



Description

Stylish and energy-efficient air curtain for industrial premises.

Pamir 5000 has a recommended installation height of 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 control system is ordered separately.

The recommended installation height varies depending on the relevant premises.

Technical parameters

Installation		
Maximum installation height	5,000	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	IP24	
Ambient working temperature (dry conditions)	-20 to 30	°C
Dimensions and weights		
Length	1,039	mm
Height	331	mm
Depth	611	mm
Weight	46.22	kg
Air flow		
Air flow	2700; 2000; 650	m³/h
Sound data		
Sound level	66; 59; 32	dB(A)
Sound power level LWA	82	dB(A)
Motor/control supply		
Control/motor supply	230	V
Phases, motor	1~	
Control/motor current, 50 Hz	4.3	A
Input power (P1), motor 50Hz	700	W
Frequency	50; 60	Hz
Input power (P1), motor 60Hz	700	W
Electric heat		
Voltage (nominal)	230	V

Water data		
Water heating full output 60/40 °C, air +18 °C	17	kW
Pressure drop water 60/40 °C, air +18 °C	17	kPa
Water temperature	max 110	°C
Maximum working pressure	16	bar
Dimension water connections	DN20	

Parameter		
Power		28.03 kW
Air flow		2700 m³/h
Inlet air temperature		20 °C
Outlet air temperature		50 °C
Water flow		0.342 l/s
Air pressure drop		106 Pa
Inlet air humidity		70.0 % r.H
Outlet air humidity		13.0 % r.H
Water pressure drop		39.5 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)
PA34CB15 Ceiling brackets (18059)	PA34EF10 External inlet filter (19064)
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)	PA4DW10 Design kit wall (110838)
PA4DXT Design kit ceiling (13561)	PA4JK Vertical kit/Joining kit (110760)
PA4XT10 Outlet extension (19090)	PAWBL15 Wall brackets (214951)
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 5000
Manual Pamir 3500/4200/5000
Declaration of Conformity PAFEC5000
UKCA Declaration PAFEC5000
Exploded view PAFEC35-42-50