

PA1508



Air curtain for small openings

PA1508 is primarily intended for small openings such as kiosk and service hatches and cashier benches where a long, narrow air flow is required. This creates a temperature separating air barrier that prevents cold air from pushing in and hot air from flowing out. PA1508 also gives additional heat and in this way also improves the working environment. The air curtain has a built-in thermostat for heat and switch to set the fan and heating steps.

Compact and easily positioned

With its compact construction and timeless design the unit is easy to place in small openings. The intuitive controls are easily accessible, placed on the gable end. The front can be finished in any colour to perfectly match the environment.

Great energy savings

Working behind a service hatch is often associated with cold draughts and poor air quality due to exhaust fumes. PA1508 provides an excellent remedy for these problems. With correctly installed air curtains great energy savings can be obtained.

High performance

Frico air curtains are developed and manufactured in Sweden. The air curtains are tested in one of the most modern and advanced air and sound laboratories in Europe which means that we can guarantee a high performance product.

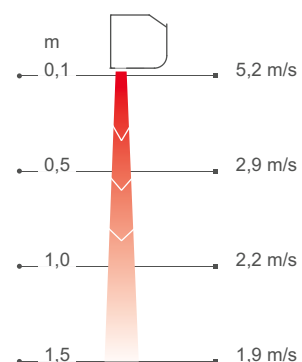
PA1508



⚡ Electrical heating

The air curtain has a built-in thermostat for heat and switch to set the fan and heating steps.

Air velocity profile



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

⚡ Electrical heat - PA1508 (IP20)

Voltage motor: 230V~

Item number	Type	Output [kW]	Airflow [m ³ /h]	Δt* ¹ [°C]	Sound power* ² [dB(A)]	Sound pressure* ³ [dB(A)]	Amperage (heat) [A]	Length [mm]	Weight [kg]
3791	PA1508E02	1/2	270/400	22/15	66	39/50	8,7	790	7,5
3792	PA1508E03	2/3	270/400	34/23	66	39/50	13,0	790	7,5
3793	PA1508E05	3/4,5	270/400	51/34	66	39/50	19,6	790	7,5

*¹) Δt = temperature rise of passing air at maximum heat output and lowest/highest airflow.

*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.



Manufactured in Sweden with a corrosion proof housing made of hot zinc-plate and powder coated steel panels. Plastic ends. Colour front: white, RAL 9016. Colour grille, rear section, ends and brackets: grey, RAL 7046.

Mounting

Mounting

The air curtain is installed horizontally with the supply air grille facing downwards as close to the opening as possible. Bracket is supplied for wall or ceiling mounting. The unit can be tilted for optimum output. Minimum distance from outlet to floor is 1800 mm.

Connection

Units with 2-3 kW are supplied with a 1,8 m cable and plug. Units with 4,5 kW are supplied with a 1,3 m cable without plug. The socket for PA1508E03 must be fused for 16 A.

The PA1508E05 must be permanently connected to a fused mains supply using a cable of a minimum 4 mm² section.

