

ARFEC4220W Air curtain Arden

Article number: 230293



Description

Recessed energy-efficient air curtain for large commercial premises.

Arden 4200 is designed for recessed installation with a recommended installation height of 4,2 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	4.2	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	2,067	mm
Height	296	mm
Depth	851	mm
Weight	106	kg
Air flow		
Air flow	4700; 3800; 2300	m³/h
Sound data		
Sound level	60; 56; 44	dB(A)
Sound power level LWA	76	dB(A)
Motor/control supply		
Control/motor supply	230	V
Phases, motor	1~	
Control/motor current, 50 Hz	6	A
Input power (P1), motor 50Hz	1,030	W
Control/motor current, 60 Hz	6	A
Input power (P1), motor 60Hz	1,030	W
Enclosure class, motor	IP20	
Insulation class	B	

Water data		
Water heating full output 60/40 °C, air +18 °C	32	kW
Pressure drop water 60/40 °C, air +18 °C	19	kPa
Water temperature	max 110	°C
Maximum working pressure	16	bar
Dimension water connections	DN20	

Parameter		
Power	53.32	kW
Air flow	4700	m³/h
Inlet air temperature	20	°C
Outlet air temperature	53	°C
Water flow	0.651	l/s
Air pressure drop	65	Pa
Inlet air humidity	70.0	% r.H
Outlet air humidity	11.0	% r.H
Water pressure drop	24.1	kPa
Inlet fluid temperature	80	°C
Outlet water temperature	60	°C
Fluid	fluidType_0	
Glycol	-	

Accessories

AR42XTT20 Air extension (88062)	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 4200
Manual Arden 4200
Declaration of Conformity ARFEC4200
UKCA Declaration ARFEC4200
Exploded view ARFEC42