



**LOW  
ENERGY  
MORE  
HEATING**

# **INDIA'S FIRST**

**CLIMATE CONTROL HEATING SYSTEM**

**NO OXYGEN BURNING | FIRE PROOF**

**NO BURNING INJURIES**

**SAVES ELECTRICITY  
UP TO 80%**



GeM  
Government  
e Marketplace  
OEM





# WHAT IS INFRA-RED RADIANT HEATING SYSTEM ?

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- ★ Infrared (IR) is a type of electromagnetic radiation similar to the rays of the sun. Infrared radiation is felt as heat and is given off by all objects. If our body is warmer than surrounding objects, it gives up more radiant heat than it receives from the surroundings, and we will feel cool or cold. If nearby objects are warmer, such as a heat lamp or space heater, we receive more radiant heat on that side of our body than the body gives off, and we will feel warm on that side.
- ★ Infrared Radiant Heating systems are designed on the same principle and these replicate the warmth received to the human body due to the morning Sun.
- ★ It is a unique system which does not affect the prevailing oxygen level in the habitat as also because of its specific mode of operation, it needs to run only for 5-6 hours in an enclosed and thermally insulated space to maintain an ideal ambient temperature.
- ★ Because of the inherent properties of Infra-Red heating, it also achieves deodorization, sanitization or killing - Microbial / Virus and ensures improvement of the micro-climate of the working space (home, hospital, office premises, tents).
- ★ IRHS does not burn /consume oxygen in the living space; a feature which is specifically significant for regions like Ladakh with low oxygen levels.
- ★ This kind of heating system can be utilized for several applications in agro-sector like maintaining optimum temperature in Green Houses, Poultry farming, Goat/Sheep farming, as a fruit dryer (for apple, apricot etc).
- ★ Several studies have reported that IR can improve the healing of skin wounds, photo-prevention, relieve pain, stiffness, fatigue of rheumatoid arthritis, ankylosing spondylitis, potentiate photodynamic therapy, treat
- ★ The Infra-red Radiant Heating Systems have been successfully tested and audited for their performance at Srinagar, Kargil, Leh as well as Chang La Pass (at a height of 17, 590 feet); The system has been extremely successful on all parameters.  
IRHS has also been evaluated at the MSME Testing Centre, New Delhi; and accreditation has been accorded.
- ★ The system is duly listed on the Govt E-Market portal (GeM portal) and is available to be offered to all government and defense (to include Army as well as Para Military Forces) organizations'/establishments.

**We have already provided our heating solution to Border Roads Organisation at a number of locations at Kargil, Leh and in the North Eastern Region. We have also provided our solution to the PWD department of J&K.**

**Safe & Energy Saving Specialized Heating System**



## Size of heater

mm (520\*1010\*34). – 600 watt / hrs

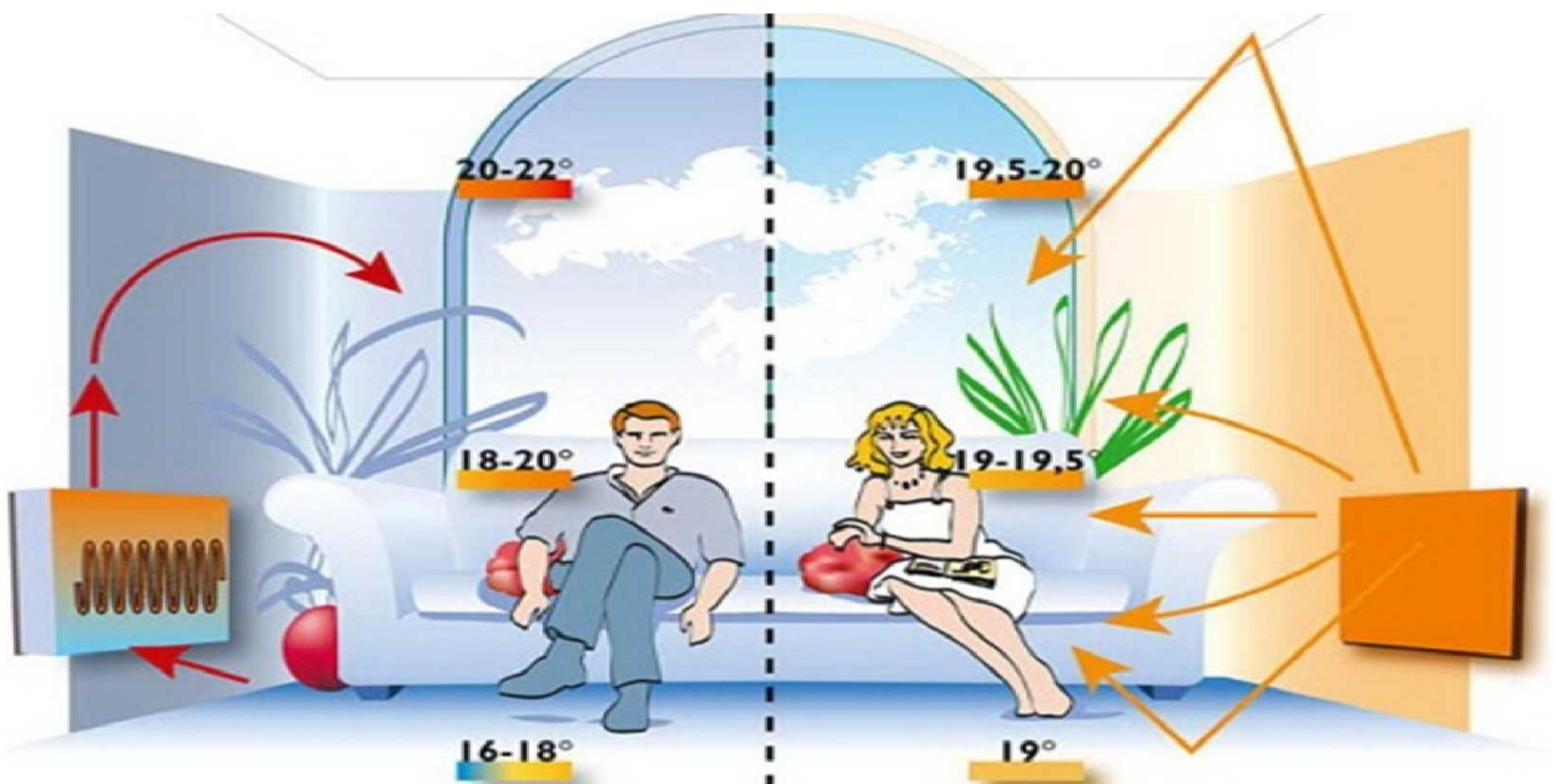
mm (660\*1010\*34). – 700 watt / hrs



Heating Area  
120 – 150 SqF



Heating Area  
120 – 150 SqF



**Other Heaters**

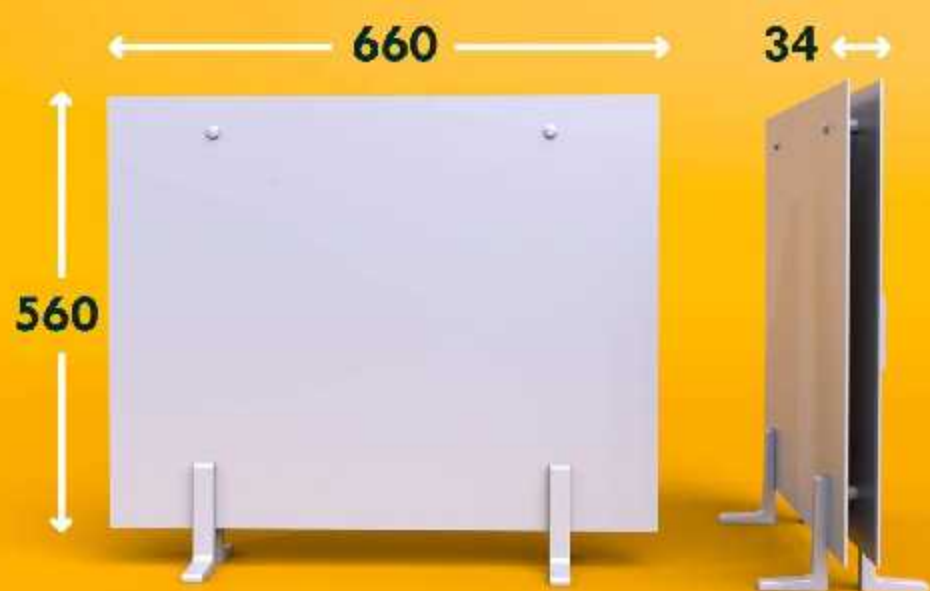
**IRHS Heater**

**Reliable Radiant Heating System**



# RESIDENTIAL | COMMERCIAL CUSTOMIZED APPLICATIONS

## PORTABLE & LIGHTWEIGHT



easy to carry



modern look



ultra-thin design



easy to use

## OPTIMAL HEATING SOURCE

A MUST FOR EVERY MODERN HOME OR OFFICE



## NATURALLY WARMING SENSATION

- ✓ Evenly warms up the room
- ✓ Helps eliminate dampness
- ✓ Does not burn oxygen
- ✓ Helps restore the microclimate



## 2 HEATING METHODS

comfortable and safe for your family through infrared and convection



## ENERGY SAVER



Power:700W



Large heating area



Affordable and saves energy consumption



Eco-friendly



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