

PAFEC5020E24 Air curtain Pamir

Article number: 230384



Description

Stylish and energy-efficient air curtain for industrial premises.

Pamir 5000 has a recommended installation height of 5 m and is equipped with energy-efficient EC motors which enable stepless control of the airflow. The air curtain together with the intelligent FC control system allows you to easily optimize your comfort and save energy.

The air curtain is available for horizontal, vertical and recessed installation. The recommended installation width of Pamir 5000 is 7 m with air curtains mounted on both sides of the opening.

The recommended installation height and width vary depending on the relevant premises.

The control system is ordered separately.

Find more details in our online catalogue

Technical parameters

Installation		
Maximum installation height	5,000	mm
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	5900; 4850; 1700	m³/h
Sound data		
Sound level	70; 65; 39	dB(A)
Sound power level LWA	86	dB(A)
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

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

Parameter	
Power	24.00 kW
Air flow	5900 m³/h
Inlet air temperature	20 °C
Outlet air temperature	32 °C
Inlet air humidity	70.0 % r.H
Outlet air humidity	34.1 % r.H

Accessories

AXP300 Hit protection (10028)	FCBA Control for air curtain (74687)
FCDA Control for air curtain (74684)	FCPA Control for air curtain (74686)
FCSA Control for air curtain (74685)	PA34CB20 Ceiling brackets (18060)
PA34TR20 Threaded bars (18057)	PA34VD20 Vibration damper (18066)
PA34WB20 Wall brackets (18045)	PA34WS20 Wire suspension (18063)
PA4DCL Design kit ceiling (13560)	PA4DCM Design kit ceiling (13559)
PA4DCS Design kit ceiling (13557)	PA4DW20 Design kit wall (110840)
PA4DXT Design kit ceiling (13561)	PA4HE Extension hood PAFEC (FE10245)
PA4JK Vertical kit/Joining kit (110760)	PA4VDW20 Design kit vertical (110755)
PA4XT20 Outlet extension (19092)	PAWBL20 Wall brackets (214952)

Documents

Catalogue pages Pamir 5000
Manual Pamir 3500/4200/5000
Declaration of Conformity PAFEC5000
UKCA Declaration PAFEC5000
Exploded view PAFEC35-42-50