

INDIRECT LINE HEATER



The Indirect Heater is a safe and efficient method for heating a well stream to prevent freezing or for treating purposes.

A firebox is used to heat a liquid transfer media such as water. The hot water then transmits heat to a pipe coil with the well stream going through the coil. Thus the well stream going through high pressure pipe is heated by non-flammable hot water at atmospheric pressure.

PERMIAN TANK

INDIRECT LINE HEATER

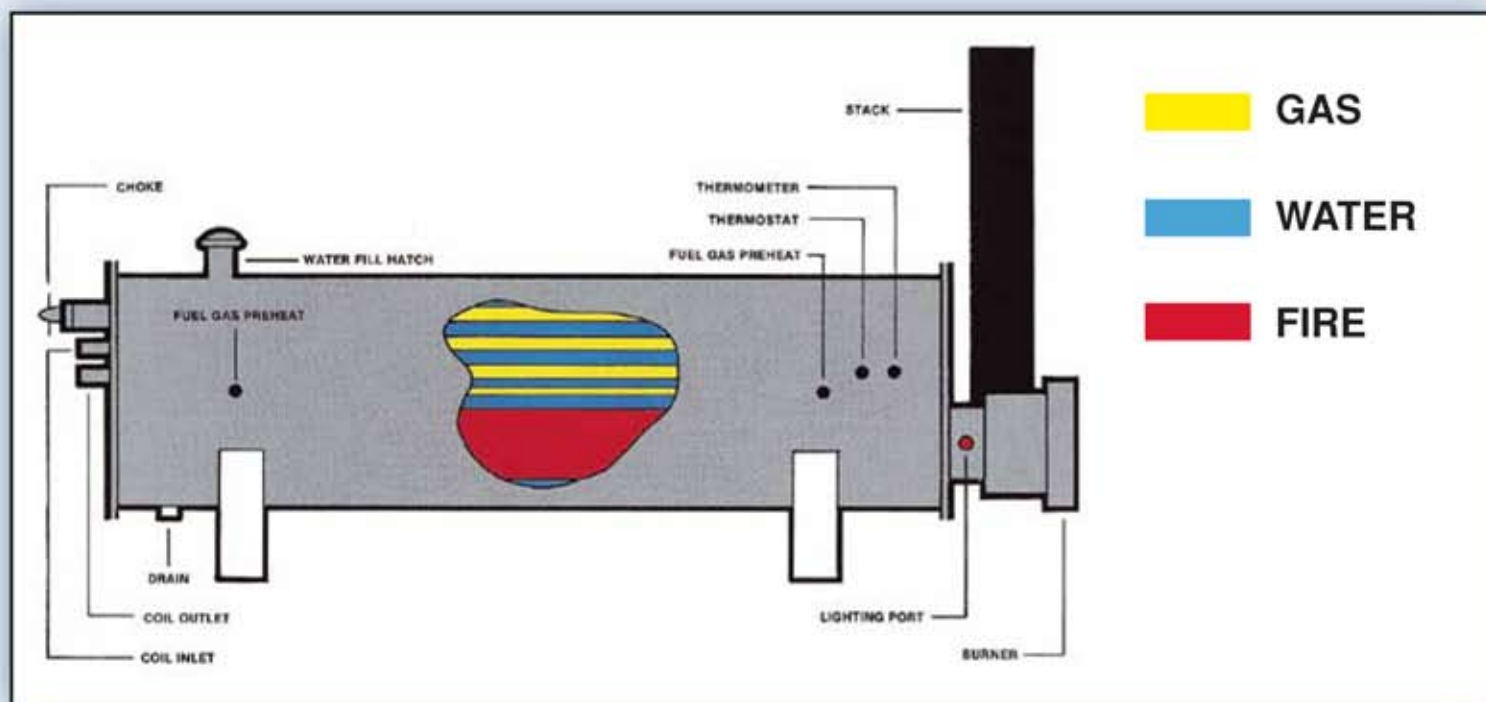
STANDARD ACCESSORIES:

- 1-Removable coil – 2" 3000#
Split pass with long nose choke
- 1-Removable firebox
- 1-Flanged stack
- 1-Thermometer
- 1-Thermostat
- 1-Burner manifold w/block valve,
Pressure gauges and fittings
- 1-Burner/pilot light assy.

- 1-Fuel gas preheat coil – 1" 3000#
- 1-Fuel gas scrubber
W/shutoff
- 1-Fuel gas regulator – low pressure
- 1-Fill hatch – 4"
- 2-Concrete piers

OPTIONAL ITEMS:

- 1-Fuel gas regulator – high pressure (required if fuel gas supply pressure is above 125 psig)
- 1-Coil options
- 1-Flame arrestor
- 1-Single pass coil
- 1-Insulation



SIZE	BTU/HR.	FBX. DIA	COIL AREA SQ. FT. OD	NO. PASSES & SPLIT	COIL W.P.*	WATER CAPACITY (TOTAL)	ANTI-FREEZE FOR 0° F
30" x 6'	250,000	8 5/8"	28.5	8 (6 & 2)	2" - 3,000 psig	173 gal.	55 gal.
30" x 10'	500,000	8 5/8"	48.3	8 (6 & 2)	2" - 3,000 psig	288 gal.	92 gal.
36 x 10'	750,000	12 3/4"	85.2	12 (8 & 4)	2" - 3,000 psig	360 gal.	115 gal.

*COILS TESTED TO 4500 PSIG

DATA REQUIRED TO SIZE HEATER

- 1-Well shut-in pressure
- 1-Flowing pressure
- 1-Inlet temperature
- 1-Outlet pressure
- 1-Gas volume
- 1-Oil volume
- 1-Gas gravity
- 1-Oil gravity