Electrical heat 2–4.5 kW

Length: 0,8 metre

Thermozone® AD 100

Air curtains for small openings

AD100 is the smallest air curtain in the Frico AD range, designed primarily for small openings such as kiosk and service windows where a narrow warm air stream is required. The stream of air separates different temperature zones preventing cold air intrusion and loss of conditioned air.

Thermozone AD100 provides additional heat, thereby improving the working environment. They can also be used as ”door heaters” to increase indoor comfort. For entry doors, we recommend any of the larger air curtains in the Thermozone series.

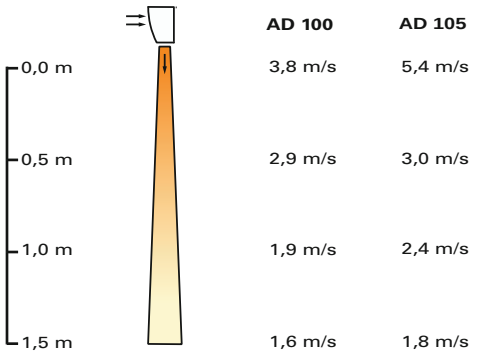
With AD100 a hygienic environment can be maintained by keeping out fumes, dust and small insects.

AD100 units can be mounted on the wall above a door or a window, they can also be mounted in false ceilings.

The AD100 can be powered from a standard electrical socket, with the cable and plug that are prefitted, and the airflow can be regulated in two stages. The motor has high quality ball bearings for a long life.

- Low sound level.
- Corrosion proof housing made of hot zinc-plate and powder enamelled steel panels. Colour: RAL 9016.
- Compact design requires minimum headroom.
- Integral switching for heat and air flow (AD102/103). AD105 heat only.
- Easy connection with cable and plug (AD102/103). AD105 supplied without cable and plug.
- Resetable overheat protection and built-in thermostat 5–35 °C.

Air velocity profile



Design and specifications are subject to change without notice.

Technical specifications | Thermozone AD 100 with electrical heat

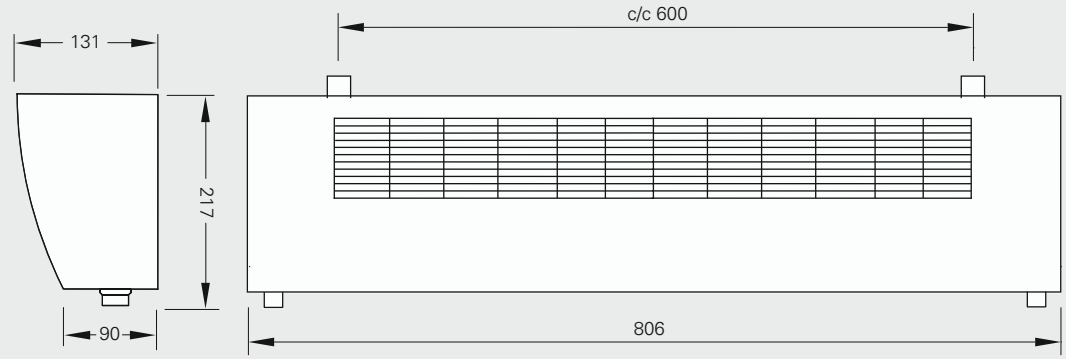
Type	Output steps [kW]	Airflow [m³/h]	Sound level*¹ [dB(A)]	Δt*² [°C]	Voltage [V]	Amperage [A]	Length [mm]	Weight [kg]
AD102	0/1/2	200/400	36/48	30/15	230V~	8,7	806	9
AD103	0/1,5/3	200/400	36/48	45/23	230V~	13,0	806	9
AD105	0/3/4,5	500	50	27	230V~	19,6	806	10

*¹) Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m².

*²) Δt = temperature rise of passing air at maximum heat output and lowest/highest airflow.

Protection class AD100 with electrical heat: (IP20), normal design.
Approved by SEMKO and CE compliant.

Dimensions



Service hatch, McDonald's, Stockholm, AD100