

LOR

- Compact design
- Easy to lift, move and operate
- Protection grill for safe operation
- Efficient energy saving heating elements
- Three positions switch with two different outputs available (1000-2000 W)
- Built-in thermostat

LOR

Portable electrical PTC heater



LOR is a compact and light weight electrical PTC heater, suitable for spot heating in small areas. It can be used in domestic, commercial or industrial premises, such as workplaces, offices, work desks, etc.

Operational principle

The PTC (Positive Temperature Coefficient) technology allows a safe and efficient operation of the heating elements at a constant temperature, regardless of the environmental conditions.

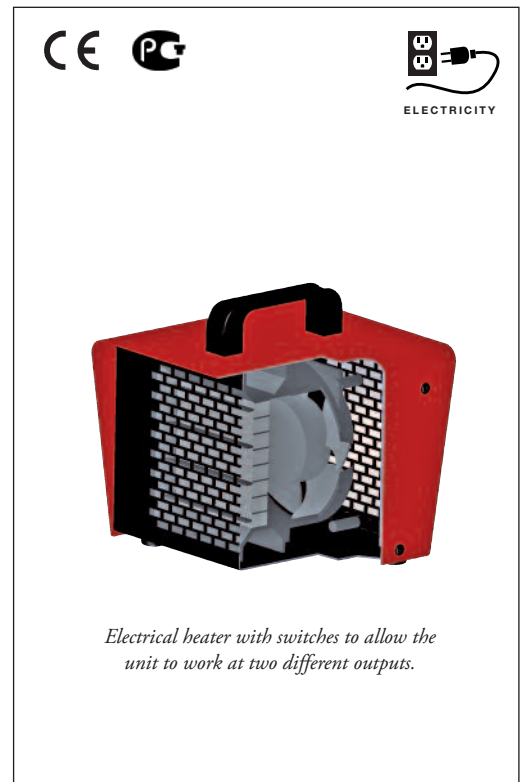
Unlike traditional heating elements that use a resistance wire, such as Nichrome, to generate heat, PTC heating elements are made just as ceramic stones, based on barium titanate. These manufactured ceramic stones have a very unique characteristic being used as semiconductors.

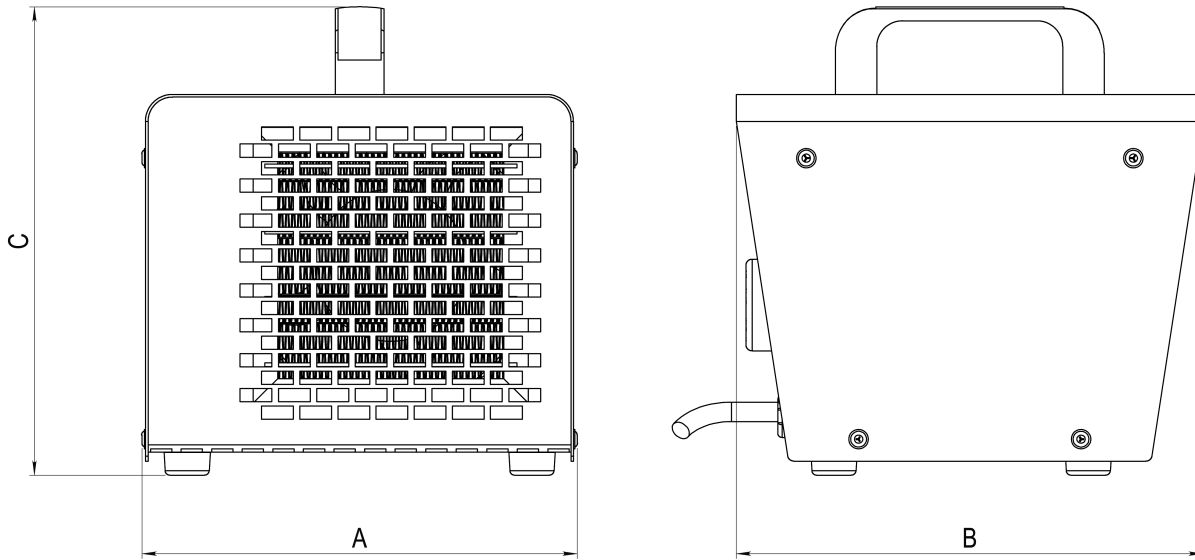
When the LOR heater is switched on and voltage is placed across a PTC, current will flow and heating starts. Initially, the resistance drops, allowing more current to flow and start heating faster. Once the heater starts to raise the temperature, PTC elements self limit their heating power.

LOR heater can therefore be an effective and low cost solution providing an efficient heating source in a very small package with a low operational cost due to the constant electrical power variation, from minimum to maximum, based on the temperature required.

Design

Two power steps (1000-2000 W) are available to get exactly the required heating effect and save energy. The heater casing is made of epoxy painted metal panels; heating elements are protected by a metal guard in order to prevent accidents. LOR has a built-in room thermostat acting in the interval of PTC heater temperature self-limits, as described above. The heat produced by LOR is 100% free of flames and CO or CO₂ emissions.





Dimensions

	A		B		C		Weight	
	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[kg]	[lb]
LOR 2 FE	178	7	191	7.5	191	7.5	2	4.4

Technical specifications

Model	LOR 2 FE	
Thermal power	[kW]	1 / 2
Voltage / Current	230V- / 10.5A	

Order information

LOR-X-X e.g., LOR-2-E

Code for specifying size in kW.
2

Code for specifying voltage.
E 230V- / 10.5A

LOR is a product of Munters Italy S.p.A.



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