

PAFEC3520WL Air curtain Pamir

Water heat, EC, L=2m

Item number: 189587



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.



Technical parameters

Installation		
Type of installation	Horizontal & Vertical	
Recommended installation height	3.5	m
Nominal data		
Color casing	Traffic white	
Color casing, RAL	RAL 9016	
Color, outlet grilles	Telegrey 2	
Color outlet grilles, RAL	RAL 7046	
Enclosure class	IP24	
Ambient working temperature (dry conditions)	-20 to 30	°C
Dimensions and weights		
Length	2,039	mm
Height	306	mm
Depth	525	mm
Weight	73	kg

Air flow		
Air flow	3400; 2700; 1800	m³/h
Sound data		
Sound pressure (LpA)	62; 57; 45	dB(A)
Conditions sound pressure	Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m².	
Sound power (LWA)	78	dB(A)
Conditions sound level	Measurements according to ISO 27327-2: 2014, Installation type E.	
Motor/control supply		
Control/motor supply	230	V
Phases, motor	1~	
Control/motor current, 50 Hz	4.1	A
Input power (P1), motor 50Hz	670	W
Water data		
Water heating full output 60/40 °C, air +18 °C	24	kW
Pressure drop water 60/40 °C, air +18 °C	7.3	kPa
Water temperature	max 110	°C
Maximum working pressure	16	bar
Water volume inside coil	3.2	L
Dimension water connections	DN20 (G 3/4") Outside thread	
Heating	Water heat, coil for medium water temperature	

Performance

Parameter	
Output	39.66 kW
Air flow	3,400 m³/h
Inlet air temperature	20 °C
Outlet air temperature	54 °C
Water flow	0.484 l/s
Air pressure drop	55 Pa
Inlet air humidity	70.0 % r.H
Outlet air humidity	10.0 % r.H
Water pressure drop	17.1 kPa
Inlet fluid temperature	80 °C
Outlet fluid temperature	60 °C
Fluid	Water

Accessories

- AXP300 Hit protection (10028)
- FCBA Control for air curtain (74687)
- FCPA Control for air curtain (74686)
- FHDN20 Flexible hose kit (18055)
- PA34CB20 Ceiling brackets (18060)
- PA34TR20 Threaded bars (18057)
- PA34WB20 Wall brackets (18045)
- PA3DCL Design kit ceiling (13555)
- PA3DCS Design kit ceiling (13552)
- PA3DXT Design kit ceiling (13556)
- PA3JK Vertical kit/Joining kit (110759)
- PA3XT20 Outlet extension (19087)
- VPFC15NF Valve system (238294)
- VPFC25 Valve system (238296)
- DTV200S Filter pressure guard (17597)
- FCDA Control for air curtain (74684)
- FCSA Control for air curtain (74685)
- FHDN2010 Flexible hose kit (88906)
- PA34EF20 External inlet filter (19066)
- PA34VD20 Vibration damper (18066)
- PA34WS20 Wire suspension (18063)
- PA3DCM Design kit ceiling (13553)
- PA3DW20 Design kit wall (110836)
- PA3HE Extension hood PAFEC (FE10244)
- PA3VDW20 Design kit vertical (110752)
- VPFC15LF Valve system (238293)
- VPFC20 Valve system (238295)
- VPFC32 Valve system (238297)

Documents

- Catalogue pages Pamir 3500
- Manual Pamir 3500/4200/5000
- Declaration of Conformity PAFEC3500
- UKCA Declaration PAFEC3500
- Exploded view PAFEC35-42-50