



PA3500

Stylish air curtain for commercial premises, with intelligent control

Recommended installation height 3,5 m

PA3500 is particularly suitable in entrances to stores, shopping centres and smaller industrial premises for example. The air curtain is available for horizontal, vertical and recessed installation.



Optimized airflow with Thermozone technology.

- The air curtain is complemented with a vertical kit for vertical installation.
- Recommended installation width 5 m (2 units, one on each side).
- 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.



✿ Ambient, no heat - PA3500 A

IP21

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

IP20

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	3,9/7,8/12	1240/2600	38/14	40,5/58,5	650	230V~	2,8	400V3~/16,9	1549	63
PA3520E16	5,4/11/16	1530/3200	35/13	42/59,5	810	230V~	3,5	400V3~/23,4	2039	80
PA3525E20	6,6/13/20	2200/4600	37/14	42/60,5	1140	230V~	4,9	400V3~/28,6	2549	104

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

IP21

Type	Output* ⁴ [kW]	Airflow* ¹ [m³/h]	Δt* ^{3,4} [°C]	Water volume [l]	Sound level* ² [dB(A)]	Output-motor [W]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
PA3510WL	12	860/1800	24/19	1,5	40/57	470	230V~	2,0	1039	43
PA3515WL	18	1240/2600	26/21	2,4	40,5/58,5	650	230V~	2,8	1549	60
PA3520WL	23	1530/3200	26/21	3,3	42/59,5	810	230V~	3,5	2039	75
PA3525WL	32	2200/4600	26/21	4,2	42/60,5	1140	230V~	4,9	2549	95

*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.

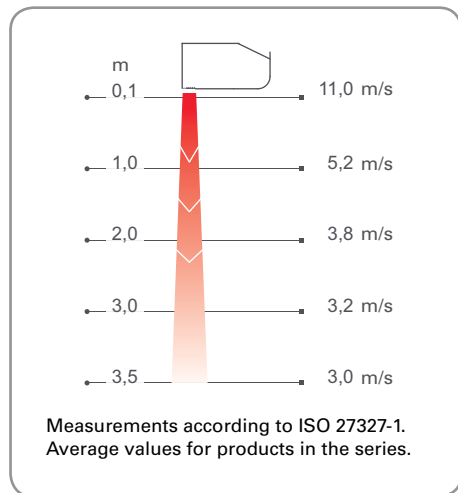
*³) Δt = temperature rise of passing air at maximum heat output and lowest/highest airflow.

*⁴) Applicable at water temperature 60/40 °C, air temperature, in +18 °C.


Approved for 220V/1ph/60Hz and 380V/3ph/60Hz. Product performance for 220V/1ph/60Hz and 380V/3ph/60Hz will differ from stated data.

For models with coil for high temperature (WH) or low temperature water (WLL), see www.frico.se.

Air velocity profile



Control

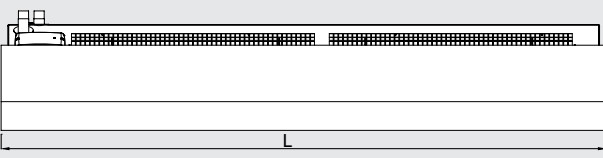



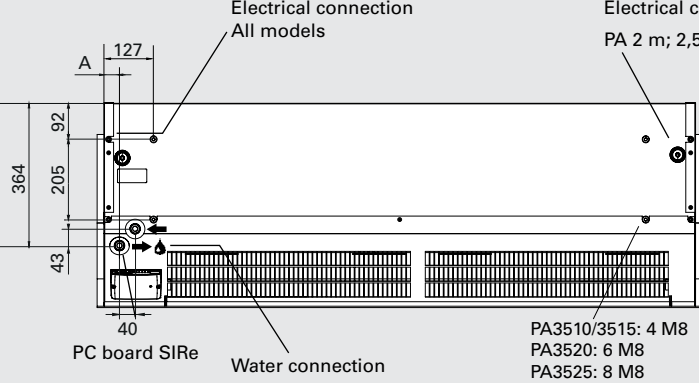

SIRe Basic
SIRe Competent
SIRe Advanced

This air curtain is supplied prepared for the SIRe control system that has many smart and energy saving functions. There are three different levels with different functionality to choose from, Basic, Competent or Advanced. Valve kit VOS(P), VOT, VMO(P) or VMT is used to control the water flow. For further information and options, see the "Controls" section.

Dimensions

Horizontal mounting





Electrical connection
All models

Electrical connection
PA 2 m; 2,5 m

PC board SIRe

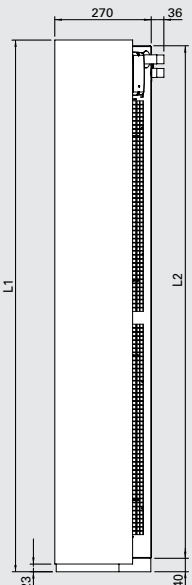
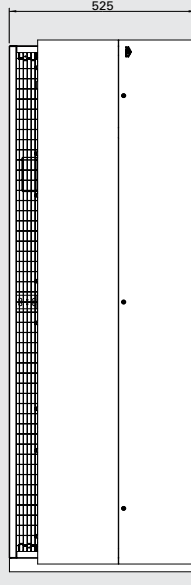
Water connection

PA3510/3515: 4 M8
PA3520: 6 M8
PA3525: 8 M8

	L [mm]	A [mm]
PA3510	1039	40
PA3515	1549	40
PA3520	2039	40
PA3525	2549	39

Vertical mounting

The unit can be reversed and placed on either side of the door. Connections and PC Board SIRe are positioned near floor level when the air curtain is placed to the left of the door and at the top when it is placed to the right (seen from the inside).

	L1 [mm]	L2 [mm]
PA3515	1572	1515
PA3520	2062	2004
PA3525	2572	2515