



Lower Line Heater Operating Costs - Reduce Environmental Impact

Bruest HotCat is the advanced catalytic infrared alternative to glycol/water line heaters for heating pipelines and protecting regulators. Engineered to deliver maximum efficiency through direct flameless infrared heating, the safe and noiseless HotCat is emerging as the preferred freeze protection system in upstream, midstream and downstream applications.

HotCat consists of multiple catalytic infrared heating zones that apply a precise level of heat directly to the custom-engineered heat exchanger. The exchanger is built to ASME Boiler and Pressure Vessel Code; Section VIII, Division 1 and carries a Canadian Registration Number (CRN).

Proven by Industry Leaders

HotCat line heaters are in service with some of North America's largest distribution and transmission companies, power plants, co-gen facilities and natural gas producers.

Benefits

- Lowest operating costs – operates efficiently on natural gas, propane or butane
- Highest reliability – engineered for long service life with few moving parts
- Maximum operational efficiency – best possible transfer of heat energy to gas
- No glycol, no flame, no noise – the environmentally favoured pipeline heater
- Can be installed close to critical equipment, in Class 1, Division 1 or 2, Group D areas

Applications

- Natural gas wellsites
- Gas gathering system pipelines
- Critical fuel gas lines supplying compressors and other equipment
- City and town border stations – regulating, metering and odorizing stations
- In-line heat of gas and liquids in the process industries

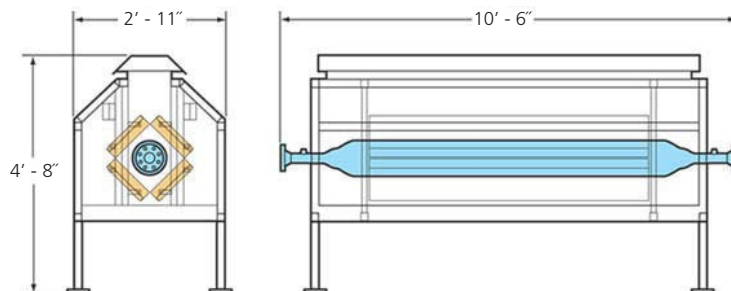
Backed by the Industry's Best Warranty

On the skid-mounted HotCat, everything is protected for a full year. The heating panels are covered by a comprehensive two-year warranty

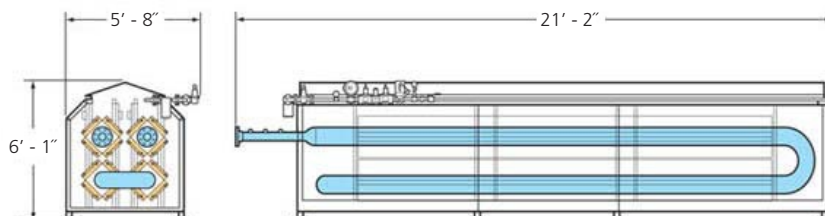
Fully Automatic Line Heaters in Model Sizes 300,000 to 3,000,000 BTU/Hr.

The fully automatic Hotcat heater is controlled by Programmable Logic Controller (PLC) which monitors gas temperature and modulates fuel supply to hold set temperature during load changes. Heating zones are added or deleted by the PLC to match large load changes. The system may be configured for local control or remote control from a central command centre.

150,000 BTU/Hr.

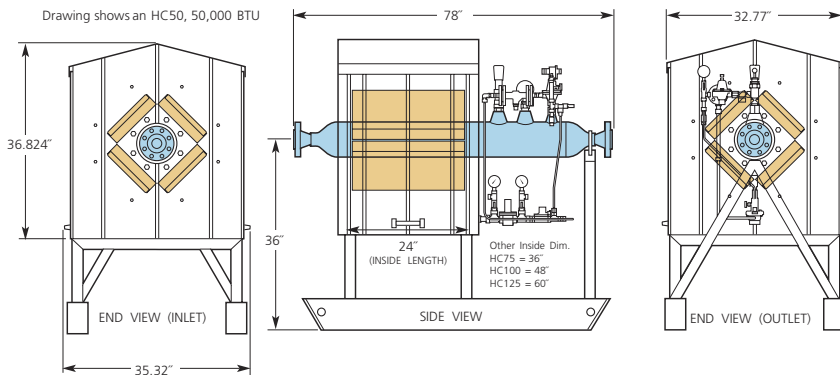


2 Million BTU/Hr.



Manual Line Heaters in Model Sizes 50,000 to 300,000 BTU/Hr.

This line of space-saving HotCat models may be installed at locations with or without available commercial power. Precise gas temperature is maintained by automatic controls. Zones are manually added or deleted by the operator to match seasonal or major load changes. Fully automatic operation is also available on these models.



Low Flow/High Pressure Drop Line Heaters 28,000 to 56,000 BTU

Designed specifically for low flow applications, the HotCat LF/HPD is particularly well suited for natural gas pipelines with low flow rates and high pressure cuts to provide protection for regulating and metering equipment.



Pipeline Enclosures 6,000 to 24,000 BTU

The Pipeline Enclosure consists of a stainless steel enclosure with single or multiple heating zones and fabricated exchanger with temperature and safety controls. The unit is designed to be easily field installed into existing field piping.

