



PA2500

Stylish air curtain for entrances, with intelligent control

- Recommended installation height 2,5 m*
- Horizontal mounting
- Lengths: 1, 1,5 and 2 m

✿ Ambient, no heat

⚡ Electrical heat: 5 - 16 kW

💧 Water heat



Optimized airflow with Thermozone technology.

Application

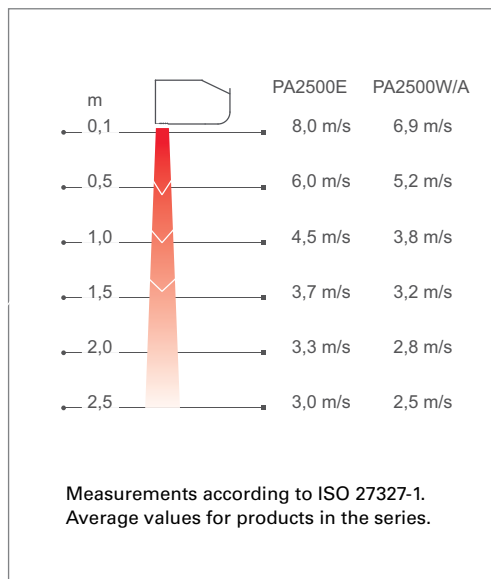
The PA2500 creates a temperature dividing air barrier that effectively prevents cold drafts and gives excellent heating comfort in door ways, such as shops, offices and public offices.

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

The PA2500 has a modern and stylish design developed to fit all entrances. A recess on the upper side of the unit with electrical heating simplifies installation and makes it more attractive. The front can be finished in any colour to perfectly match the environment.

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.
- 3 fan steps and 3 electrical heating steps, which give more even comfort and extra energy savings.
- Wall brackets included.
- The front is easy to remove, which facilitates installation and allows easy maintenance.
- Corrosion proof housing made of hot zinc-plate and powder enamelled steel panels. Colour front: white, RAL 9016, NCS S 0500-N. Colour grille, rear section, ends and brackets: grey, RAL 7046.

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

Technical specifications

✿ Ambient, no heat - PA2500 A

Type	Output	Airflow* ¹	Sound level* ²	Voltage motor	Amperage motor	Length	Weight
	[kW]	[m³/h]	[dB(A)]	[V]	[A]	[mm]	[kg]
PA2510A	0	900/1300	43/53	230V~	0,5	1050	16
PA2515A	0	1250/2100	44/54	230V~	0,7	1560	23,5
PA2520A	0	1800/2600	44/55	230V~	1,0	2050	31

⚡ Electrical heat - PA2500 E

Type	Output steps	Airflow* ¹	Δt* ³	Sound level* ²	Voltage motor	Amperage motor	Voltage [V] Amperage [A] (heat)	Length	Weight
	[kW]	[m³/h]	[°C]	[dB(A)]	[V]	[A]		[mm]	[kg]
PA2510E05	1,7/3,3/5	900/1450	17/10,5	42/51	230V~	0,5	400V3~/7,2	1050	19
PA2510E08	3/5/8	900/1450	27/16,5	42/51	230V~	0,5	400V3~/11,5	1050	20
PA2515E08	2,7/5,4/8	1400/2200	17,5/11	40/52	230V~	0,7	400V3~/11,5	1560	30
PA2515E12	3,9/8/12	1400/2200	26/16,5	40/52	230V~	0,7	400V3~/17,3	1560	32
PA2520E10	3,4/6,7/10	1800/2900	17/10,5	43/53	230V~	1,0	400V3~/14,4	2050	36
PA2520E16	6/10/16	1800/2900	27/16,5	43/53	230V~	1,0	400V3~/23,1	2050	40

💧 Water heat - PA2500 W

Type	Output* ⁴	Airflow* ¹	Δt* ^{3,4}	Water volume	Sound level* ²	Voltage motor	Amperage motor	Length	Weight
	[kW]	[m³/h]	[°C]	[l]	[dB(A)]	[V]	[A]	[mm]	[kg]
PA2510W	4,7	900/1300	12/11	0,71	42/53	230V~	0,45	1050	17,5
PA2515W	9,2	1250/2100	16/13	1,09	41/54	230V~	0,6	1560	26
PA2520W	11,5	1800/2600	15/13	1,42	43/55	230V~	0,9	2050	35

*¹) Lowest/highest airflow of totally 3 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.

Protection class for units with electrical heating: IP20.

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

CE compliant.