



PA3500

Stylish air curtain for commercial premises, with intelligent control

- Horizontal mounting
 - Recommended installation height 3,5 m*
 - Lengths: 1, 1,5, 2 and 2,5 m
- Vertical mounting
 - Recommended installation width 5 m* (2 units), one on each side
 - Lengths: 1,5, 2 and 2,5 m

✿ Ambient, no heat

⚡ Electrical heat: 8 - 20 kW

💧 Water heat WH, WL, WLL



Optimized airflow with Thermozone technology.

Application

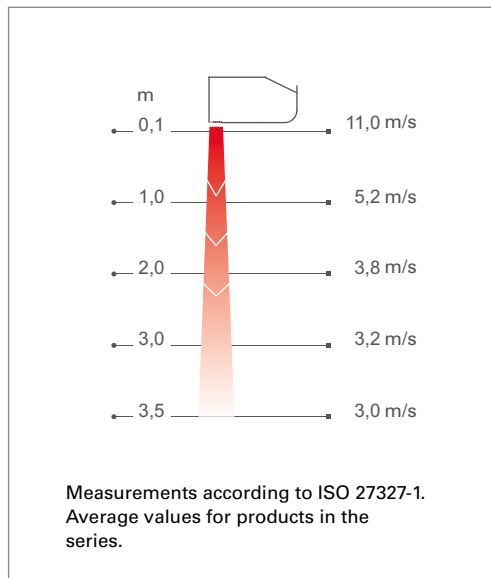
Air curtain PA3500 gives more possibilities than ever before, packed into the same product. There are therefore many areas of use. PA3500 is particularly suitable in entrances to stores, shopping centres and smaller industrial premises for example.

The air curtain has many intelligent and energy saving features which provide fully automatic protection for the entrance, adaptable to each area of use.

Design

Through its timeless design and its many accessories, it's easy to get PA3500 to blend well into the premises. Front and service hatch can be finished in any colour to perfectly match the environment. The air curtain is available for horizontal, vertical and recessed installation.

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 front is easy to open and lock in the open position, which facilitates installation and allows easy maintenance.
- The air curtain is complemented with a vertical kit for vertical installation.
- Outlet extension for recessed installation is available as an accessory.
- The accessory Design kit enables a neat installation with concealed mountings, pipes and cables.
- Corrosion proof housing made of hot zinc-plate and powder enamelled steel panels. Colour front and service hatch: white, RAL 9016, NCS S 0500-N. Colour grille, rear section and ends: grey, RAL 7046.

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

Technical specifications

✿ Ambient, no heat - PA3500 A

Type	Output [kW]	Airflow* ¹ [m³/h]	Sound level* ² [dB(A)]	Output- motor [W]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
PA3510A	0	860/1800	40/57	470	230V~	2,0	1039	36
PA3515A	0	1240/2600	40,5/58,5	650	230V~	2,8	1549	50
PA3520A	0	1530/3200	42/59,5	810	230V~	3,5	2039	65
PA3525A	0	2200/4600	42/60,5	1140	230V~	4,9	2549	79

⚡ Electrical heat - PA3500 E

Type	Output step [kW]	Airflow* ¹ [m³/h]	Δt^{*3} [°C]	Sound level* ² [dB(A)]	Output- motor [W]	Voltage motor [V]	Amperage motor [A]	Voltage [V] Amperage [A] (heat)	Length [mm]	Weight [kg]
PA3510E08	2,7/5,4/8,1	860/1800	35/13	40/57	470	230V~	2,0	400V3~/11,7	1039	44
PA3515E12	3,9/7,8/11,7	1240/2600	38/14	40,5/58,5	650	230V~	2,8	400V3~/16,9	1549	63
PA3520E16	5,4/10,8/16,2	1530/3200	35/13	42/59,5	810	230V~	3,5	400V3~/23,4	2039	80
PA3525E20	6,6/13,2/19,8	2200/4600	37/14	42/60,5	1140	230V~	4,9	400V3~/28,6	2549	104

💧 Water heat - PA3500 WH, coil for high temperature water (≥ 80 °C)

Type	Output* ⁴ [kW]	Airflow* ¹ [m³/h]	$\Delta t^{*3,4}$ [°C]	Water volume [l]	Sound level* ² [dB(A)]	Output- motor [W]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
PA3510WH	10,2	860/1800	22/17	1,0	40/57	470	230V~	2,0	1039	42
PA3515WH	15,3	1240/2600	23/17	1,6	40,5/58,5	650	230V~	2,8	1549	58
PA3520WH	20,1	1530/3200	24/19	2,2	42/59,5	810	230V~	3,5	2039	73
PA3525WH	27,4	2200/4600	23/18	2,9	42/60,5	1140	230V~	4,9	2549	92

💧 Water heat - PA3500 WL, coil for low water temperature (≤ 80 °C)

Type	Output* ⁵ [kW]	Airflow* ¹ [m³/h]	$\Delta t^{*3,5}$ [°C]	Water volume [l]	Sound level* ² [dB(A)]	Output- motor [W]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
PA3510WL	11,7	860/1800	24/19	1,5	40/57	470	230V~	2,0	1039	43
PA3515WL	18,1	1240/2600	26/21	2,4	40,5/58,5	650	230V~	2,8	1549	60
PA3520WL	22,8	1530/3200	26/21	3,3	42/59,5	810	230V~	3,5	2039	75
PA3525WL	32,6	2200/4600	26/21	4,2	42/60,5	1140	230V~	4,9	2549	95

💧 Water heat - PA3500 WLL, coil for very low temperature water (≤ 60 °C)

Type	Output* ⁶ [kW]	Airflow* ¹ [m³/h]	$\Delta t^{*3,6}$ [°C]	Water volume [l]	Sound level* ² [dB(A)]	Output- motor [W]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
PA3510WLL	7,2	830/1700	15/13	2,0	40/57	470	230V~	2,0	1039	44
PA3515WLL	10,5	1200/2500	14/12	4,1	40,5/58,5	650	230V~	2,8	1549	63
PA3520WLL	14,0	1460/3050	16/14	5,6	42/59,5	810	230V~	3,5	2039	78
PA3525WLL	19,4	2100/4400	15/13	8,3	42/60,5	1140	230V~	4,9	2549	100

*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.

*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.

*6) Applicable at water temperature 40/30 °C, air temperature, in +18 °C.

Protection class for units with electrical heating: IP20.

Protection class for units without heating and units with water heating: IP21.

CE compliant.