FCSA Control for air curtain \(74685\)](#)
[PA34TR20 Threaded bars \(18057\)](#)
[PA34WB20 Wall brackets \(18045\)](#)
[PA4DCL Design kit ceiling \(13560\)](#)
[PA4DCS Design kit ceiling \(13557\)](#)
[PA4DXT Design kit ceiling \(13561\)](#)
[PA4VDW20 Design kit vertical \(110755\)](#)

[FCBA Control for air curtain \(74687\)](#)
[FCPA Control for air curtain \(74686\)](#)
[PA34CB20 Ceiling brackets \(18060\)](#)
[PA34VD20 Vibration damper \(18066\)](#)
[PA34WS20 Wire suspension \(18063\)](#)
[PA4DCM Design kit ceiling \(13559\)](#)
[PA4DW20 Design kit wall \(110840\)](#)
[PA4JK Vertical kit/Joining kit \(110760\)](#)
[PA4XT20 Outlet extension \(19092\)](#)

Documents

[Catalogue pages Pamir 5000](#)
[Manual Pamir 3500/4200/5000](#)
[Declaration of Conformity PAFEC5000](#)
[UKCA Declaration PAFEC5000](#)
[Exploded view PAFEC35-42-50](#)

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