



Air curtain for air conditioned premises

ADA is suitable to use, for example, to keep the cold air inside air conditioned premises. The air curtain creates an air barrier that prevents the intrusion of warm air and also insects, exhaust fumes, smoke, dust, etc. The cost of air conditioning will be substantially lower when the loss of conditioned air is reduced.

Leading technology and design

Frico collaborates with leading architects and product designs in the product development. The air curtains blends in well in the environment and the designed for fit into both exclusive shop interiors as industrial environments.



Compact and easily positioned



Thanks to compact design and air intake at the front, the air curtain can be mounted where space is limited between the ceiling and the upper edge of the doorway.

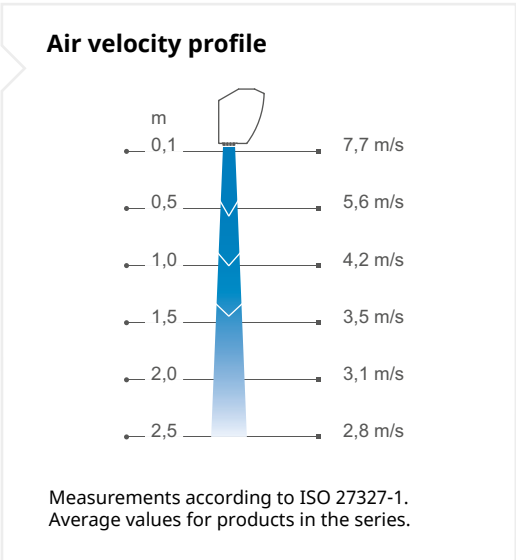
High performance

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.

ADA



-  Ambient (without heat)
-  Recommended installation height for entrances: 2,5 m



Frico air curtains create an invisible barrier at openings and doors which separates different temperature zones without limiting access for people and vehicles. Thermozone technology creates a highly uniform air barrier with a perfect balance between air volume and air velocity, regardless of whether it is the heat or the cold that you want to keep inside.



Great energy savings

In many premises doors remain open for a significant part of the day, this results in huge losses of expensively heated or cooled air, especially when the temperature difference between outdoor and indoor air is great. With correctly installed air curtains great energy savings can be obtained.

Comfortable indoor climate

Air curtains with Thermozone technology have optimized performance to provide a comfortable indoor climate free from drafts. The air curtain also keeps out emissions and insects.

Low sound level

With Thermozone technology Frico manufactures air curtains with very high airflow performance. This does not just make the air curtain more effective, but also has other advantages such as extremely low sound levels and reduced turbulence.

Technical specifications

🌀 Ambient, no heat - ADA (IP21)

Voltage motor: 230V~

Item number	Type	Output [kW]	Airflow [m ³ /h]	Sound power* ¹ [dB(A)]	Sound pressure* ² [dB(A)]	Amperage motor [A]	Length [mm]	Weight [kg]
5984	ADA090H	0	800/1150	70	43/54	0,50	900	9,5
5985	ADA120H	0	1100/1400	67	44/51	0,55	1200	11,7

*¹) Sound power (L_{WA}) measurements according to ISO 27327-2: 2014, Installation type E.

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

Approved for 220V/1ph/60Hz. Product performance for 220V/1ph/60Hz will differ from stated data.

Manufactured in Sweden with a corrosion proof housing made of hot zinc-plate and powder coated steel panels. Colour front: white, RAL 9016, NCS S 0500-N.



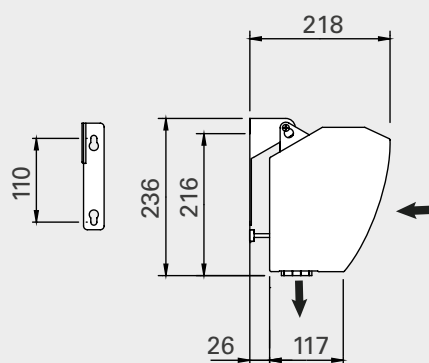
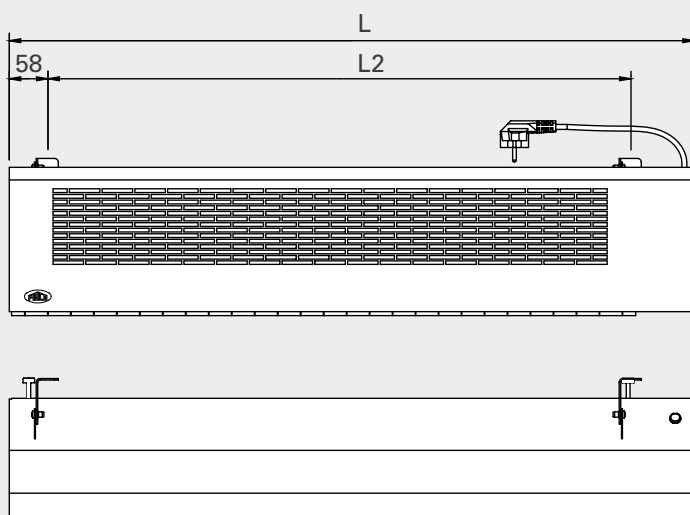


Mounting

The air curtain is installed horizontally with the outlet air grille facing downwards as close to the door as possible. Wall brackets included. Recommended installation height for entrances: 2,5 m. The unit can be tilted for optimum output. For the protection of wider doorways, several units can be mounted in series alongside each other.

Connection

The unit is fitted with a 1.8 m cable and plug on delivery.



	L [mm]	L2 [mm]
ADA090H	900	747
ADA120H	1200	1047

Recommended installation height varies depending on the relevant premises. See www.frico.net for further information.

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