



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	1,050	mm
Height	230	mm
Depth	345	mm
Weight	18	kg
Air flow		
Air flow	1300; 1100; 900	m³/h
Sound data		
Sound level	53; 49; 42	dB(A)
Sound power level LWA	69	dB(A)
Motor/control supply		
Control/motor supply	230	V
Phases, motor	1~	
Control/motor current	0.45	A
Frequency	50; 60	Hz
Input power (P1), motor	105	W
Electric heat		
Temperature rise, maximum heat output, highest airflow	11	°C
Temperature rise, maximum heat output, lowest airflow	12	°C

Water data		
Water heating full output 80/60 °C, air +18 °C	8.8	kW
Water heating full output 60/40 °C, air +18 °C	4.7	kW
Pressure drop water 80/60 °C, air +18 °C	3.5	kPa
Pressure drop water 60/40 °C, air +18 °C	1.2	kPa
Water temperature	max 110	°C
Maximum working pressure	16	bar
Water volume inside coil	0.7	L
Dimension water connections	15 mm Cu	

Parameter		
Power	8.48	kW
Air flow	1300	m³/h
Inlet air temperature	20	°C
Outlet air temperature	39	°C
Water flow	0.103	l/s
Air pressure drop	16	Pa
Inlet air humidity	70.0	% r.H
Outlet air humidity	23.0	% r.H
Water pressure drop	3.2	kPa
Inlet fluid temperature	80	°C
Outlet water temperature	60	°C
Fluid	fluidType_0	
Glycol	-	

Accessories

FCBA Control for air curtain (74687)	FCDA Control for air curtain (74684)
FCPA Control for air curtain (74686)	FCSA Control for air curtain (74685)
FHDN15 Flexible hose kit DN15 (77179)	PA2EF10 External intake filter (14875)
PA2P15 Pendulum bar (19568)	PA2PF15 Pendulum brackets (19415)
PA34TR15 Threaded bars (18056)	PAWAK15 Quick pipe connections (27279)
VPFC15LF Valve system DN15LF (238293)	VPFC15NF Valve system DN15NF (238294)
VPFC20 Valve system DN20 (238295)	VPFC25 Valve system DN25 (238296)
VPFC32 Valve system DN32 (238297)	

Documents

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