



# ARFEC3515W Air curtain Arden

Water heat, L=1.5m, recessed

Item number: 190550



## Recessed energy-efficient air curtain for commercial premises.

Arden 3500 is designed for recessed installation with a recommended installation height of 3,5 m and is equipped with energy-efficient EC motors which enable stepless control of the airflow. The air curtain together with the intelligent FC control system allows you to easily optimize your comfort and save energy.

The recommended installation height varies depending on the relevant premises.

The control system is ordered separately.



## 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	1,567 mm
Height	302 mm
Depth	638 mm
Weight	55 kg

<b>Air flow</b>		
Air flow	2800; 2400; 1500	m³/h
<b>Sound data</b>		
Sound pressure (LpA)	60; 56; 43	dB(A)
Conditions sound pressure	Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m².	
Sound power (LWA)	76	dB(A)
Conditions sound level	Measurements according to ISO 27327-2: 2014, Installation type E.	
<b>Motor/control supply</b>		
Control/motor supply	230	V
Phases, motor	1~	
Control/motor current, 50 Hz	3.2	A
Input power (P1), motor 50Hz	510	W
Control/motor current, 60 Hz	3.2	A
Input power (P1), motor 60Hz	510	W
Enclosure class, motor	IP20	
Insulation class	B	
<b>Water data</b>		
Water heating full output 60/40 °C, air +18 °C	12	kW
Pressure drop water 60/40 °C, air +18 °C	3.3	kPa
Water temperature	5 to 110	°C
Maximum working pressure	16	bar
Water volume inside coil	2.1	L
Dimension water connections	DN20 (G 3/4") Inside thread	
Heating	Water heat, coil for medium water temperature	

## Performance

Parameter	
Output	21.33 kW
Air flow	2,800 m <sup>3</sup> /h
Inlet air temperature	20 °C
Outlet air temperature	42 °C
Water flow	0.260 l/s
Air pressure drop	19 Pa
Inlet air humidity	70.0 % r.H
Outlet air humidity	19.0 % r.H
Water pressure drop	8.5 kPa
Inlet fluid temperature	80 °C
Outlet fluid temperature	60 °C
Fluid	Water

## Accessories

- AR35XTT15 Air extension (19071)
- FCBA Control for air curtain (74687)
- FCOTX Outdoor temp. sensor (74695)
- FCSA Control for air curtain (74685)
- PA34CB15 Ceiling brackets (18059)
- PA34VD15 Vibration damper (18065)
- VPFC15NF Valve system (238294)
- VPFC25 Valve system (238296)
- DTV200S Filter pressure guard (17597)
- FCDA Control for air curtain (74684)
- FCPA Control for air curtain (74686)
- FH1020 Flexible hose kit (237568)
- PA34TR15 Threaded bars (18056)
- VPFC15LF Valve system (238293)
- VPFC20 Valve system (238295)
- VPFC32 Valve system (238297)

## Documents

- Catalogue pages Arden 3500
- Manual Arden 3500
- Declaration of Conformity ARFEC3500
- UKCA Declaration ARFEC3500
- Exploded view ARFEC35