

SIFEC20WL-V Air curtain Sierra

Article number: FE10223



Description

Unique energy-efficient air curtain for exclusive establishments.

Sierra has a striking design suitable for exclusive establishments. In stainless steel with the finish or the colour of your choice, Sierra is customized to perfectly fit your entrance and make it unique. The recommended installation width is 5 m with air curtains mounted on both sides of the opening (varies depending on the relevant premises).

The air curtain is 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...

Find more details in our online catalogue

Technical parameters

Nominal data		
Color casing	Stainless steel	
Color outlet grilles, RAL	RAL 9005	
Enclosure class	IP20	
Ambient working temperature (dry conditions)	-20 to 30	°C
Dimensions and weights		
Length	2,108	mm
Height	393	mm
Depth	363	mm
Weight	82	kg
Air flow		
Air flow	3300; 2750; 1650	m³/h
Sound data		
Sound level	66; 61; 48	dB(A)
Sound power level LWA	82	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	680	W
Control/motor current, 60 Hz	4.1	A
Input power (P1), motor 60Hz	680	W
Electric heat		
Temperature rise, maximum heat output, highest airflow	19	°C
Temperature rise, maximum heat output, middle airflow	20	°C
Temperature rise, maximum heat output, lowest airflow	24	°C
Water data		
Water heating full output 60/40 °C, air +18 °C	21	kW
Water temperature	max 120	°C
Dimension water connections	DN25	

Parameter	
Power	34.58 kW
Air flow	3300 m³/h
Inlet air temperature	20 °C
Outlet air temperature	51 °C
Water flow	0.422 l/s
Air pressure drop	36 Pa
Inlet air humidity	70.0 % r.H
Outlet air humidity	12.0 % r.H
Water pressure drop	25.3 kPa
Inlet fluid temperature	80 °C
Outlet water temperature	60 °C
Fluid	fluidType_0
Glycol	-

Accessories

AXP300 Hit protection (10028)	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)	SIFEH Extension hood (FE10234)
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 Sierra
Drilling template Sierra SIFEC V 1:1
Manual Sierra
Declaration of Conformity SIFEC
UKCA Declaration SIFEC