



Description

Stylish and energy-efficient air curtain for large commercial premises.

Pamir 4200 has a recommended installation height of 4,2 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 4200 is 6 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	4,200	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	1,549	mm
Height	295	mm
Depth	611	mm
Weight	63.56	kg
Air flow		
Air flow	3500; 2950; 1800	m³/h
Sound data		
Sound level	64; 60; 47	dB(A)
Sound power level LWA	80	dB(A)
Motor/control supply		
Control/motor supply	230	V
Control/motor current, 50 Hz	4.1	A
Input power (P1), motor 50Hz	675	W
Frequency	50; 60	Hz
Control/motor current, 60 Hz	4.1	A
Input power (P1), motor 60Hz	675	W
Input power (P1), motor	675	W

Electric heat		
Input power, heater	18; 12; 6	kW
Current heating	26; 17.3; 8.7	A
Voltage heating	400	V
Voltage (nominal)	230	V
Phases	3~	
Temperature rise, maximum heat output, highest airflow	15	°C
Temperature rise, maximum heat output, middle airflow	18	°C
Temperature rise, maximum heat output, lowest airflow	30	°C

Parameter		
Power		18.00 kW
Air flow		3500 m³/h
Inlet air temperature		20 °C
Outlet air temperature		35 °C
Inlet air humidity		70.0 % r.H
Outlet air humidity		28.5 % 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)	PA34CB15 Ceiling brackets (18059)
PA34TR15 Threaded bars (18056)	PA34VD15 Vibration damper (18065)
PA34WB15 Wall brackets (18044)	PA34WS15 Wire suspension (18062)
PA4DCL Design kit ceiling (13560)	PA4DCM Design kit ceiling (13559)
PA4DCS Design kit ceiling (13557)	PA4DW15 Design kit wall (110839)
PA4DXT Design kit ceiling (13561)	PA4HE Extension hood PAFEC (FE10245)
PA4JK Vertical kit/Joining kit (110760)	PA4VDW15 Design kit vertical (110754)
PA4XT15 Outlet extension (19091)	PAWBL15 Wall brackets (214951)

Documents

Catalogue pages Pamir 4200
Manual Pamir 3500/4200/5000
Declaration of Conformity PAFEC4200
UKCA Declaration PAFEC4200
Exploded view PAFEC35-42-50