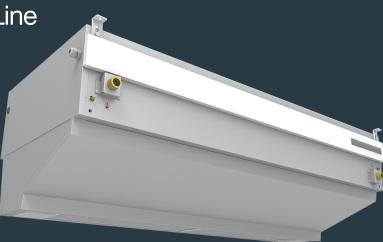


Industrial Performance Line



IP air curtains combine highly efficient climate separation with sturdy design and technical innovation to deliver outstanding energy savings with minimal maintenance. For maximum efficiency, IP units can be controlled via a contact switch. Whenever the door is opened the air curtain is activated and the thermal output increases. When the door is closed the air flow speed automatically decreases and thermal output stops. A time delay switch allows deactivation to set based on how frequently the door is used.

#### Sizes (Width)

(Joining kits available)

1.1m, 1.65m and

2.2m Mounting Height

Max. doorway height: 5m Max. throw: 3 to 4m (one side), 6 to 8m (both sides)

Colour

Standard RAL 9016

Warranty

5 years

#### Key features.









nt ErP compliar

Custom Pai

- Available as horizontal and vertical mounted units
- Ecopower Airflow Technology
- Controller with 5 settings
- Patented Side Guard Technology
- · Pressure chamber system
- Axial fans
- IP21
- · Easy to maintain
- 5 years warranty

Options (Available on request)

- Door
- switch





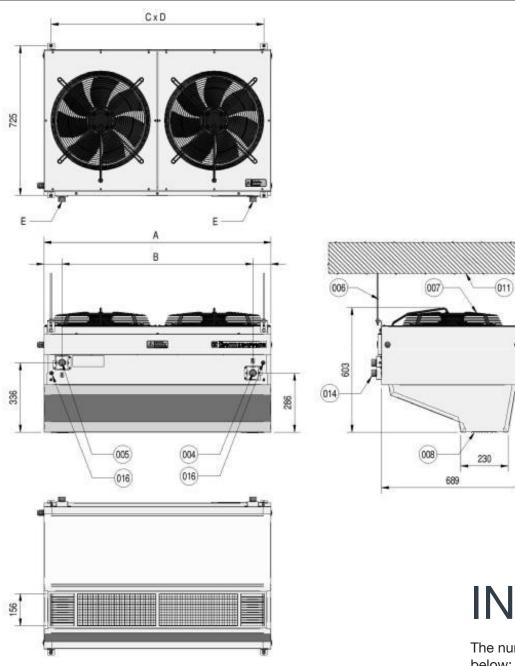
| IP WATER |                                |                    |                       |                            |                               |                      |                |              |                           |
|----------|--------------------------------|--------------------|-----------------------|----------------------------|-------------------------------|----------------------|----------------|--------------|---------------------------|
| Model    | Dimensions<br>(L x W x D) (mm) | Power<br>(V/ph/Hz) | Heating Power<br>(kW) | Max. Airflow<br>Rate (m/s) | Max. Power<br>Consumption (A) | Efficiency<br>(m³/h) | Weight<br>(kg) | dB(A)<br>@3m | Mounting<br>Height<br>(m) |
| IP1100W1 | 1100x603x689                   | 400V 3~ 50Hz       | 30.2                  | 9.4                        | 1,292                         | 5240                 | 58             | 57.6         | 5                         |
| IP1100W2 | 1100x603x689                   | 400V 3~ 50Hz       | 38.3                  | 9.1                        | 1,254                         | 5100                 | 62             | 56.9         | 5                         |
| IP1100W3 | 1100x603x689                   | 400V 3~ 50Hz       | 29.1                  | 8.8                        | 1,212                         | 4916                 | 71             | 56           | 5                         |
| IP1650W1 | 1650x603x689                   | 400V 3~ 50Hz       | 46.2                  | 9.1                        | 1,938                         | 7860                 | 83             | 59.4         | 5                         |
| IP1650W2 | 1650x603x689                   | 400V 3~ 50Hz       | 56.7                  | 8.8                        | 1,881                         | 7650                 | 94             | 58.7         | 5                         |
| IP1650W3 | 1650x603x689                   | 400V 3~ 50Hz       | 43.2                  | 8.5                        | 1,818                         | 7375                 | 101            | 57.8         | 5                         |
| IP2200W1 | 2200x603x689                   | 400V 3~ 50Hz       | 61.4                  | 9                          | 2,584                         | 10480                | 109            | 60.6         | 5                         |
| IP2200W2 | 2200x603x689                   | 400V 3~ 50Hz       | 76.8                  | 8.7                        | 2,508                         | 10200                | 126            | 59.9         | 5                         |
| IP2200W3 | 2200x603x689                   | 400V 3~ 50Hz       | 58.8                  | 8.4                        | 2,424                         | 9833                 | 133            | 59           | 5                         |

| IP AMBIENT |                                |                    |                            |                               |                      |                |           |                        |
|------------|--------------------------------|--------------------|----------------------------|-------------------------------|----------------------|----------------|-----------|------------------------|
| Model      | Dimensions<br>(L x W x D) (mm) | Power<br>(V/ph/Hz) | Max. Airflow rate<br>(m/s) | Max. Power<br>Consumption (A) | Efficiency<br>(m³/h) | Weight<br>(kg) | dB(A) @3m | Mounting<br>Height (m) |
| IP1100A    | 1100x603x689                   | 400V 3~ 50Hz       | 9.9                        | 1.4                           | 5,530                | 46             | 59.1      | 5                      |
| IP1650A    | 1650x603x689                   | 400V 3~ 50Hz       | 9.6                        | 2.1                           | 8,295                | 65             | 60.9      | 5                      |
| IP2200A    | 2200x603x689                   | 400V 3~ 50Hz       | 9.5                        | 2.8                           | 11,060               | 85             | 62.1      | 5                      |

| WATER FLOW AND PRESSURE DROP |                                   |                           |                  |                           |                                   |                           |  |  |  |
|------------------------------|-----------------------------------|---------------------------|------------------|---------------------------|-----------------------------------|---------------------------|--|--|--|
| Model                        | 1-Row He                          | ating Coil                | 2-Row He         | eating Coil               | 3-Row Heating Coil                |                           |  |  |  |
|                              | Based on a temperature of 90/70°C |                           | Based on a tem   | perature of               | Based on a temperature of 60/40°C |                           |  |  |  |
|                              | Water Flow (I/h)                  | P @ heating coil<br>(kPa) | Water Flow (I/h) | P @ heating coil<br>(kPa) | Water Flow (I/h)                  | P @ heating coil<br>(kPa) |  |  |  |
| IP1100W                      | 1,329                             | 3.1                       | 1,496.           | 2.5                       | 2,456                             | 4.9                       |  |  |  |
| IP1650W                      | 1,602                             | 4.9                       | 2,486            | 5.9                       | 2,216                             | 5.2                       |  |  |  |
| IP2200W                      | 2,132                             | 11.3                      | 2,612            | 7.9                       | 3,971                             | 22.9                      |  |  |  |

Horizontal Installation.





|        | Α    | В    | C | D      | Е     |
|--------|------|------|---|--------|-------|
| IP1100 | 1100 | 925  | 1 | 1031   |       |
| IP1650 | 1650 | 1475 | 1 | 1582   |       |
| IP2200 | 2200 | 2025 | 2 | 1065.5 |       |
| W1     |      |      |   |        | G1"   |
| W2     |      |      |   |        | G1 ¼" |
| W3     |      |      |   |        | G1 ¼" |
| Α      |      |      |   |        | -     |

## **INDEX**

(012)

The numbers are explained below:

4 - Supply 5 -

Return

6 - M8 drop

rods 7 - Air

intake

8 - Discharge

10 - Wall

11 - Ceiling

12 - Doorway

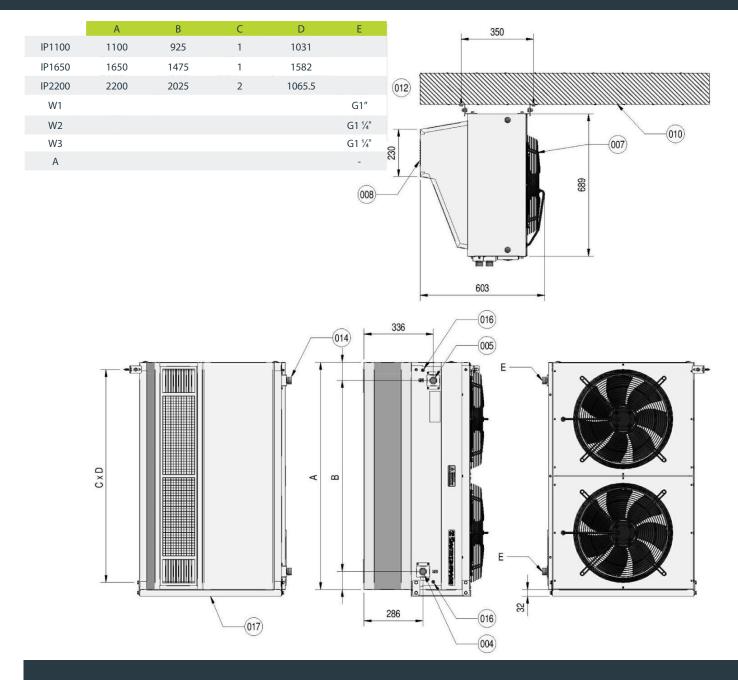
14 - Male

thread 16 - Vent

17 - Base plate

Vertical Installation.





# Thermoscreens

#### Your environment is our expertise.

Thermoscreens were one of the pioneers of modern air curtain technology, and we remain at the forefront of its evolution today. Our sales team work hand-in-hand with an international network of distributors, providing solutions to customers of all types and sizes, in more than 50 countries. Across the globe, our name is synonymous with the highest quality standards; our products renowned for their energy efficiency, reliability and ease of use.



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