



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	IP20
Ambient working temperature (dry conditions)	-20 to 30 °C
Dimensions and weights	
Length	1,057 mm
Height	302 mm
Depth	638 mm
Weight	39.3 kg
Air flow	
Air flow	0.5278; 0.4444; 0.2778 m ³ /s
Sound data	
Sound level	59; 54; 43 dB(A)
Sound pressure (LpA)	Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m ² .
Sound power (LWA)	75 dB(A)
Conditions sound level	Measurements according to ISO 27327-2: 2014, Installation type E.

Get In Touch

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Our Address

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**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
Control/motor current, 60 Hz	2.3	A
Input power (P1), motor 60Hz	340	W
Enclosure class, motor	IP20	
Insulation class	B	

Water data

Water heating full output 60/40 °C, air +18 °C	8.3	kW
Pressure drop water 60/40 °C, air +18 °C	4.2	kPa
Water temperature	5 to 110	°C
Maximum working pressure	1.6	MPa
Water volume inside coil	1.3	L
Dimension water connections	DN20 (G 3/4")	Inside thread

Parameter

Output	13.99	kW
Air flow	1,900.00	m³/h
Inlet air temperature	20.0	°C
Outlet air temperature	41.5	°C
Water flow	0.171	l/s
Air pressure drop	25	Pa
Inlet air humidity	70	% r.H
Outlet air humidity	20	% r.H
Water pressure drop	10.9	kPa
Inlet fluid temperature	80	°C
Outlet fluid temperature	60	°C
Fluid		Water

Accessories

AR35XTT10 Air extension (19070)

FCBA Control for air curtain (74687)

FCOTX Outdoor temp. sensor (74695)

FCSA Control for air curtain (74685)

PA34TR15 Threaded bars (18056)

VPFC15LF Valve system (238293)

VPFC20 Valve system (238295)

VPFC32 Valve system (238297)

DTV200S Filter pressure guard (17597)

FCDA Control for air curtain (74684)

FCPA Control for air curtain (74686)

PA34CB15 Ceiling brackets (18059)

PA34VD15 Vibration damper (18065)

VPFC15NF Valve system (238294)

VPFC25 Valve system (238296)

Documents

Catalogue pages Arden 3500

Manual Arden 3500

Declaration of Conformity ARFEC3500

UKCA Declaration ARFEC3500

Exploded view ARFEC35

Article name: ARFEC3510W Air curtain Arden | Product link: <https://shop.systemair.com/en-GB/productPermalink?p=531476> | Item Number: 190546 | Document type: Product card | Created at: 19.02.2024 | Generated by: Systemair Online Catalogue | Language: English

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