



ENV-L
Electric fan heaters
for wall mounting

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The ENV-L series of electric fan heaters rated up to 15 kW are designed for permanent heating of warehouses, industrial premises, garages, drying rooms, etc.

- Five output variants from 2 kW to 15 kW
- Continuous or intermittent fan operation
- Supplemented wall bracket that allows for vertically and horizontally adjustment of the fan heater.
- Air deflector for adjusting vertically the direction of the outlet air flow.
- Meets the Ecodesign directive 2009/125/EU and EU regulation 2015/1188.
- Delivered with room thermostat

Design

The casing is made of galvanized sheet steel painted white, and the heater elements are made of stainless steel to EN 1.4301. The supplemented wall bracket enables tilting in different directions.

Degree of protection IP44 (splash-proof) and approved for use in humid and wet areas (e.g. drying rooms).

Control

Temperature regulation and switching on/off are performed with the electronic room thermostat MCD4-1999 supplied. The thermostat has a built-in clock and calendar which can be programmed for lowering the temperature, e.g. during nights and weekends. Transition from reduced to normal temperatures can be adapted so that a comfortable temperature is achieved at the desired time (adaptive function).

The above functions are a requirement to meet the Ecodesign directive 2009/125/EU and EU regulation 2015/1188, for locations which are heated for the comfort of people.

MCD4-1999 is supplied with a frame which enables external placement. Protection class IP21.



MCD4-1999

Approvals

The fan heaters are manufactured in accordance with:
 LVD directive: EN 60335-1 och EN 60335-2-30
 EMC directive: EN 61000-6-2 och EN 61000-6-3
 EMF directive: EN 62233



Product range overview

Type		ENV-L 2	ENV-L 3	ENV-L 5	ENV-L 9	ENV-L 15
Power supply	V	230V~	230V~	400V3N~	400V3N~	400V3N~
Current, max	A	8,7	13,0	7,2	13,0	21,7
Output	kW	2	3	5	9	15
Output steps	kW	0-1-2	0-1,5-3,0	0-3,3-5,0	0-6-9	0-7,5-15
Air flow rate	m ³ /h	270	270	390	900	970
Air temp. rise through heater	°C	21	31	36	28	43
Sound pressure level ¹⁾	dB(A)	43	43	47	53	54
Degree of protection		IP44	IP44	IP44	IP44	IP44
Weight	kg	6,5	6,6	7,0	11,0	13,4
Width	mm	232	232	232	307	307
Height	mm	318	318	318	402	402
Depth (incl. wall brackets)	mm	325	325	325	395	395

¹⁾ Measured at a distance of 5 metres in front of the unit.

Installation

ENV-L is mounted horizontally on the wall and can be tilted downwards 10 or 20 degrees.

The wall bracket also enables the fan heater to be mounted 30 degrees sideways in both directions.



Project design/ordering

Descriptive text - ENV-L

VEAB type ENV-L electric fan heater with casing of sheet steel painted white and heater elements of stainless steel EN 1.4301. ENV-L can be tilted downwards 10 or 20 degrees as well as 30 degree lateral/sideways. Degree of protection IP44. Temperature regulation is performed with the electronic room thermostat MCD4-1999 supplied.



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