

ARFEC3520W Air curtain Arden

Article number: 190554



Description

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		
Maximum installation height	3.5	m
Nominal data		
Color casing	Traffic white	
Color casing, RAL	RAL 9016	
Color, outlet grilles	Telegrey 2	
Color outlet grilles, NCS	S 5005-B20G	
Color outlet grilles, RAL	RAL 7046	
Enclosure class	IP20	
Ambient working temperature (dry conditions)	-20 to 30	°C
Dimensions and weights		
Length	2,073	mm
Height	302	mm
Depth	638	mm
Weight	70.3	kg
Air flow		
Air flow	3700; 3050; 2100	m³/h
Sound data		
Sound level	61; 57; 45	dB(A)
Sound power level LWA	77	dB(A)
Motor/control supply		
Control/motor supply	230	V
Phases, motor	1~	
Control/motor current, 50 Hz	4.2	A
Input power (P1), motor 50Hz	670	W
Control/motor current, 60 Hz	4.2	A
Input power (P1), motor 60Hz	670	W
Enclosure class, motor	IP20	
Insulation class	B	

Water data		
Water heating full output 60/40 °C, air +18 °C	17	kW
Pressure drop water 60/40 °C, air +18 °C	7	kPa
Water temperature	max 130	°C
Maximum working pressure	16	bar
Dimension water connections	DN20	

Parameter		
Power	29.58	kW
Air flow	3700	m³/h
Inlet air temperature	20	°C
Outlet air temperature	43	°C
Water flow	0.361	l/s
Air pressure drop	18	Pa
Inlet air humidity	70.0	% r.H
Outlet air humidity	18.0	% r.H
Water pressure drop	16.9	kPa
Inlet fluid temperature	80	°C
Outlet water temperature	60	°C
Fluid	fluidType_0	
Glycol	-	

Accessories

AR35XTT20 Air extension (19072)	DTV200S Filter pressure guard (17597)
FCBA Control for air curtain (74687)	FCDA Control for air curtain (74684)
FCPA Control for air curtain (74686)	FCSA Control for air curtain (74685)
PA34CB20 Ceiling brackets (18060)	PA34TR20 Threaded bars (18057)
PA34VD20 Vibration damper (18066)	VPFC15LF Valve system DN15LF (238293)
VPFC15NF Valve system DN15NF (238294)	VPFC20 Valve system DN20 (238295)
VPFC25 Valve system DN25 (238296)	VPFC32 Valve system DN32 (238297)

Documents

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