



PA2200C

Stylish air curtain for entrances, with remote and integrated control

Recommended installation height 2,2 m*

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

- 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. Plastic ends. Colour front: white, RAL 9016, NCS S 0500-N. Colour grille, rear section, ends and brackets: grey, RAL 7046.



Optimized airflow with Thermozone technology.

🌬️ Ambient, no heat - PA2200C A (IP21)

Type	Output [kW]	Airflow* ¹ [m ³ /h]	Sound power* ² [dB(A)]	Sound pressure* ³ [dB(A)]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
PA2210CA	0	900/1200	67	42/51	230V~	0,45	1050	16
PA2215CA	0	1150/1800	67	40/52	230V~	0,5	1560	24
PA2220CA	0	1800/2400	68	43/53	230V~	0,9	2050	32

⚡ Electrical heat - PA2200C E (IP20)

Type	Output steps [kW]	Airflow* ¹ [m ³ /h]	Δt* ⁴ [°C]	Sound power* ² [dB(A)]	Sound pressure* ³ [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	67	42/51	230V~	0,45	230V~/13	1050	17
PA2210CE05	3,3/5	900/1200	17/12,5	67	42/51	230V~	0,45	400V3~/7,2	1050	17
PA2210CE08	5/8	900/1200	27/20	67	42/51	230V~	0,45	400V3~/11,5	1050	18
PA2215CE08	4/8	1150/1800	21/13	67	40/52	230V~	0,5	400V3~/11,5	1560	26
PA2215CE12	8/12	1150/1800	31/20	67	40/52	230V~	0,5	400V3~/17,3	1560	28
PA2220CE10	5/10	1800/2400	17/12,5	69	43/53	230V~	0,9	400V3~/14,4	2050	34
PA2220CE16	10/16	1800/2400	27/20	69	43/53	230V~	0,9	400V3~/23,1	2050	36

💧 Water heat - PA2200C W (IP21)

Type	Output* ⁵ [kW]	Airflow* ¹ [m ³ /h]	Δt* ^{4,5} [°C]	Water volume [l]	Sound power* ² [dB(A)]	Sound pressure* ³ [dB(A)]	Voltage motor [V]	Amperage motor [A]	Length [mm]	Weight [kg]
PA2210CW	7	700/1200	21/17	0,38	67	39/52	230V~	0,4	1050	17
PA2215CW	11	1000/1750	23/18	0,81	68	37/53	230V~	0,5	1560	26
PA2220CW	14	1400/2400	22/18	0,74	68	40/53	230V~	0,8	2050	35

*¹) Lowest/highest airflow of totally 3 fan steps.

*²) Sound power (L_{WA}) measurements according to ISO 27327-2: 2014, Installation type E.

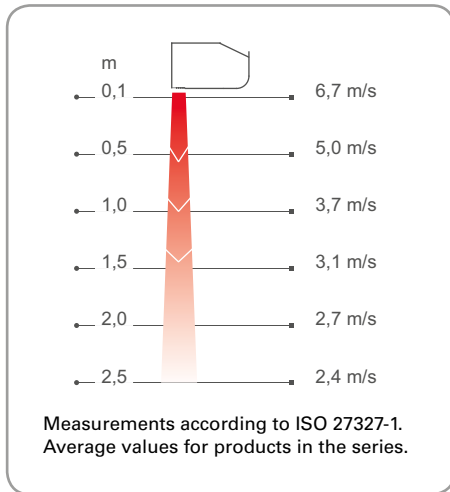
*³) Sound pressure (L_{pA}). Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m². At lowest/highest airflow.

*⁴) Δt = temperature rise of passing air at maximum heat output and lowest/highest airflow.

*⁵) Applicable at water temperature 80/60 °C, air temperature, in +18 °C.

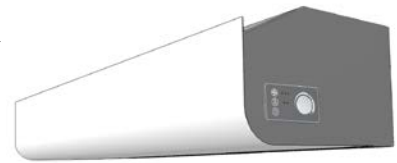
*) Recommended installation height varies depending on the relevant premises.

Air velocity profile



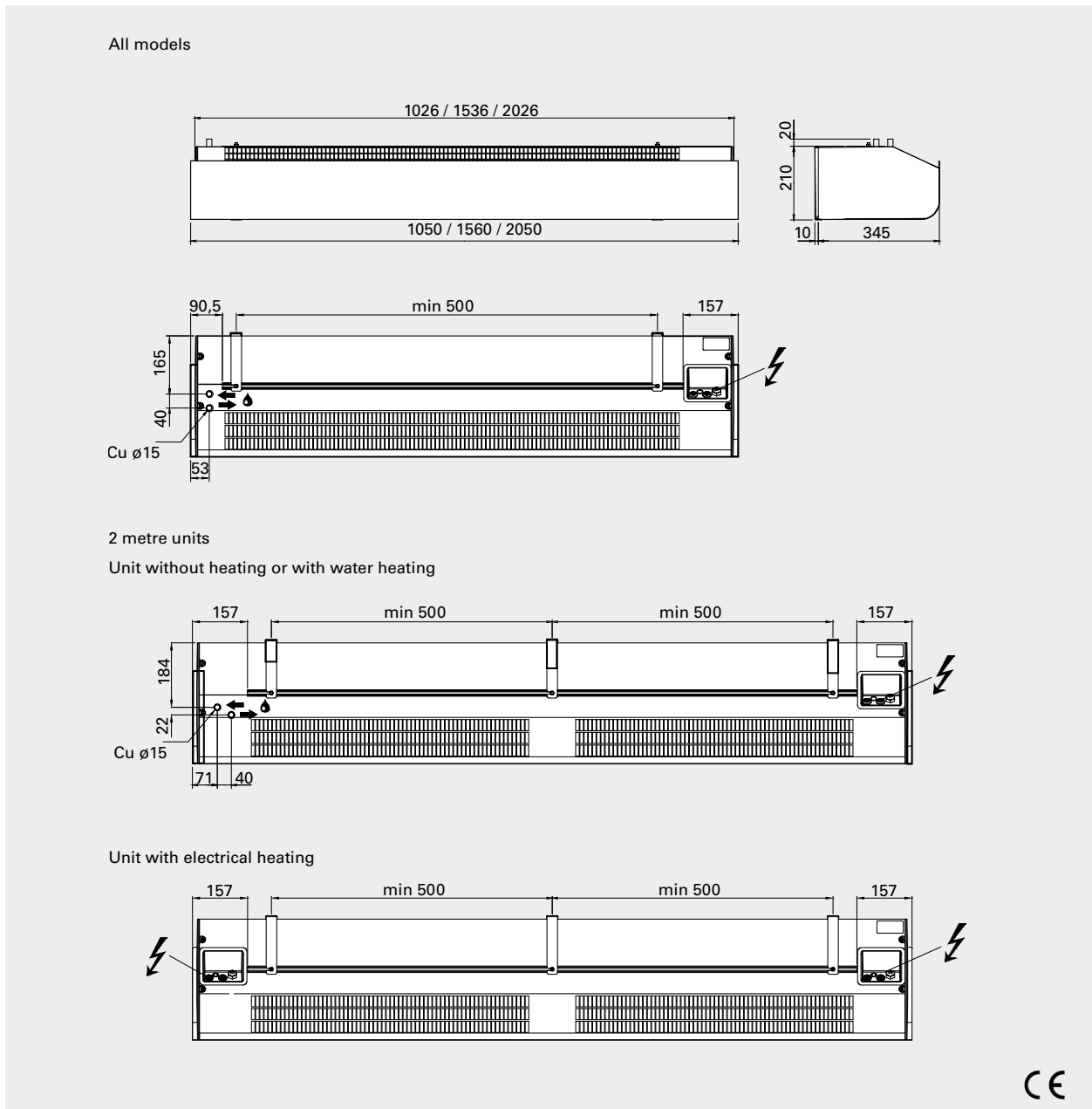
Control

The control system is integrated in the air curtain. The air curtain has a control panel discretely integrated in the gable end and can be controlled by a separate remote control. The air speed is set manually. The heat is controlled automatically.



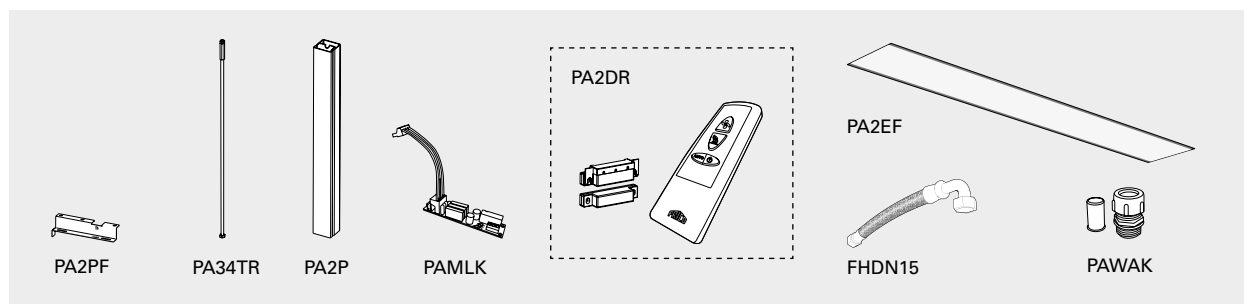
Door switch control PA2DR is available as an accessory for a door switch function. Possibility of using external on/off.

Dimensions



PA2200C

Controls and accessories



PA2PF, ceiling mounting brackets
Mountings for installing the unit in the ceiling using hanging brackets or threaded bars (not included).

PA34TR, threaded bars
Threaded bars for installing unit on to a ceiling. Length 1 m. Used together with ceiling mounting brackets PA2PF/PA3PF.

PA2P, hanging brackets
Hanging brackets for installing the unit suspended from the ceiling. Length 1 m. The hanging brackets are covered by a white plastic trim to cover the cables. The brackets may be cut to shorter length, if required. Used together with ceiling mounting brackets PA2PF/PA3PF.

PAMLK, motor alarm board
Accessory allows connection for a motor alarm signal in units where this facility is not already available. PAMLK plugs between motor wiring harness and main PC board. For units with SIRE control (PA2500, AR3200) connection enables use of the provided motor protection terminals. For units without SIRE (PA2200/3200C, AR3200C), use potential free contact on PAMLK board.

PA2DR, door switch control
Contains a door switch for door indication and a special remote control intended to activate auto mode in the unit.

Unit with water heating

PA2EF, external intake filter
Fine mesh filter that prevents ingress of dirt and deposits to water heated units. The filter is easy to attach and remove thanks to the integrated magnetic strips. Makes maintenance easier since the unit does not need to be opened.

PAWAK, water connection kit
Kit with pipe connections with compression fitting on one end and outside thread (1/2" DN15) on the other to facilitate the connection of the plain copper pipes at the water coil.

FHDN15, flexible hoses
Flexible hoses for easy and practical installation of water heated unit. Used together with water connection kit PAWAK or similar. DN15.

Valve kit VOT or VLSP is used to control the water flow. For more information see the "Controls" section.

Type	Description	Quantity included	Length
PA2PF15	Ceiling mounting brackets for 1 and 1,5 metre units	4	
PA2PF20	Ceiling mounting brackets for 2 metre units	6	
PA34TR15	Threaded bars for 1 and 1,5 metre units	4	1 m
PA34TR20	Threaded bars for 2 metre units	6	1 m
PA2P15	Hanging brackets for 1 and 1,5 metre units	2	1 m
PA2P20	Hanging brackets for 2 metre units	3	1 m
PAMLK	Motor alarm board	1	
PA2DR	Door switch control		
PA2EF10	External intake filter for 1 metre water heated units	1	
PA2EF15	External intake filter for 1,5 metre water heated units	1	
PA2EF20	External intake filter for 2 metre water heated units	1	
PAWAK	Water connection kit		
FHDN15	Flexible hoses DN15, inside thread, 90° bend	2	1 m

For mounting, connection, wiring diagrams and other technical information, please see the manual.