AIR DOOR RANGE

Air curtains

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.

- **4 models**: **AIR DOOR 900**, **1200**, **1500** and **2000**; 4 diferent lengh: 900, 1200, 1500 and 2000 mm.
- 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)
- Neutral versions (room temperature air).
- Two operating speeds.
- 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.
- Can be used in conjunction with standard door sensors available on the market.
- Designed to save energy as thermal fluctuations and heat losses are avoided.
- The barrier protects interiors against the entry of unpleasant elements from outdoors - smoke, smog, insects - as well as ensuring that smells do not spread within the building from one room to another.
- Comfort of surroundings guaranteed.
- Insulation class: I. ⏚
- Complying with the requirements of Regulation N° 327/2011/EU set out by the EUP/ErP Directive, effective starting from 01.01.2013.

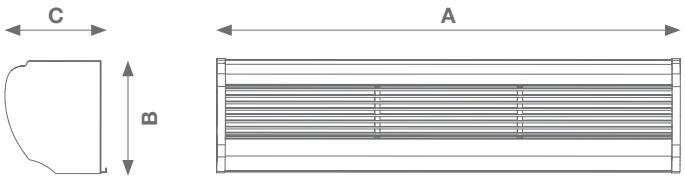
Wiring diagrams shown from page 458

TECHNICAL DATA

		AIR DOOR AD900	AIR DOOR AD1200	AIR DOOR AD1500	AIR DOOR AD2000
Code		**65195**	**65196**	**65197**	**65198**
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 (m³/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
Sizes WxHxD (mm)		900x220x190	1200x220x190	1500x220x190	2000x220x190
Labelling		CE	CE	CE	CE

Models	Code	Measurement cat.	Efficiency cat.	Year of construction	Variable drive	BEP* η	N.	(kW) Pe	m³/h q	Pa p	RPM	Spec. ratio <1.04
AD900	**65195**	B	TOTAL	01-01-13	NO	10.6	15.0	0.127	1014	48.1	1390	YES
AD1200	**65196**					10.3		0.75	1370	47.3	1340	
AD1500	**65197**					13.7	18.0	0.204	1820	55.5	1390	
AD2000	**65198**					14.4		0.260	2506	54.0	1410	

DIMENSIONS



Models	A	B	C	Kg
AD900	900	220	190	10
AD1200	1200			12.5
AD1500	1500			15.5
AD2000	2000			20.5

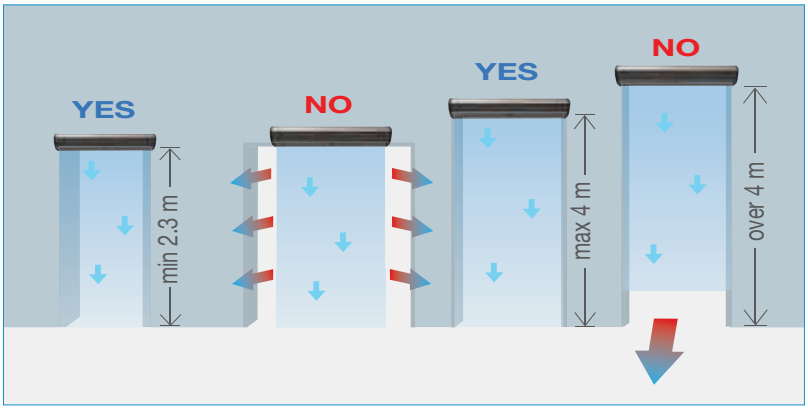
Dimensions (mm)

PRODUCT ACCESSORIES

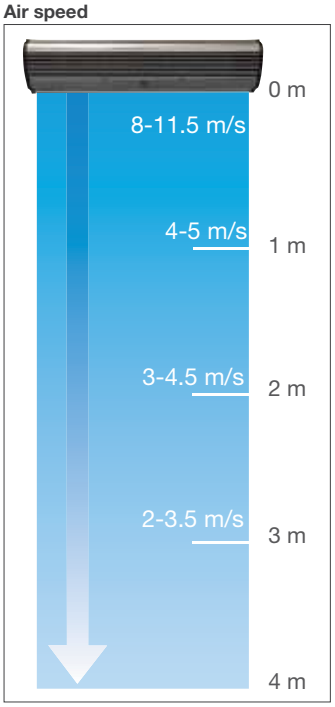
Description	Code	Product
RVG 1A Speed regulator	**12835**	65195 - 65196 - 65197
RVG 2A Speed regulator	**12836**	65198

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.



Air speed



When it gets hot, we keep cool.

Vortice® was the first company in Italy to introduce the now classic ceiling sweep fan. It now offers a great variety of fan models, designed to satisfy all requirements. The Evolution range, featuring a new and attractive design, is now available. It includes rotating, multi-directional table and floor fans, multi-directional tower fans and oscillating table, pedestal and wall-mounting fans.

CE MARKING

Summer ventilation products comply with the following European Directives:

- 2009/125/EC Eco Design Directiove (ErP)
- 2006/95/EC Low Voltage Directive (LVD)
- 2004/108/EC Electromagnetic Compatibility Directive (EMC)

According to the following state-of-the-art Standards:

Safety:

EN 60335-1
EN 60335-2-80
EN 62233

EMC:

EN 55014-1
EN 55014-2
EN 61000-3-2
EN 61000-3-3

European Regulation N° 206/2012/EU