



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	2,549 mm
Height	306 mm
Depth	525 mm
Weight	89.5 kg
Air flow	
Air flow	1.1944; 1; 0.625 m ³ /s
Sound data	
Sound level	64; 59; 47 dB(A)
Sound pressure (LpA)	Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m ² .
Sound power (LWA)	80 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	5.1 A
Input power (P1), motor 50Hz	860 W

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Get In Touch

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Water data	
Water heating full output 60/40 °C, air +18 °C	31 kW
Pressure drop water 60/40 °C, air +18 °C	14.2 kPa
Water temperature	max 110 °C
Maximum working pressure	1.6 MPa
Water volume inside coil	4 L
Dimension water connections	DN20 (G 3/4") Outside thread

Parameter	
Output	51.11 kW
Air flow	4,300.00 m³/h
Inlet air temperature	20.0 °C
Outlet air temperature	54.7 °C
Water flow	0.624 l/s
Air pressure drop	54 Pa
Inlet air humidity	70 % r.H
Outlet air humidity	10 % r.H
Water pressure drop	32.5 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)

PA34CB30 Ceiling brackets (18061)

PA34TR30 Threaded bars (18058)

PA34WB30 Wall brackets (18046)

PA3DCL Design kit ceiling (13555)

PA3DCS Design kit ceiling (13552)

PA3DXT Design kit ceiling (13556)

PA3VDW25 Design kit vertical (110753)

VPFC15LF Valve system (238293)

VPFC20 Valve system (238295)

VPFC32 Valve system (238297)

DTV200S Filter pressure guard (17597)

FCDA Control for air curtain (74684)

FCSA Control for air curtain (74685)

FHDN2010 Flexible hose kit (88906)

PA34EF25 External inlet filter (19067)

PA34VD30 Vibration damper (18067)

PA34WS30 Wire suspension (18064)

PA3DCM Design kit ceiling (13553)

PA3DW25 Design kit wall (110837)

PA3JK Vertical kit/Joining kit (110759)

PA3XT25 Outlet extension (19088)

VPFC15NF Valve system (238294)

VPFC25 Valve system (238296)

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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