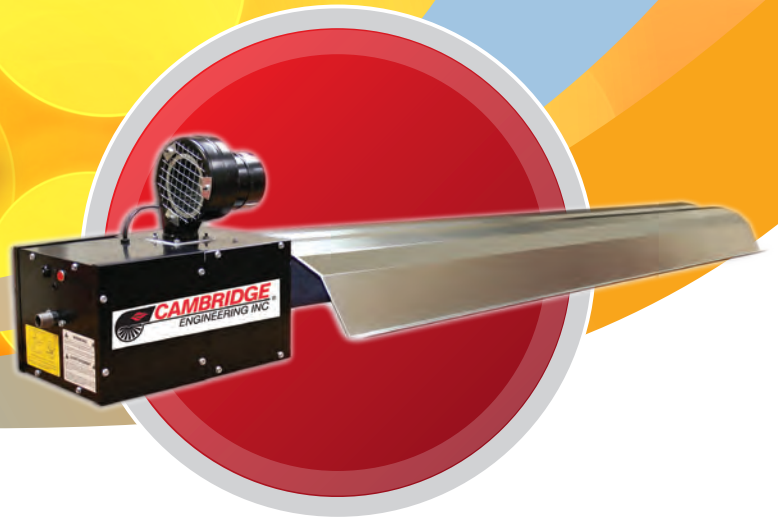


ITH-Series Heater



Benefits at a Glance for:

Building Owners

- A safe, reliable heater

Engineers

- Energy efficient

Contractors

- Lower start-up and maintenance costs

Applications

- Aircraft Hangars
- Loading Docks
- Automobile Service and Repair Facilities
- Fire Stations

Cambridge Engineering Inc. (CEI) products are designed for simple installation, easy maintenance and reliable operation and they are available with certified and pre-engineered factory options and field-installed accessories. We manufacture products that heat both commercial and industrial buildings and facilities.

Infrared Tube Heaters

Infrared heaters are used for spot heating in small occupied areas. Compared to unit heaters, they use less energy to keep people comfortable for the following reasons:

Radiant energy is absorbed and stored in the floor.

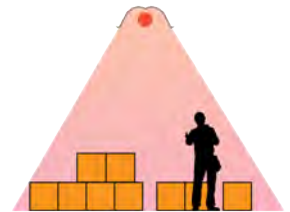
This source of heat provides surge protection from cold drafts.

Reduced Stratification

A well-designed, well-applied infrared heating system reduces wasted energy from air stratification heat losses at the roof.

Lower control temperature = Same comfort

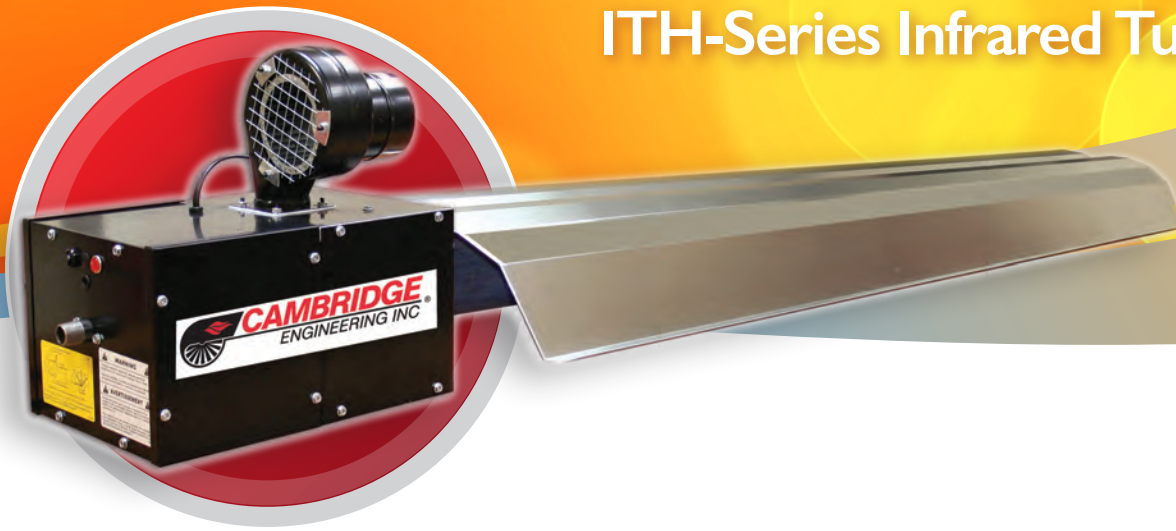
Like standing in the sun on a cold day, people working under infrared heaters absorb radiant energy and stay warm in a building with lower ambient air temperature. This saves energy by allowing you to turn down the thermostat and still be comfortable.



Spot Heating



ITH-Series Infrared Tube Heaters



Installation & Serviceability

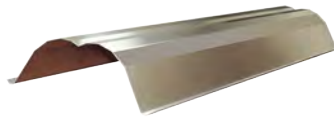
- Ball-bearing-type blower requires no oiling
- Blower not housed in terminal box
- Serviceable while unit is operating
- Air pressure proving switch
- 12" tube couplings with two draw bands
- Controls separated from burner-combustion air stream

Reliable Factory Installed Components

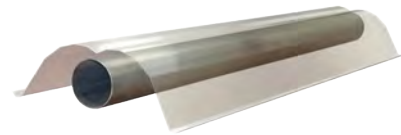
- Direct spark ignition
- Flame sight port
- Operating status light
- Thermal overload blower safety switch
- Integral post purge feature
- Center supports for each 10' reflector section
- Seamlessly welded heavy gauge hot-rolled steel tube
- High performance, high efficiency burner
- Efficient 10-sided parabolic reflector
- High-reflectivity, mill-finished aluminum reflector with end caps for added efficiency
- Heat treated aluminized combustion tube (first 10')
- High emissivity radiant tube



Burner / Blower / Controls



Reflector



Radiant Tube Emitter



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