



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 height is 3,5 m (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 system is ordered separately.

Find more details in our online catalogue

Technical parameters

Installation		
Maximum installation height	3,500	mm
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	2,124	mm
Height	393	mm
Depth	363	mm
Weight	86	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	18	°C
Temperature rise, maximum heat output, middle airflow	20	°C
Temperature rise, maximum heat output, lowest airflow	24	°C
Water data		
Water temperature	max 120	°C
Dimension water connections	DN20	

Parameter		
Power		19.58 kW
Air flow		3300 m³/h
Inlet air temperature		20 °C
Outlet air temperature		37 °C
Water flow		0.239 l/s
Air pressure drop		35 Pa
Inlet air humidity		70.0 % r.H
Outlet air humidity		25.0 % r.H
Water pressure drop		12.5 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)	PA34CB20 Ceiling brackets (18060)
PA34TR20 Threaded bars (18057)	PA34VD20 Vibration damper (18066)
PA34WS20 Wire suspension (18063)	SIFWBB Wall bracket brushed (251886)
SIFWBMP Wall bracket mirrorp (251888)	SIFWBP Wall bracket polished (251887)
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