PA2200C

Stylish air curtain for entrances, with remote and integrated control

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

Ambient, no heat
Electrical heat: 3–16 kW
Water heat

Optimized airflow with Thermozone technology.

Application

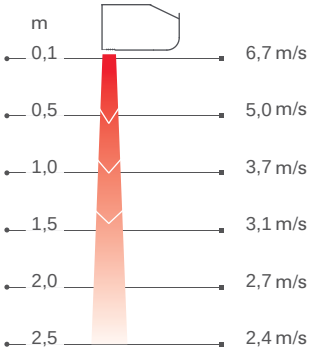
The PA2200C is a compact air curtain, suitable for most small entrances. The air curtain has an integrated control system and can also be remotely controlled which makes it very easy to use.

PA2200C creates a temperature dividing air barrier that effectively prevents cold draughts and gives excellent heating comfort inside the door.

Design

With its timeless design PA2200C is suitable for all entrances. The air curtain has a control panel discretely integrated in the end, which makes cable routing unnecessary. The front can be finished in any colour to perfectly match the environment.

Air velocity profile



Measurements according to ISO 27327-1.
Average values for products in the series.

Product specifications

- Remote control and integrated regulation.
- 3 fan steps and 2 electrical heating steps.
- Units with 3 kW are equipped with 1,5 m cable and plug.
- 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.

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Technical specifications

Ambient, no heat - PA2200C A

Type	Output [kW]	Airflow*1 [m³/h]	Sound level*2 [dB(A)]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
PA2210CA	0	900/1200	42/51	230V~	0,45	1050	16
PA2215CA	0	1150/1800	40/52	230V~	0,5	1560	24
PA2220CA	0	1800/2400	43/53	230V~	0,9	2050	32

Electrical heat - PA2200C E

Type	Output steps [kW]	Airflow*1 [m³/h]	Δt*3 [°C]	Sound level*2 [dB(A)]	Voltage motor [V]	Amperage motor [A]	Voltage [V] Amperage [A] (heat)	Length [mm]	Weight [kg]
PA2210CE03	2/3	900/1200	10/7,5	42/51	230V~	0,45	230V~/13	1050	17
PA2210CE05	3,3/5	900/1200	17/12,5	42/51	230V~	0,45	400V3~/7,2	1050	17
PA2210CE08	5/8	900/1200	27/20	42/51	230V~	0,45	400V3~/11,5	1050	18
PA2215CE08	4/8	1150/1800	21/13	40/52	230V~	0,5	400V3~/11,5	1560	26
PA2215CE12	8/12	1150/1800	31/20	40/52	230V~	0,5	400V3~/17,3	1560	28
PA2220CE10	5/10	1800/2400	17/12,5	43/53	230V~	0,9	400V3~/14,4	2050	34
PA2220CE16	8/16	1800/2400	27/20	43/53	230V~	0,9	400V3~/23,1	2050	36

Water heat - PA2200C W

Type	Output*4 [kW]	Airflow*1 [m³/h]	Δt*3,4 [°C]	Water volume [l]	Sound level*2 [dB(A)]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
PA2210CW	6,9	700/1200	21/17	0,38	39/52	230V~	0,4	1050	17
PA2215CW	11,1	1000/1750	23/18	0,81	37/53	230V~	0,5	1560	26
PA2220CW	14,4	1400/2400	22/18	0,74	40/53	230V~	0,8	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 80/60 °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.

Controls

Unit with electrical heating
Unit with water heating

- Remote control.
- Integrated control panel on end of unit
  - 3 fan steps, 2 electrical heating steps (electrical), heating on /off (water).
- Manual regulation of the fan.
- Automatic heating control.

Unit without heating

- Remote control.
- Integrated control panel on end of unit
  - 3 fan steps.
- Manual regulation of the fan.