



Technical parameters

Installation		
Type of installation	Horizontal	
Recommended installation height	2.5 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	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	0.7222; 0.6111; 0.5 m³/s	
Sound data		
Sound level	55; 50; 43 dB(A)	
Sound pressure (LpA)	Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m².	
Sound power (LWA)	71 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	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	

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Get In Touch

Call: 0845 6880112
 Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard, Settle, North Yorkshire, BD24 9RH





Water data

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	1.6	MPa
Water volume inside coil	1.4	L
Dimension water connections	15 mm	Cu

Parameter

Output	19.38	kW
Air flow	2,600.00	m³/h
Inlet air temperature	20.0	°C
Outlet air temperature	41.8	°C
Water flow	0.236	l/s
Air pressure drop	15	Pa
Inlet air humidity	70	% r.H
Outlet air humidity	20	% r.H
Water pressure drop	23.4	kPa
Inlet fluid temperature	80	°C
Outlet fluid temperature	60	°C
Fluid		Water

Accessories

FCBA Control for air curtain (74687)
 FCPA Control for air curtain (74686)
 FHDN15 Flexible hose kit (77179)
 PA2P20 Pendulum bar (19569)
 PA34TR20 Threaded bars (18057)
 VPFC15LF Valve system (238293)
 VPFC20 Valve system (238295)
 VPFC32 Valve system (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 (238294)
 VPFC25 Valve system (238296)

Documents

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

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