



## 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	1,050 mm
Height	230 mm
Depth	345 mm
Weight	18 kg
Air flow	
Air flow	0.3611; 0.3056; 0.25 m <sup>3</sup> /s
Sound data	
Sound level	53; 49; 42 dB(A)
Sound pressure (LpA)	Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m <sup>2</sup> .
Sound power (LWA)	69 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	0.45 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

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### Get In Touch

Call: 0845 6880112  
Email: [info@adremit.co.uk](mailto: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	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	1.6 MPa
Water volume inside coil	0.7 L
Dimension water connections	15 mm Cu

Parameter	
Output	8.48 kW
Air flow	1,300.00 m³/h
Inlet air temperature	20.0 °C
Outlet air temperature	39.1 °C
Water flow	0.103 l/s
Air pressure drop	16 Pa
Inlet air humidity	70 % r.H
Outlet air humidity	23 % r.H
Water pressure drop	3.2 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)  
 PA2P15 Pendulum bar (19568)  
 PA34TR15 Threaded bars (18056)  
 VPFC15LF Valve system (238293)  
 VPFC20 Valve system (238295)  
 VPFC32 Valve system (238297)

FCDA Control for air curtain (74684)  
 FCSA Control for air curtain (74685)  
 PA2EF10 External intake filter (14875)  
 PA2PF15 Pendulum brackets (19415)  
 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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