

Heater Lamps Line Voltage Halogen Lamps



Evolving from the halogen lamp technology, a vast variety of infrared heating lamps is now available for use in electrical appliances for consumer and industrial applications.

Working on most popular supply voltages, heater lamps of different wattages can be designed and manufactured to specific requirements. Apart from the traditional linear shape, the quartz glass can be processed to special shapes as required in the applications.

Heater lamps with bare or insulated lead-wires that can withstand high temperatures are available as well as a number of standard contacts for fitting into standard heater lamp sockets.

The halogen heater lamps can be used in any burning position. Lamps with special reflective coating for higher efficiency operation are available on request.

Product benefits –

- Very compact heat source because of small diameter
- Instant heat : full power within seconds after switching on
- High efficiency : more than 90% of energy being transformed into infrared heat
- Heat can be focused by reflectors
- Long life of up to 5000 hours
- Clean heat source with no pollution and no by-products
- Controllable from 0-100%

Product applications –

- Drying of paper, lacquer, paint, printing inks, etc.
- Heat sterilization
- Food heating and warm-keeping
- Plastic softening, melting and thermoforming
- Oxidation processes in semiconductor industry

Prosperity's heater lamps can be custom-made to meet a combination of specific voltage, wattage, length, colour temperature, shape, lead-wire and base requirements.