

ARFEC3515WLL Air curtain Arden

Article number: 190551



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	58	kg
Air flow		
Air flow	2800; 2400; 1500	m³/h
Sound data		
Sound level	60; 56; 43	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	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	

Water data		
Water heating full output 40/30 °C, air +18 °C	12	kW
Pressure drop water 40/30 °C, air +18 °C	6	kPa
Water temperature	max 130	°C
Maximum working pressure	16	bar
Dimension water connections	DN20	

Parameter		
Power		38.76 kW
Air flow		2800 m³/h
Inlet air temperature		20 °C
Outlet air temperature		60 °C
Water flow		0.473 l/s
Air pressure drop		44 Pa
Inlet air humidity		70.0 % r.H
Outlet air humidity		8.0 % r.H
Water pressure drop		12.0 kPa
Inlet fluid temperature		80 °C
Outlet water temperature		60 °C
Fluid		fluidType_0
Glycol		-

Accessories

AR35XTT15 Air extension (19071)	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)
PA34CB15 Ceiling brackets (18059)	PA34TR15 Threaded bars (18056)
PA34VD15 Vibration damper (18065)	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 3500
Manual Arden 3500
Declaration of Conformity ARFEC3500
UKCA Declaration ARFEC3500
Exploded view ARFEC35