



Technical parameters

Installation	
Type of installation	Horizontal
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	1,039 mm
Height	306 mm
Depth	525 mm
Weight	44 kg
Air flow	
Air flow	0.4444; 0.3611; 0.2222 m ³ /s
Sound data	
Sound level	58; 54; 42 dB(A)
Sound pressure (LpA)	Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m ² .
Sound power (LWA)	74 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	2.3 A
Input power (P1), motor 50Hz	340 W

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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 40/30 °C, air +18 °C	6.8 kW
Pressure drop water 40/30 °C, air +18 °C	5.7 kPa
Water temperature	max 110 °C
Maximum working pressure	1.6 MPa
Water volume inside coil	2 L
Dimension water connections	DN20 (G 3/4") Outside thread

Parameter	
Output	21.77 kW
Air flow	1,600.00 m³/h
Inlet air temperature	20.0 °C
Outlet air temperature	59.8 °C
Water flow	0.266 l/s
Air pressure drop	89 Pa
Inlet air humidity	70 % r.H
Outlet air humidity	8 % r.H
Water pressure drop	11.6 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)

PA34CB15 Ceiling brackets (18059)

PA34TR15 Threaded bars (18056)

PA34WB15 Wall brackets (18044)

PA3DCL Design kit ceiling (13555)

PA3DCS Design kit ceiling (13552)

PA3DXT Design kit ceiling (13556)

PA3XT10 Outlet extension (19085)

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)

PA34EF10 External inlet filter (19064)

PA34VD15 Vibration damper (18065)

PA34WS15 Wire suspension (18062)

PA3DCM Design kit ceiling (13553)

PA3DW10 Design kit wall (110834)

PA3JK Vertical kit/Joining kit (110759)

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

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