

ARFEC4220E24 Air curtain Arden

Article number: 230292



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	96	kg
Air flow		
Air flow	4900; 4100; 2500	m³/h
Sound data		
Sound level	62; 57; 44	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	6	A
Input power (P1), motor 50Hz	1,015	W
Control/motor current, 60 Hz	6	A
Input power (P1), motor 60Hz	1,015	W
Enclosure class, motor	IP20	
Insulation class	B	

Electric heat		
Input power, heater	24; 16; 7.8	kW
Current heating	33.8; 23; 11	A
Voltage heating	400	V
Phases	3~	
Temperature rise, maximum heat output, highest airflow	14	°C
Temperature rise, maximum heat output, middle airflow	17	°C
Temperature rise, maximum heat output, lowest airflow	28	°C

Parameter		
Power		24.00 kW
Air flow		4900 m³/h
Inlet air temperature		20 °C
Outlet air temperature		35 °C
Inlet air humidity		70.0 % r.H
Outlet air humidity		29.6 % r.H

Accessories

AR42XTT20 Air extension (88062)	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)

Documents

Catalogue pages Arden 4200
Manual Arden 4200
Declaration of Conformity ARFEC4200
UKCA Declaration ARFEC4200
Exploded view ARFEC42