



## PA4200

Stylish air curtain for commercial and industrial premises, with intelligent control

Recommended installation height 4,2 m

PA4200 is specifically designed for doorways in for example, large commercial installations or industrial and warehouse buildings. 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 6 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 - PA4200 A (IP21)

Type	Output [kW]	Airflow* <sup>1</sup> [m³/h]	Sound level* <sup>2</sup> [dB(A)]	Output motor [W]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
PA4210A	0	1280/2700	46/63,5	920	230V~	4,0	1039	43
PA4215A	0	1760/3700	46/64	1260	230V~	5,5	1549	56
PA4220A	0	2520/5300	47/64,5	1840	230V~	8,0	2039	75
PA4225A	0	3020/6350	48,5/67	2140	230V~	9,3	2549	91

### ⚡ Electrical heat - PA4200 E (IP20)

Type	Output steps [kW]	Airflow* <sup>1</sup> [m³/h]	Δt* <sup>3</sup> [°C]	Sound level* <sup>2</sup> [dB(A)]	Output motor [W]	Voltage motor [V]	Amperage motor [A]	Voltage [V] Amperage [A] (heat)	Length [mm]	Weight [kg]
PA4210E12	3,9/7,8/12	1280/2700	37/14	46/63,5	920	230V~	4,0	400V3~/16,9	1039	50
PA4215E18	6,0/12/18	1760/3700	40/15	46/64	1260	230V~	5,5	400V3~/26,0	1549	71
PA4220E24	7,8/15/23	2520/5300	37/14	47/64,5	1840	230V~	8,0	400V3~/33,8	2039	94
PA4225E30	9,9/20/30	3020/6350	38/15	48,5/67	2140	230V~	9,3	400V3~/42,9	2549	113

### 💧 Water heat - PA4200 WL, coil for low water temperature (≤80 °C) (IP21)

Type	Output* <sup>4</sup> [kW]	Airflow* <sup>1</sup> [m³/h]	Δt* <sup>3,4</sup> [°C]	Water volume [l]	Sound level* <sup>2</sup> [dB(A)]	Output motor [W]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
PA4210WL	17	1280/2700	23/18	1,9	46/63,5	920	230V~	4,0	1039	50
PA4215WL	25	1760/3700	25/20	3,0	46/64	1330	230V~	5,8	1549	67
PA4220WL	35	2520/5300	24/19	4,1	47/64,5	1930	230V~	8,4	2039	90
PA4225WL	44	3020/6350	25/20	5,2	48,5/67	2280	230V~	9,9	2549	109

\*<sup>1</sup>) Lowest/highest airflow of totally 5 fan steps.

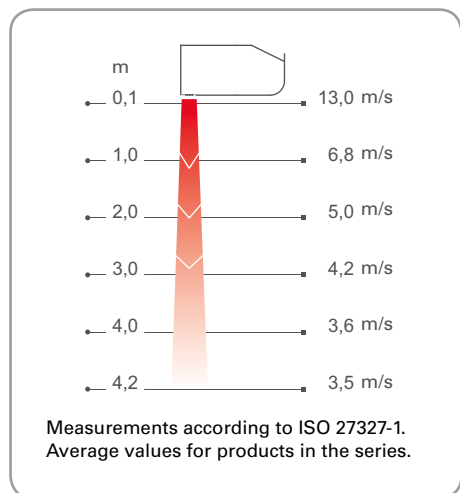
\*<sup>2</sup>) Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m². At lowest/highest airflow.

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

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

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

## Air velocity profile



## Control



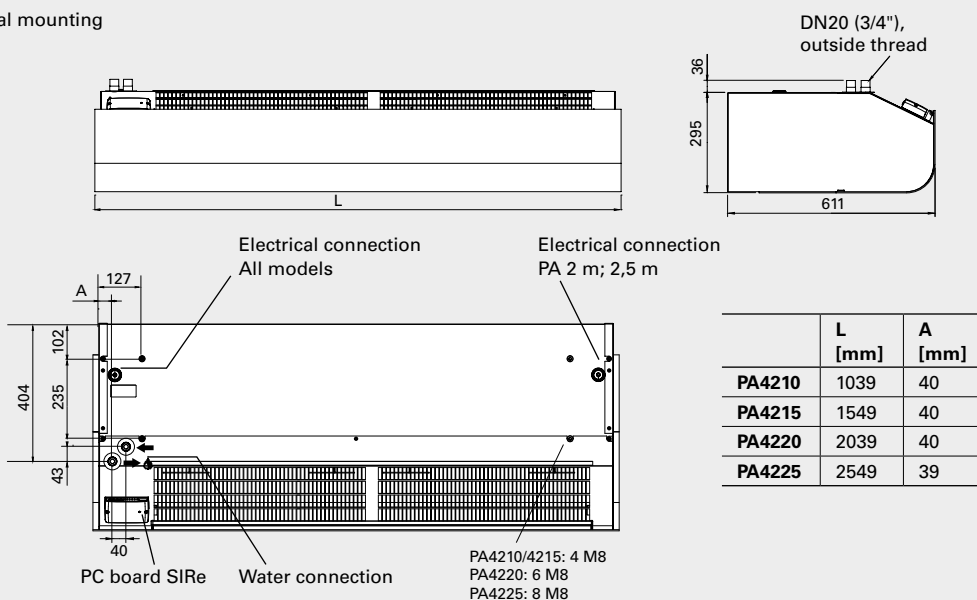


SIRe Basic      SIRe Competent      SIRe Advanced

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



### 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]
PA4215	1572	1515
PA4220	2062	2004
PA4225	2572	2515

