

PA220CA Air curtain

Ambient, no heat, L=2m

Item number: 8659



Stylish air curtain for entrances, with remote and integrated control

- Recommended installation height 2,2 m*
- Horizontal mounting

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.

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



Technical parameters

Installation	
Type of installation	Horizontal
Maximum installation height	2,200 mm
Nominal data	
Color casing	Traffic white
Color casing, RAL	RAL 9016
Color, outlet grilles	Telegrey 2
Color outlet grilles, RAL	RAL 7046
Enclosure class	IP21
Ambient working temperature (dry conditions)	-20 to 30 °C
Dimensions and weights	
Length	2,050 mm
Height	210 mm
Depth	345 mm
Weight	32 kg

Air flow

Air flow	2400; 2000; 1800	m³/h
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Sound data

Sound level	53; 48; 43	dB(A)
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Sound power level LWA	68	dB(A)
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Motor/control supply

Control/motor supply	230	V
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Phases, motor	1~	
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Control/motor current	0.9	A
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Input power (P1), motor	200	W
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Maximum fan impeller speed	1,360	rpm
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Energy class label

Energy class, Local demand

Heating	Ambient, no heat
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Accessories

- PA2DR Remote + door contact (15662)
- PA2PF20 Pendulum brackets (19417)
- PAMLK PC board alarm (18690)
- PA2P20 Pendulum bar (19569)
- PA34TR20 Threaded bars (18057)

Documents

- Catalogue pages PA2200C
- Manual PA2200C
- Declaration of Conformity PA2200C
- UKCA Declaration PA2200C
- WIRING DIAGRAM PA2200C.PDF

Specification

Thermozone Air Curtain - PA2200A

Innovative new generation type of air curtains, designed for horizontal mounting with air circulation in neutral, compact design with integrated control system.

Housing

The self-supporting compact unit construction is made of galvanized sheet steel. The housing and galvanized sheet metal are Zink plated (Z275) with a thickness of 35 µm. Visible surfaces with high-quality plastic powder coated (polyester powder coating, 60 µm) in a subtle gray and white combination of both RAL9016 and RAL7046. A dominant and timeless design and easy removable front access panel. With the included wall brackets, the air curtain is simple and easy to mount on the wall. For suspended mounting there are several accessories available.

Fans

Vibration-free, three -stage variable tangential fans for extremely quiet operation, IP 21, with integrated motor protection and thermal contacts with class B insulation. The newly developed sound-absorbing lined air outlet pressure chamber provides the internal air flow for reduced emissions of the engine noise and the formation of a highly effective flow profile.

Inlet grille

Integrated and located on top of the unit, not visible from below for hiding dust; guarantees a quiet slipstream.

Outlet grille

The streamlined grey powder coated outlet nozzle rod profiles, are lockable between 0 ° and 30 ° (in and out) and creates and provides a guided, aerodynamic air flow and high shielding effectiveness; Thermozone Technology.

Electrical connection

The main control connection is mounted and located on the top of the device and easily accessible to its integrated control system and designed according to ISO 9001:2000.

Control system

The provided control system is an intelligent and adaptive control system, allowing and operating the installed air curtain with three different fan speed for being as energy efficient as possible yet providing the best and most efficient air curtain effect. The air curtain can with the integrated control system also be connected to a BMS system. The control system can be adjusted on the panel on the left side of the unit or using the included remote control.

Certification

The air curtain complies to EN and ISO standards valid for air curtains and tested and approved according ISO standards (ISO 27327-1), EN standards (EN 308; EN 12238; EN 60335) and AMCA standards (AMCA 210; AMCA 220-5; AMCA 300).