

SFFEC4WL Air curtain Scand

Article number: FE10241



Description

Curved and energy-efficient air curtain for revolving doors.

Scand is a vertical air curtain specially designed for revolving doors, with a curved design that integrates neatly with the door. The air curtain is adapted to customer needs and equipped with energy-efficient EC motors which enable stepless control of the airflow. Together with the intelligent FC control system, the air curtain allows you to easily optimize your comfort and save energy.

The control system is ordered separately.

Technical parameters

Installation		
Maximum installation height	2,200	mm
Nominal data		
Color casing	Stainless steel	
Color, outlet grilles	Telegrey 2	
Color outlet grilles, RAL	RAL 7046	
Enclosure class	IP20	
Ambient working temperature (dry conditions)	-20 to 30	°C
Dimensions and weights		
Length	2,200	mm
Height	296	mm
Depth	581	mm
Weight	80	kg
Air flow		
Air flow	3300; 2750; 1650	m³/h
Sound data		
Sound level	64; 59; 47	dB(A)
Sound power level LWA	80	dB(A)
Motor/control supply		
Control/motor supply	230	V
Phases, motor	1~	
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
Water data		
Water heating full output 60/40 °C, air +18 °C	21	kW
Water temperature	max 120	°C
Maximum working pressure	16	bar
Dimension water connections	DN25	

Parameter	
Power	34.51 kW
Air flow	3300 m³/h
Inlet air temperature	20 °C
Outlet air temperature	51 °C
Water flow	0.421 l/s
Air pressure drop	36 Pa
Inlet air humidity	70.0 % r.H
Outlet air humidity	12.0 % r.H
Water pressure drop	25.1 kPa
Inlet fluid temperature	80 °C
Outlet water temperature	60 °C
Fluid	fluidType_0
Glycol	-

Accessories

FCBA Control for air curtain (74687)	FCDA Control for air curtain (74684)
FCPA Control for air curtain (74686)	FCSA Control for air curtain (74685)
FCWTA Water temp sensor (74702)	FH1025 Flexible hose kit DN25 (330955)
SFSEH Extension hood (FE10129)	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 Scand
Manual Scand
Declaration of Conformity SFFEC
UKCA Declaration SFFEC