

ROBUST - H



Safety instructions for all models

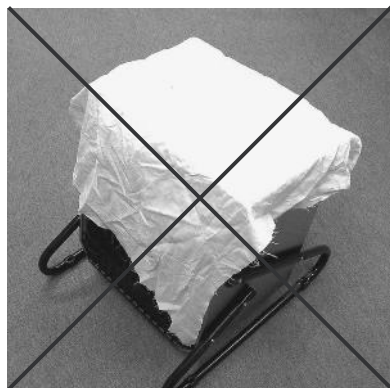
If the fan heater is incorrectly installed and/or used, it may give rise to danger.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

Caution!

- Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- Incorrect installation may cause personal injury.
- Do not use this fan heater in the immediate vicinity of a shower, bathtub or swimming pool.
- The fan heater must not be covered, since this may cause overheating and involve the risk of fire (see also Figure A).
- The fan heater must not be located immediately below or in front of a power socket.
- The plug/CEE connector must be readily accessible.
- Place the fan heater so that any combustible material in the vicinity will not be ignited.
- When work is done on the fan heater or when electrical work is done, the power supply to the fan heater must always be isolated.
- Work on the heater, such as removing the cover, etc., may be done only by authorized personnel.
- If the power supply cable of the fan heater is damaged, it may be changed only by authorized personnel.
- When the cover is being fitted, tighten the screws 2 ½ turns after the screw gasket has been nipped, in order to maintain the IP classification of the fan heater.



A

Important!

When using heater as a portable, the brackets on the heater should be swung out of the way and the bracket holder removed as per instructions on page 7.

Technical specification of the Robust H

Robust model	Total power (W)	Heat output (W)	Motor rating (W)	Control steps (kW)	Voltage	Current (A)	Air flow rate (m³/h)	Air temp. rise. (°C)	Weight (kg)
H6N	6070	6000	70	0-3-6	230V3~	7,8/15,4	1000	24	19
H6	6080	6000	80	0-3-6	400V3N~	4,5/8,9	1000	24	19
H9	9080	9000	80	0-4,5-9	400V3N~	6,7/13,2	1000	25	19

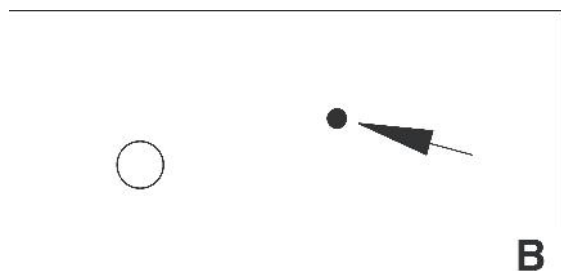
ROBUST - H

Application

The fan heater is approved for use at high ambient temperatures, e.g. in test areas for electronic equipment, etc. It is portable but can also be permanently installed. If permanently installed, an isolating switch with a contact gap of at least 3 mm must be provided. The fan heater must be easily accessible for cleaning and service. If the fan heater is in a portable application, the necessary CEE connector with the appropriate degree of protection must be fitted to the cable. The fan heater has been subjected to electrical safety testing and is EMC tested by SEMKO. The fan heater is CE marked. Degree of protection: IP44.

Overheating

The fan heater is equipped with overheating protection with manual reset, which prevents abnormal temperature rise. In the event of overheating, proceed as follows:



- Isolate the power supply.
- Find out why the overheating protection has tripped.
- When the fault has been corrected, reset the overheating protection (also see Figure B).
- Begin by restarting the fan heater in the fan-only position and check that the fan motor operates normally.

Accessories

- RTH control unit with 0-70°C thermostat for remote control, e.g. if the fan heater is installed high up on a wall (see the wiring diagram on the cover).

Operation

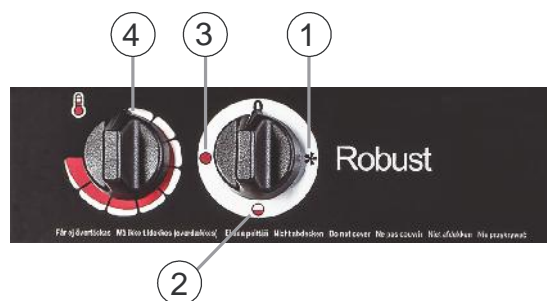
Set the selector switch to the required output or set it to fan-only operation. Set the required room temperature on the thermostat that controls the preset heat output. The fan runs continuously.

Selector switch

1. Fan only
2. Fan + 1/2 output
3. Fan + 1/1 output

Thermostat, 0-70°

4. Thermostat



Service/Maintenance

Clean the fan heater at regular intervals, since dust and dirt could cause overheating and involve the risk of fire.

The following is supplied with the fan heater

- 1 - installation instructions
- 1 - rail for wall mounting of the fan heater
- 2 - floor/wall brackets

Troubleshooting!

FAULT: The heater does not work.

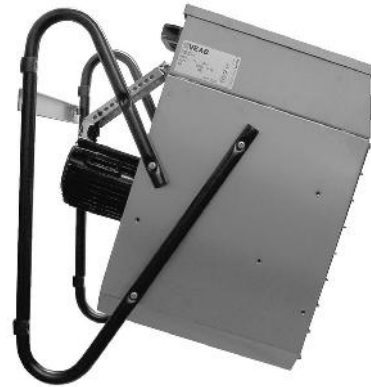
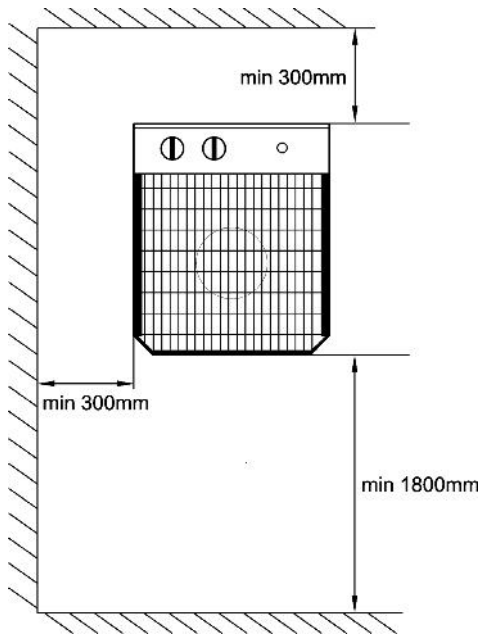
ACTION:

- A - Make sure there are no foreign objects behind the fan grille, interfering with the rotation of the fan blade.
- B - Make sure that the switch on the front is set to the fan + heat position, and that the thermostat knob is at the maximum setting.
- C - Should the overheating protection trip, reset it by pushing the red button at the back of the junction box.
- D - Make sure that the connection cable is connected to a power source.
- E - Make sure that the junction box or electric plug connection cable has not been damaged.
- F - Make sure that the fuses in the distribution box have not tripped and that any ground fault interrupt device is in the on position.

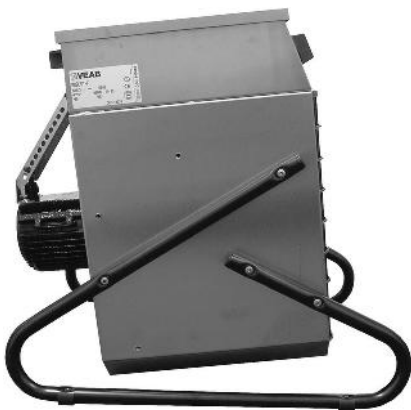
ROBUST - H

Dimensions and installation

Permanently installed fan heater



Portable fan heater



Permanent installation

If the fan heater is permanently installed it must be mounted at least 1800 mm above the floor.

The rail supplied should be secured to the wall by means of screws. Then hook the fan heater to the rail and secure it with screws at the bottom edge. Check that the fan heater is firmly secured. If the fan heater is permanently installed, an isolating switch with a contact gap of at least 3 mm must be provided. Check the rating plate of the fan heater and the wiring diagram on the cover to ensure that the installation has been correctly made. The installation work should be done by authorized personnel and in accordance with the relevant instructions.