

ARFEC3515E14 Air curtain Arden

Article number: 190549



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	1,567	mm
Height	302	mm
Depth	638	mm
Weight	52.5	kg
Air flow		
Air flow	3000; 2550; 1550	m³/h
Sound data		
Sound level	62; 58; 44	dB(A)
Sound power level LWA	77	dB(A)
Motor/control supply		
Control/motor supply	230	V
Control/motor current, 50 Hz	3.2	A
Input power (P1), motor 50Hz	510	W
Control/motor current, 60 Hz	3.2	A
Input power (P1), motor 60Hz	510	W
Enclosure class, motor	IP20	
Insulation class	B	

Electric heat		
Input power, heater	14; 6.8	kW
Current heating	19.5; 10	A
Voltage heating	400	V
Phases	3~	
Temperature rise, maximum heat output, highest airflow	13	°C
Temperature rise, maximum heat output, middle airflow	16	°C
Temperature rise, maximum heat output, lowest airflow	26	°C

Parameter		
Power		14.00 kW
Air flow		3000 m³/h
Inlet air temperature		20 °C
Outlet air temperature		34 °C
Inlet air humidity		70.0 % r.H
Outlet air humidity		30.8 % r.H

Accessories

AR35XTT15 Air extension (19071)	FCBA Control for air curtain (74687)
FCDA Control for air curtain (74684)	FCPA Control for air curtain (74686)
FCSA Control for air curtain (74685)	PA34CB15 Ceiling brackets (18059)
PA34TR15 Threaded bars (18056)	PA34VD15 Vibration damper (18065)

Documents

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