



## PA4200

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

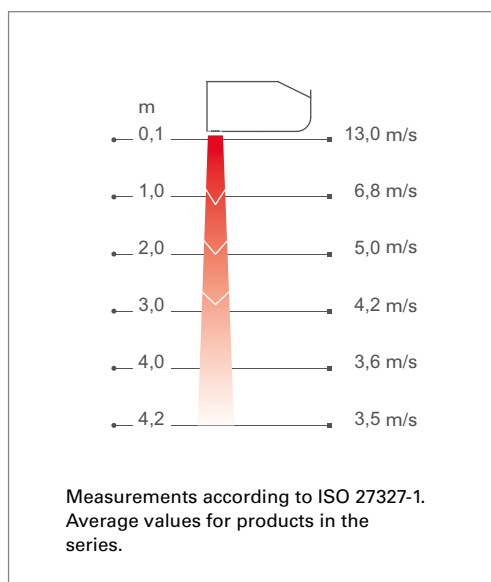
- Horizontal mounting
  - Recommended installation height 4,2 m\*
  - Lengths: 1, 1,5, 2 and 2,5 m
- Vertical mounting
  - Recommended installation width 6 m\* (2 units), one on each side
  - Lengths: 1,5, 2 and 2,5 m

- ✿ Ambient, no heat
- ⚡ Electrical heat: 12–30 kW
- 💧 Water heat WH, WL, WLL



Optimized airflow with Thermozone technology.

### Air velocity profile



### Application

With air curtain PA4200 there are more opportunities than ever before, packed into the same product. There are therefore many areas of use. PA4200 is specifically designed for doorways in for example, large commercial installations or industrial and warehouse buildings.

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 PA4200 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.

### 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 - PA4200 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]
PA4210A	0	1280/2700	46/63,5	830	230V~	3,6	1039	43
PA4215A	0	1760/3700	46/64	1150	230V~	5,0	1549	56
PA4220A	0	2520/5300	47/64,5	1610	230V~	7,0	2039	75
PA4225A	0	3020/6350	48,5/67	1990	230V~	8,6	2549	91

### ⚡ Electrical heat - PA4200 E

Type	Output steps [kW]	Airflow*1 [m³/h]	$\Delta t^{*3}$ [°C]	Sound level*2 [dB(A)]	Output- motor [W]	Voltage motor [V]	Amperage motor [A]	Voltage [V] Amperage [A] (heat)	Length [mm]	Weight [kg]
PA4210E12	3,9/7,8/11,7	1280/2700	37/14	46/63,5	830	230V~	3,6	400V3~/16,9	1039	50
PA4215E18	6,0/12,0/18,0	1760/3700	40/15	46/64	1150	230V~	5,0	400V3~/26,0	1549	71
PA4220E24	7,8/15,6/23,4	2520/5300	37/14	47/64,5	1610	230V~	7,0	400V3~/33,8	2039	94
PA4225E30	9,9/19,8/29,7	3020/6350	38/15	48,5/67	1990	230V~	8,6	400V3~/42,9	2549	113

### 💧 Water heat - PA4200 WH, coil for high temperature water ( $\geq 80$ °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]
PA4210WH	14,4	1280/2700	21/16	1,3	46/63,5	830	230V~	3,6	1039	49
PA4215WH	20,7	1760/3700	22/17	2,0	46/64	1150	230V~	5,0	1549	65
PA4220WH	29,9	2520/5300	22/17	2,7	47/64,5	1610	230V~	7,0	2039	87
PA4225WH	35,6	3020/6350	22/17	3,8	48,5/67	1990	230V~	8,6	2549	105

### 💧 Water heat - PA4200 WL, coil for low water temperature ( $\leq 80$ °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]
PA4210WL	16,9	1280/2700	23/18	1,9	46/63,5	830	230V~	3,6	1039	50
PA4215WL	24,7	1760/3700	25/20	3,0	46/64	1150	230V~	5,0	1549	67
PA4220WL	34,8	2520/5300	24/19	4,1	47/64,5	1610	230V~	7,0	2039	90
PA4225WL	43,8	3020/6350	25/20	5,2	48,5/67	1990	230V~	8,6	2549	109

### 💧 Water heat - PA4200 WLL, coil for very low temperature water ( $\leq 60$ °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]
PA4210WLL	10,1	1150/2500	15/12	2,5	46/63,5	830	230V~	3,6	1039	52
PA4215WLL	15,0	1600/3450	15/13	4,7	46/64	1150	230V~	5,0	1549	70
PA4220WLL	20,6	2320/4950	15/12	7,5	47/64,5	1610	230V~	7,0	2039	95
PA4225WLL	25,8	2820/6000	15/13	9,6	48,5/67	1990	230V~	8,6	2549	115

\*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)  $\Delta t$  = 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.