# Vortice Air Door
## Air curtains

✓ TEMPERATURE INSULATION

✓ CAN BE INSTALLED next to the CEILING

✓ ENVIRONMENTAL COMFORT

✓ protect ROOMS from UNPLEASANT ELEMENTS coming in from outdoors

# Elegant design and Environmental comfort

Air curtains, installed in line with doors or openings in general, create an **invisible** barrier **separating zones of different temperatures**, preventing cooled air from escaping in summer and warm heated air in winter, in order to stop heat from being transferred from one environment to another while preventing **pollutants** (e.g., dust, exhaust gases, smoke, odours) and **insects coming in from outdoors**.

The air curtains **allow customers to enter and leave freely**, without obstructing the passageway and providing maximum visibility into the room.

The barriers can also be used **inside the building, to separate rooms with different conditions**: for example, heated areas and unheated warehouses, or dining rooms and kitchens; this facilitates the transit of staff and prevents odours and vapours from being transferred.
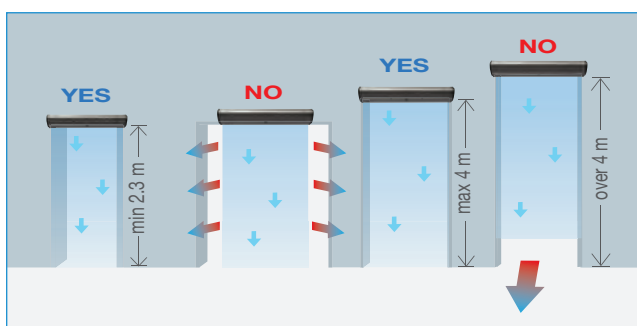
## Product specifications

- 4 models of 4 different lengths: **900**, **1200**, **1500**, **2000** mm.

- Exclusive elegant and modern Vortice design allowing air curtains to be implemented in any environment, including even the most modern and high-tech settings.

- Front panel in brushed aluminium (silver colour) with integrated air intake grille; rear panel in black painted sheet metal; side panels in black thermoplastic resin.

- IR remote control with appliance on/ off and speed selection button; these controls are also located on the frontal panel of the appliance (3 buttons).

- An IR sensor on the front panel lights up to indicate operation.

- Neutral versions (room temperature air).

- 2 operating speeds.

- Dual shaft AC motor with thermal cut-out.

- Tangential fans for quiet operation.

- An opening running lengthways at the bottom allows air to escape.

- Adjustable flaps can be used to direct the outgoing stream of air as desired.

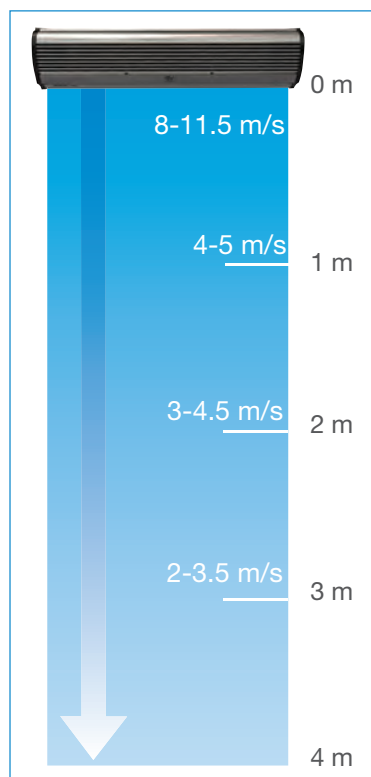- Supplied with connection cable and Schuko type plug.

## Installation

- Minimum installation height: 2.3 m.
- Maximum recommended installation height: 4 m.
- Horizontal wall installation, above doors or as close as possible to the opening, to prevent the passage of air at the sides.
- There is no need to leave space between the curtain and the ceiling, as models with a front air intake grille do not require this.
  These curtains can also be used for installations with limited space.
- Easy to install by means of a practical wall mounting bracket.

YES | NO | YES | NO

min 2.3 m | max 4 m | over 4 m

## Air speed

0 m

8-11.5 m/s

4-5 m/s — 1 m

3-4.5 m/s — 2 m

2-3.5 m/s — 3 m

4 m

## Application types

- Food industry, where climatic and hygienic separation is required between departments, alongside the quick and easy passage of goods and people;
- Hospitals and laboratories;
- Catering and hospitality (kitchen odours are kept away from dining rooms);
- Offices, schools;
- Cinemas, bookshops;
- Warehouses and manufacturing departments;
- Bars, restaurants, ice cream parlours;
- Supermarkets;
- Banks;
- Swimming pools, sports centres, changing rooms;
- Refrigerated units (outdoor mounting);
- Greenhouses, drying rooms.

# Air Door Range

AIR DOOR AD2000 - code 65198

AIR DOOR AD1500 - code 65197

AIR DOOR AD1200 - code 65196

AIR DOOR AD900 - code 65195

## Technical specifications

| AIR DOOR RANGE | | | | | |
|---|---|---|---|---|---|
| CODE | | 65195 | 65196 | 65197 | 65198 |
| Models | | AIR DOOR AD900 | AIR DOOR AD1200 | AIR DOOR AD1500 | AIR DOOR AD2000 |
| Voltage (V) | | 230 | 230 | 230 | 230 |
| Frequency (Hz) | | 50 | 50 | 50 | 50 |
| Speed level | | 2 | 2 | 2 | 2 |
| Max. power absorbed (W) | min. | 110 | 150 | 180 | 300 |
| | max. | 160 | 200 | 230 | 350 |
| Max. current absorbed (A) | | 0.7 | 0.87 | 1 | 1.52 |
| RPM | min. | 1400 | 1400 | 1400 | 1400 |
| | max. | 1450 | 1450 | 1450 | 1450 |
| Max. airflow ($m^3$/h) | min. | 1100 | 1600 | 2000 | 2900 |
| | max. | 1400 | 1900 | 2500 | 3600 |
| Max. airflow (l/s) | min. | 305 | 444 | 555 | 805 |
| | max. | 388 | 527 | 694 | 1000 |
| Air speed (m/s) | min. | 9 | 9 | 9 | 9 |
| | max. | 11 | 11 | 11 | 11 |
| Sound pressure level Lp dB(A) 2 m | min. | 55 | 56 | 57 | 59 |
| | max. | 57 | 58 | 59 | 61 |
| Max. continuous operation room temp. (°C) | | 30 | 30 | 30 | 30 |
| Weight (kg) | | 10 | 12.5 | 15.5 | 20.5 |
| Sizes WxHxD (mm) | | 900x220x190 | 1200x220x190 | 1500x220x190 | 2000x220x190 |
| Labelling | | CE | CE | CE | CE |