

ARFEC4210WLL Air curtain Arden

Article number: 230286



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	1,067 mm
Height	296 mm
Depth	851 mm
Weight	59 kg
Air flow	
Air flow	2300; 1900; 1100 m ³ /h
Sound data	
Sound level	56; 52; 40 dB(A)
Sound power level LWA	72 dB(A)
Motor/control supply	
Control/motor supply	230 V
Phases, motor	1~
Control/motor current, 50 Hz	3.4 A
Input power (P1), motor 50Hz	510 W
Control/motor current, 60 Hz	3.4 A
Input power (P1), motor 60Hz	510 W
Enclosure class, motor	IP20
Insulation class	B

Water data	
Water heating full output 40/30 °C, air +18 °C	9.6 kW
Pressure drop water 40/30 °C, air +18 °C	8.3 kPa
Water temperature	max 110 °C
Maximum working pressure	16 bar
Dimension water connections	DN20

Parameter	
Power	30.40 kW
Air flow	2300 m³/h
Inlet air temperature	20 °C
Outlet air temperature	59 °C
Water flow	0.371 l/s
Air pressure drop	109 Pa
Inlet air humidity	70.0 % r.H
Outlet air humidity	8.0 % r.H
Water pressure drop	17.1 kPa
Inlet fluid temperature	80 °C
Outlet water temperature	60 °C
Fluid	fluidType_0
Glycol	-

Accessories

AR42XTT10 Air extension (88060)
 FCBA Control for air curtain (74687)
 FCPA Control for air curtain (74686)
 PA34CB15 Ceiling brackets (18059)
 PA34VD15 Vibration damper (18065)
 VPFC15NF Valve system DN15NF (238294)
 VPFC25 Valve system DN25 (238296)

DTV200S Filter pressure guard (17597)
 FCDA Control for air curtain (74684)
 FCSA Control for air curtain (74685)
 PA34TR15 Threaded bars (18056)
 VPFC15LF Valve system DN15LF (238293)
 VPFC20 Valve system DN20 (238295)
 VPFC32 Valve system DN32 (238297)

Documents

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