

Indirect Line Heater



Description

Indirect Heaters are used during well test operations to raise the temperature of well effluent to prevent hydrate formation, reduce fluid viscosity, and breakdown emulsions before the well effluent enters the separator. The Indirect Heater uses a gas or diesel burner to heat a water bath, which in turn heats the well effluent.

Features & Benefits

- A Midstream choke assembly to control the well
- Fluid is pre-heated before it passes through the choke
- An inlet manifold to control the flow and to by-pass
- A shutdown valve stops the fuel supply if the pilot light is extinguished

Applications

- Well Testing
- Well Clean-up
- Heating Fluids



Operating Specification

HEAT CAPACITY	1 mmbtu/hr.	1.5 mmbtu/hr.	2 mmbtu/hr.
MAX. WORKING PRESSURE	5,000-10,000 psi	5,000-10,000 psi	10,000 psi
INLET	2 in. 1502 Weco	2-1/16 in. 10K Flange/2" 1502 Weco	3 in. 602 Weco / 3" 1502 Weco
OUTLET	2 in. 1502 Weco	3 in. 1502 Weco	3 in. 1502 Weco
CHOKE	2 in. 5K/10K Adjustable	2 in. 10K Adjustable	3 in. 10K Adjustable
FUEL GAS SYSTEM	Thermostatic Controller, Fuel Gas Conditioning, modulating burner	Thermostatic Controller, Fuel Gas Conditioning, modulating burner	Thermostatic Controller, Fuel Gas Conditioning, modulating burner
SKID DIMENSIONS L x W x H	4 ft. 6 in. x 15 ft. x 5 ft.	5 ft. 2 in. x 23 ft. 2 in. x 6 ft.	7 ft. x 25 ft. x 6 ft.
WEIGHT	8,500/9,600 lbs.	10,000/13,500 lbs.	18,000 lbs.