

KOLD KATCHER

INCORPORATED

HEAT TRACING SYSTEMS

HT-48 Gas / Electric Series

Industrial Heat Trace Systems

www.koldkatcher.com



DESIGN RATING

- 40,000 BTU/hr
- 750' Max. Loop distance

APPLICATION

- Specifically designed to provide freeze protection for oil wells with varying amounts of produced water. System uses electrical power from on site engines equipped with alternator. Eg. (Pump jacks and surface pumping units).
- Eliminates the need for circulating engine jacket water which can void engine warranty and cause premature engine wear.

OPTIONS

- Powder coated skid (pictured above)
- Back up battery bank (pictured above)
- Available in 12/24 VDC, 120 VAC
- Solar or TEG powered models available

RELIABILITY

- Mag drive pump eliminates leakage and mechanical seal replacement associated with shaft driven pumps.

PRODUCTIVITY

- Extremely robust continuous duty service

Ideal for remote locations and installations. Industrial applications where performance, endurance and reliability are a must.

See reverse for performance specifications and ordering information



1-877-644-2268
www.koldkatcher.com

Model: HT-48 Gas / Electric Specifications

<u>Construction Materials</u>	
Frame	Aluminum
Fluid reservoir	Leak tested @ 210 kpa
Gas capture chamber	Leak tested @ 210 kpa
Exchanger guard	Aluminum

<u>Fittings</u>	
Adjustable Hi-temp shutdown valve	93 degrees Celsius (Max. Set point)
Adjustable Temperature control	65 degrees Celsius (Max. Set point)
Pressure cap on fluid reservoir	48kpa
Gas capture chamber-Relief valve	35 kpa
Threaded fittings (painted)	3000 lb forged steel
Tubing and fittings	Stainless steel
Heat exchanger	Stainless steel ASME Rated

<u>Pump – Non Lubricated</u>	
Maximum operating pressure	690 kpa
Operating temperature range	-40 to 65 degrees Celsius
Flow rate	11.2 liters/minute

<u>24" x 48" – Mark II Flush Mount Catalytic Heater</u>	
Heat input	40,000 Btu/hr.
Face temp. of heater @ maximum output	370 degrees Celsius
Gas consumption @ maximum output	40 SCF/Hr.
Maximum heat trace distance	750'

<u>Dry Weight of Unit – Approx. 110 Kgs.</u>	
Fluid capacity (750' of 1/2" tubing)	20-24 liters
Fluid reservoir - Working volume	1.4 liters
Fluid reservoir expansion volume	1.2 liters

<u>Electrical</u>	
Mag drive pump	12/24 VDC, 120 VAC
Auto gas shutoff	Integral
Level Switch	Standard