



## STEAMGEN & CONTROL SYSTEMS

IBR Steam Boilers/Heat Pumps/Steam Generators/Hot-Water Generators/Thermic-Fluid Heaters.

<https://www.indiamart.com/steamgen-controlsystems/>, [www.steamgenglobal.com](http://www.steamgenglobal.com)

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GST no.07BOAPS9682H1ZD



The THERMOPAC series, horizontal three pass thermic fluid/thermal oil heater is designed for maximum efficiency using a variety of liquid and gaseous fuels. It is designed with fuel flexibility in mind and can fire a range of heavy oils, light oils and gases. It allows high process temperatures with low operating pressures.

### PRODUCTS FEATURES:

- High capacity heating system
- Multi-fuel option - heavy oils, light oils and gases
- Rugged - requires very little maintenance

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**OPERATING RANGE:**

**Capacities** From 0.1 million kcal/hr to 10.0 million kcal/hr

**Temperature:** Up to 350°C

**Firing fuels:** Heavy oils, light oils and gases

**Efficiency:** Overall efficiency of 85 % (+/-2%) on NCV

**NOTE:** We are using In-House Manufactured, Level Controls, Reflex Level Gauges and Gauge Glass Assemblies.

<b>Technical Specification</b>							
Description	Units	TPS-04	TPS-06	TPS-10	TPS-15	TPS-20	TPS-25
Heater performance							
Capacity	kcal / hr	4 x10 <sup>5</sup>	6 x10 <sup>5</sup>	1 x10 <sup>6</sup>	1.5 x10 <sup>6</sup>	2 x10 <sup>6</sup>	2.5 x10 <sup>6</sup>
Max. T.F. Outlet Temperature	c	300	300	300	300	300	300
Flow rate	m /hr	30	50	70	120	160	210
Thermal Efficiency ( n %)	%	76	76	76	76	76	76
T. F. head available at outlet	mlc	27					
Heater Construction features							
Coil hold up capacity	litres	470	550	1200	2350	3100	3700
Material of Construction							
Tubes		ERW as per BS 3059 part 1					
Thermic Fluid Pump							
Flow	m / hr	30	50	70	120	160	210
Head	m /c	50	50	50	50	60	60
Power	HP	10	15	25	30	40	50
Connected Load							
Coal or Lignite	HP	17	25.5	40	47.5	62.5	80
Wood	HP	17	25.5	40	47.5	62.5	80
Husk	HP	21	31	47	53	75	95
Fuel Consumption							
Coal	kg/hr	117	175	292	439	585	731
Wood	kg/hr	165	247	411	617	823	1128
Husk	kg/hr	188	282	470	705	940	1175
Lignite	kg/hr	176	263	439	658	877	1097

- GCV For coal is 4500 Kcal/KG
- GCV For Wood is 3200 Kcal/KG
- GCV For Lignite is 3000 Kcal/KG
- GCV For Husk is 2800 Kcal/KG