



# EN

## Portable electric fan heater

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## Electric fan heaters for mobile applications

The EN is a series of electric fan heaters with ratings between 2 kW and 15 kW. The fans are principally used when temporary but effective heating is required, such as on building sites, in warehouses, workshops, garages, winter gardens, summer cottages, etc.

- 5 ratings from 2 kW to 15 kW
- Steplessly adjustable temperature
- Carrier handle
- Separate switches for fan and heater element (EN5- EN15)

### Control

Thermostatic heat control by means of capillary tube thermostat (0°C to + 35°C) that senses the inlet air temperature, which ensures high accuracy.

### Connections

The EN 2 and EN 3 are equipped with a 2-metre long power supply cable with earthed plug.

400 V: The EN 5, EN 9 and EN 15 have a 3-phase socket at the rear of the unit.

230 V: The EN 5, EN 9N and EN 15N have a 2-metre long power supply cable without plug.



### Design

The casing is made of galvanized sheet steel and is painted red.  
Stainless steel tubular elements.  
Heater element of stainless steel EN 1.4541.  
Degree of protection IP X4 (splash-proof), approved for use in humid and wet areas (e.g. building sites).

### Approvals

The fan heaters have been tested and approved by SEMKO in accordance with:  
LVD Directive: EN 60355-1, EN 60335-2-30 and EN 50366  
EMC Directive: EN 61000-6-1 and EN 61000-6-3  
EMF Directive: EN 50366



# Product range

## Technical data

|                           |                   | EN 2   | EN 3   | EN 5      | EN 5     | EN 5     | EN 9      | EN 9      | EN 9N    | EN 15     | EN 15N    |
|---------------------------|-------------------|--------|--------|-----------|----------|----------|-----------|-----------|----------|-----------|-----------|
| Power supply              | V                 | 230 V~ | 230 V~ | 400 V 3N~ | 230 V~   | 230 V 3~ | 400 V 3N~ | 400 V 3N~ | 230 V 3~ | 400 V 3N~ | 230 V 3~  |
| Output steps              | kW                | 0-2    | 0-3    | 0-3, 3-5  | 0-3, 3-5 | 0-3, 3-5 | 0-3, 3-5  | 0-6-9     | 0-6-9    | 0-7, 5-15 | 0-7, 5-15 |
| Output                    | kW                | 2      | 3      | 5         | 5        | 5        | 5         | 9         | 9        | 15        | 15        |
| Current                   | A                 | 8,9    | 13,2   | 7,4       | 21,9     | 12,8     | 7,4       | 13,2      | 23,0     | 21,8      | 38,1      |
| Sound level <sup>1)</sup> | dBA               | 43     | 43     | 47        | 47       | 47       | 47        | 53        | 53       | 54        | 54        |
| Air flow rate             | m <sup>3</sup> /h | 190    | 270    | 390       | 390      | 390      | 390       | 900       | 900      | 970       | 970       |
| Degree of protection      |                   | IP X4  | IP X4  | IP X4     | IP X4    | IP X4    | IP X4     | IP X4     | IP X4    | IP X4     | IP X4     |
| Weight                    | kg                | 4,7    | 4,9    | 6,0       | 6,0      | 6,0      | 5,6       | 8,9       | 9,7      | 12,7      | 14,0      |
| Temperature rise          | °C                | 29     | 31     | 36        | 36       | 36       | 36        | 28        | 28       | 43        | 43        |
| Width                     | mm                | 265    | 265    | 265       | 265      | 265      | 265       | 345       | 345      | 345       | 345       |
| Height                    | mm                | 320    | 320    | 335       | 335      | 335      | 335       | 425       | 425      | 440       | 440       |
| Depth (incl. legs)        | mm                | 330    | 330    | 330       | 330      | 330      | 330       | 435       | 435      | 435       | 435       |

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





VEAB Heat Tech AB • Phone: + 46 451 485 00 • Fax: + 46 451 410 80  
[www.veab.com](http://www.veab.com) • [veab@veab.com](mailto:veab@veab.com)