



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                                                 | 1,124           | mm    |
| Height                                                 | 393             | mm    |
| Depth                                                  | 363             | mm    |
| Weight                                                 | 63              | kg    |
| Air flow                                               |                 |       |
| Air flow                                               | 1700; 1400; 850 | m³/h  |
| Sound data                                             |                 |       |
| Sound level                                            | 61; 56; 46      | dB(A) |
| Sound power level LWA                                  | 77              | dB(A) |
| Motor/control supply                                   |                 |       |
| Control/motor supply                                   | 230             | V     |
| Phases, motor                                          | 1~              |       |
| Control/motor current, 50 Hz                           | 2.3             | A     |
| Input power (P1), motor 50Hz                           | 340             | W     |
| Control/motor current, 60 Hz                           | 2.3             | A     |
| Input power (P1), motor 60Hz                           | 340             | 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                    |  | 10.10 kW    |
| Air flow                 |  | 1700 m³/h   |
| Inlet air temperature    |  | 20 °C       |
| Outlet air temperature   |  | 37 °C       |
| Water flow               |  | 0.123 l/s   |
| Air pressure drop        |  | 42 Pa       |
| Inlet air humidity       |  | 70.0 % r.H  |
| Outlet air humidity      |  | 25.0 % r.H  |
| Water pressure drop      |  | 13.9 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)       | PA34CB15 Ceiling brackets (18059)     |
| PA34TR15 Threaded bars (18056)        | PA34VD15 Vibration damper (18065)     |
| PA34WS15 Wire suspension (18062)      | 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               |