



Description

Stylish and energy-efficient air curtain for large commercial premises. Pamir 4200 has a recommended installation height of 4,2 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 air curtain is available for horizontal, vertical and recessed installation. The recommended installation width of Pamir 4200 is 6 m with air curtains mounted on both sides of the opening. The recommended installation height and width vary depending on the relevant premises. The control system is ordered separately. Find more details in our online catalogue

Technical parameters

| Installation                                 |                  |       |
|----------------------------------------------|------------------|-------|
| Maximum installation height                  | 4,200            | mm    |
| Nominal data                                 |                  |       |
| Color casing                                 | Traffic white    |       |
| Color casing, RAL                            | RAL 9016         |       |
| 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                                       | 2,039            | mm    |
| Height                                       | 295              | mm    |
| Depth                                        | 611              | mm    |
| Weight                                       | 84.84            | kg    |
| Air flow                                     |                  |       |
| Air flow                                     | 4700; 3900; 2300 | m³/h  |
| Sound data                                   |                  |       |
| Sound level                                  | 65; 61; 48       | dB(A) |
| Sound power level LWA                        | 81               | dB(A) |
| Motor/control supply                         |                  |       |
| Control/motor supply                         | 230              | V     |
| Control/motor current, 50 Hz                 | 6                | A     |
| Input power (P1), motor 50Hz                 | 1,015            | W     |
| Frequency                                    | 50; 60           | Hz    |
| Control/motor current, 60 Hz                 | 6                | A     |
| Input power (P1), motor 60Hz                 | 1,015            | W     |
| Input power (P1), motor                      | 1,015            | W     |

| Electric heat                                          |                  |    |
|--------------------------------------------------------|------------------|----|
| Input power, heater                                    | 24; 16; 7.8      | kW |
| Current heating                                        | 33.8; 22.5; 11.3 | A  |
| Voltage heating                                        | 400              | V  |
| Voltage (nominal)                                      | 230              | V  |
| Phases                                                 | 3~               |    |
| Temperature rise, maximum heat output, highest airflow | 15               | °C |
| Temperature rise, maximum heat output, middle airflow  | 18               | °C |
| Temperature rise, maximum heat output, lowest airflow  | 30               | °C |

| Parameter              |  |            |
|------------------------|--|------------|
| Power                  |  | 24.00 kW   |
| Air flow               |  | 4700 m³/h  |
| Inlet air temperature  |  | 20 °C      |
| Outlet air temperature |  | 35 °C      |
| Inlet air humidity     |  | 70.0 % r.H |
| Outlet air humidity    |  | 28.6 % r.H |

## 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)    | PA34CB20 Ceiling brackets (18060)     |
| PA34TR20 Threaded bars (18057)          | PA34VD20 Vibration damper (18066)     |
| PA34WB20 Wall brackets (18045)          | PA34WS20 Wire suspension (18063)      |
| PA4DCL Design kit ceiling (13560)       | PA4DCM Design kit ceiling (13559)     |
| PA4DCS Design kit ceiling (13557)       | PA4DW20 Design kit wall (110840)      |
| PA4DXT Design kit ceiling (13561)       | PA4HE Extension hood PAFEC (FE10245)  |
| PA4JK Vertical kit/Joining kit (110760) | PA4VDW20 Design kit vertical (110755) |
| PA4XT20 Outlet extension (19092)        | PAWBL20 Wall brackets (214952)        |

## Documents

|                                     |
|-------------------------------------|
| Catalogue pages Pamir 4200          |
| Manual Pamir 3500/4200/5000         |
| Declaration of Conformity PAFEC4200 |
| UKCA Declaration PAFEC4200          |
| Exploded view PAFEC35-42-50         |