



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	64.5	kg
Air flow		
Air flow	3800; 3200; 2250	m³/h
Sound data		
Sound level	63; 59; 45	dB(A)
Sound power level LWA	78	dB(A)
Motor/control supply		
Control/motor supply	230	V
Control/motor current, 50 Hz	4.1	A
Input power (P1), motor 50Hz	670	W
Control/motor current, 60 Hz	4.1	A
Input power (P1), motor 60Hz	670	W
Enclosure class, motor	IP20	
Insulation class	B	

Electric heat		
Input power, heater	18; 9	kW
Current heating	26; 13	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	24	°C

Parameter		
Power		18.00 kW
Air flow		3800 m³/h
Inlet air temperature		20 °C
Outlet air temperature		34 °C
Inlet air humidity		70.0 % r.H
Outlet air humidity		30.4 % r.H

Accessories

AR35XTT20 Air extension (19072)	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 3500
Manual Arden 3500
Declaration of Conformity ARFEC3500
UKCA Declaration ARFEC3500
Exploded view ARFEC35