

# KOLD KATCHER

INCORPORATED

## HEAT TRACING SYSTEMS

### FTR 120 Series

*Industrial Tank Heating Solutions*

[www.koldkatcher.com](http://www.koldkatcher.com)



#### DESIGN RATING

- FTR - 120 120,000 BTU/HR
- Specifically designed for tank heating, freeze protection, well-site de-waxing and other applications which require higher heating requirements. Heavy oil, paraffin control, water emulsion separation enhancement.
- Aids and assists in lowering vapour pressures in light oil applications.

#### DEPENDABILITY

- Innovative modular design that is operator friendly.
- System circulates heating medium through existing tank coils or optional insertion heater. Heat radiates up from bottom of tank and is further dispersed by incoming produced fluid.
- The system is not affected by tank fluid level and the tank receives heat 100% of the time.
- Typically used at light and heavy oil well sites.
- Power for the system can be supplied by engine alternator from hydraulic pumping unit, pumpjack, or onsite power.

#### OPTIONS

- 12/24 VDC & 120 VAC Available

#### SAFETY AND ENVIRONMENT

- Simple and safe design, ease of access to all components
- Hazardous area classification for Class I, Div. I
- Emissions from catalytic heaters are minimal

#### FLEXIBILITY

- Allows for heat tracing of surface piping while raising and maintaining temperature of produced fluids in production tank.
- No modification is required to existing or new tank designs.
- Delivery & installation times are unsurpassed in the industry

*Procurement and service agreements all-in-one place. Made Simple. Ideal for remote locations and installations. Industrial applications where performance, endurance and reliability are a must.*

## Model: FTR-120 Series Specifications

<b>Fittings</b>	
Adjustable Hi-temp Shutdown Valve	93 degrees Celsius (Max. Set point) (Variable)
Adjustable Temperature Control	65 degrees Celsius (Max. Set point) (Variable)
Automated PLC Controller	Integral
Pressure Cap on Fluid Reservoir	48 kpa
Threaded Fittings (Painted)	3000 lb forged steel
Tubings and Fittings	Stainless Steel
Heat Exchanger	Stainless Steel ASME Rated

<b>Pump</b>	
Maximum operating pressure	690 kpa
Operating temperature range	-40 to 85 degrees Celsius
Flow rate	11.2 litres/minute

<b>Dry Weight of Unit - Approx. 50Kgs</b>	
Fluid reservoir - Working volume	3.4 litres
Fluid reservoir expansion volume	2.2 litres

<b>2-24" x 72" – Flush Mount Catalytic Heaters</b>	
Heat Input	120,000 Btu/hr
Face temp. of Heater @ maximum output	370 degrees Celsius
Gas Consumption @ maximum output	120 SCF/hr
Maximum Heat Trace Distance	2000'

<b>Electrical</b>	
Mag drive pump	12/24 VDC, 120 VAC
Auto gas shutoff	Integral

<b>Options</b>	
Waste Heat Recovery System (WHRS)	Optional
Insertion Heater	Custom sizes available