



AGS5000

Air curtain for doors in industrial and large premises, with intelligent control

- Recommended installation height 5 m*
- Horizontal mounting
- Lengths: 1,5, 2, 2,5 and 3 m
- ✿ Ambient, no heat
- 💧 Water heat WH, WL

Application

AGS5000 is a powerful air curtain intended for industrial doors but it can also be used for entryways in other large premises such as shopping malls.

With its many clever, energy saving functions, the air curtain gives effective protection, specially adapted for your door.

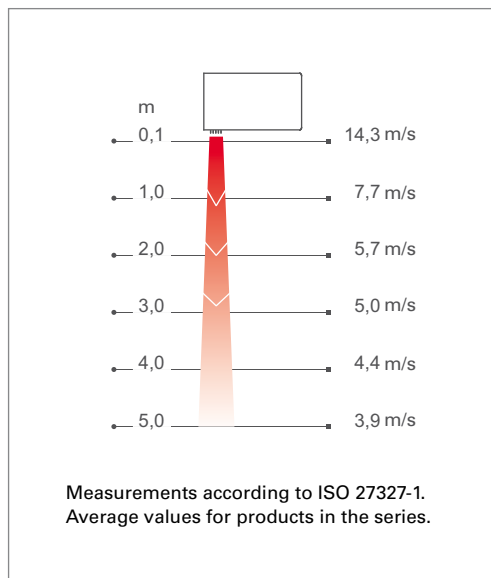
Design

AGS5000 has a timeless, clean design. The air curtain is intended for horizontal installation, models for vertical and recessed installation are available for special order.



Optimized airflow with Thermozone technology.

Air velocity profile



Product specifications

- Prepared for the SIRE control system whose pre-programmed default settings and many features make it easy to install and use the air curtain. Read more about the SIRE controls package in the "Controls" section.
- The following models are available for special order:
 - with electrical heating
 - with alternative water connections
 - for vertical installation
 - for recessed installation in suspended ceilings
- Intake grilles that can be opened make it easy to access the water coil. The grille is easy to clean from the outside.
- Adjustable outlet grille makes it possible to direct the air for optimum air curtain effect.
- Corrosion proof housing made of hot zinc-plate and powder enamelled steel panels. Colour: white, RAL 9016, NCS S 0500-N. Colour grille: grey, RAL 7046.

*) Recommended installation height varies depending on the relevant premises.

Technical specifications

✿ Ambient, no heat - AGS5000 A

Type	Output [kW]	Airflow* ¹ [m ³ /h]	Sound level* ² [dB(A)]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
AGS5015A	0	2650/5300	48/67	230V~	5,4	1515	100
AGS5020A	0	3800/7600	50/69	230V~	8,1	2010	130
AGS5025A	0	5100/10200	52/71	230V~	10,8	2520	165
AGS5030A	0	6000/12000	53/72	230V~	13,3	3030	195

💧 Water heat - AGS5000 WH, coil for high temperature water (≥80 °C)

Type	Output* ⁴ [kW]	Airflow* ¹ [m ³ /h]	Δt* ^{3,4} [°C]	Water volume [l]	Sound level* ² [dB(A)]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
AGS5015WH	31,1	2400/4800	25/19	3,8	47/66	230V~	5,2	1515	120
AGS5020WH	51,6	3500/7000	28/22	4,9	49/68	230V~	7,8	2010	155
AGS5025WH	67,5	4700/9400	28/21	6,4	50/69	230V~	10,4	2520	195
AGS5030WH	83,3	5800/11600	28/21	7,6	52/71	230V~	12,8	3030	235

💧 Water heat - AGS5000 WL, coil for low water temperature (≤80 °C)

Type	Output* ⁵ [kW]	Airflow* ¹ [m ³ /h]	Δt* ^{3,5} [°C]	Water volume [l]	Sound level* ² [dB(A)]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
AGS5015WL	25,0	2400/4800	20/16	4,0	47/66	230V~	5,2	1515	120
AGS5020WL	41,4	3500/7000	22/18	8,1	49/68	230V~	7,8	2010	155
AGS5025WL	53,7	4700/9400	21/17	9,2	50/69	230V~	10,4	2520	195
AGS5030WL	64,6	5800/11600	21/17	11,0	52/71	230V~	12,8	3030	235

*¹) Lowest/highest airflow of totally 5 fan steps.

*²) Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m². At lowest/highest airflow.

*³) Δt = temperature rise of passing air at maximum heat output and lowest/highest airflow.

*⁴) Applicable at water temperature 80/60 °C, air temperature, in +18 °C.

*⁵) Applicable at water temperature 60/40 °C, air temperature, in +18 °C.

Protection class: IP23.

CE compliant.