

PAF2520W Air curtain Pamir

Article number: 246833



Description

Slim air curtain for entrances, with energy-efficient control.

Pamir 2500 has a recommended installation height of 2,5 m and is designed for horizontal mounting in shops, offices and public premises. The air curtain together with the intelligent FC control system allows you to easily optimize your comfort and save energy.

The recommended installation height varies depending on the relevant premises.

The control system is ordered separately.

Technical parameters

Installation		
Type of installation		Horizontal
Maximum installation height	2,500	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		IP21
Ambient working temperature (dry conditions)	-20 to 30	°C
Dimensions and weights		
Length	2,050	mm
Height	230	mm
Depth	345	mm
Weight	33	kg
Air flow		
Air flow	2600; 2200; 1800	m ³ /h
Sound data		
Sound level	55; 50; 43	dB(A)
Sound power level LWA	71	dB(A)
Motor/control supply		
Control/motor supply	230	V
Phases, motor	1~	
Control/motor current	0.9	A
Frequency	50; 60	Hz
Input power (P1), motor	210	W
Electric heat		
Temperature rise, maximum heat output, highest airflow	13	°C
Temperature rise, maximum heat output, lowest airflow	15	°C

Water data	
Water heating full output 80/60 °C, air +18 °C	20 kW
Water heating full output 60/40 °C, air +18 °C	11 kW
Pressure drop water 80/60 °C, air +18 °C	25 kPa
Pressure drop water 60/40 °C, air +18 °C	9.9 kPa
Water temperature	max 110 °C
Maximum working pressure	16 bar
Water volume inside coil	1.4 L
Dimension water connections	15 mm Cu

Parameter	
Power	19.38 kW
Air flow	2600 m³/h
Inlet air temperature	20 °C
Outlet air temperature	42 °C
Water flow	0.236 l/s
Air pressure drop	15 Pa
Inlet air humidity	70.0 % r.H
Outlet air humidity	20.0 % r.H
Water pressure drop	23.4 kPa
Inlet fluid temperature	80 °C
Outlet water temperature	60 °C
Fluid	fluidType_0
Glycol	-

Accessories

FCBA Control for air curtain (74687)
 FCPA Control for air curtain (74686)
 FHDN15 Flexible hose kit DN15 (77179)
 PA2P20 Pendulum bar (19569)
 PA34TR20 Threaded bars (18057)
 VPFC15LF Valve system DN15LF (238293)
 VPFC20 Valve system DN20 (238295)
 VPFC32 Valve system DN32 (238297)

FCDA Control for air curtain (74684)
 FCSA Control for air curtain (74685)
 PA2EF20 External intake filter (14877)
 PA2PF20 Pendulum brackets (19417)
 PAWAK15 Quick pipe connections (27279)
 VPFC15NF Valve system DN15NF (238294)
 VPFC25 Valve system DN25 (238296)

Documents

Catalogue pages Pamir 2500
 Manual Pamir 2500
 Declaration of Conformity PAF2500
 UKCA Declaration PAF2500
 Exploded view PAF25-32