

PAFEC3525WLL Air curtain Pamir

Article number: 189595



Description

Sleek and energy-efficient air curtain for commercial premises.

Pamir 3500 has a recommended installation height of 3,5 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 3500 is 5 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	3,500	mm
Nominal data		
Color casing	Traffic white	
Color, outlet grilles	Telegrey 2	
Enclosure class	IP24	
Ambient working temperature (dry conditions)	-20 to 30	°C
Dimensions and weights		
Length	2,549	mm
Height	306	mm
Depth	525	mm
Weight	96.5	kg
Air flow		
Air flow	4200; 3500; 2100	m³/h
Sound data		
Sound level	63; 58; 46	dB(A)
Sound power level LWA	79	dB(A)
Motor/control supply		
Control/motor supply	230	V
Phases, motor	1~	
Control/motor current, 50 Hz	5.1	A
Input power (P1), motor 50Hz	870	W
Water data		
Water heating full output 40/30 °C, air +18 °C	19	kW
Pressure drop water 40/30 °C, air +18 °C	63	kPa
Water temperature	max 110	°C
Maximum working pressure	16	bar
Dimension water connections	DN20	

Parameter	
Power	59.25 kW
Air flow	4200 m³/h
Inlet air temperature	20 °C
Outlet air temperature	61 °C
Water flow	0.723 l/s
Air pressure drop	74 Pa
Inlet air humidity	70.0 % r.H
Outlet air humidity	7.0 % r.H
Water pressure drop	12.9 kPa
Inlet fluid temperature	80 °C
Outlet water temperature	60 °C
Fluid	fluidType_0
Glycol	-

Accessories

AXP300 Hit protection (10028)	DTV200S Filter pressure guard (17597)
FCBA Control for air curtain (74687)	FCDA Control for air curtain (74684)
FCPA Control for air curtain (74686)	FCSA Control for air curtain (74685)
FHDN20 Flexible hose kit DN20 (18055)	FHDN2010 Flexible hose k. DN20 (88906)
PA34CB30 Ceiling Bracket (18061)	PA34EF25 External inlet filter (19067)
PA34TR30 Threaded bars (18058)	PA34VD30 Vibration damper (18067)
PA34WB30 Wall brackets (18046)	PA34WS30 Wire suspension (18064)
PA3DCL Design kit ceiling (13555)	PA3DCM Design kit ceiling (13553)
PA3DCS Design kit ceiling (13552)	PA3DW25 Design kit wall (110837)
PA3DXT Design kit ceiling (13556)	PA3HE Extension hood PAFEC (FE10244)
PA3JK Vertical kit/Joining kit (110759)	PA3VDW25 Design kit vertical (110753)
PA3XT25 Outlet extension (19088)	PAWBL30 Wall brackets (214953)
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 3500
Manual Pamir 3500/4200/5000
Declaration of Conformity PAFEC3500
UKCA Declaration PAFEC3500
Exploded view PAFEC35-42-50