

NEOTHERM

Industrial Heating Solutions

TECHNICAL DATA SHEET

Model NT-1000

FO Fired Thermic Fluid Heater · 10,00,000 Kcal/hr · 300°C

QUICK SPECIFICATIONS

HEATING CAPACITY	MAX TEMPERATURE	FUEL CONSUMPTION	EFFICIENCY
10,00,000	300°C	112.5 kgs/hr	88 %
<i>Kcal/Hr – Rated Output</i>	<i>At Outlet of the Unit</i>	<i>FO- Based on NCV</i>	

Operating Parameters

Parameter	Unit	NT-1000
Heating Capacity	<i>Kcal/hr</i>	1000000
Maximum Operating Temperature (at outlet of the unit)	°C	300
Fuel Consumption — FO	<i>Kgs/hr</i>	112.5
Thermal Efficiency (NCV)	%	88
Burner Control Mode	—	ON / OFF
Overall Dimensions (L X W X H)	<i>m</i>	4 x 5 x 6
Flue Gas Outlet	<i>mm</i>	500
Gross Weight	<i>kgs</i>	5250
N.C.V Of FO	—	9,600 Kcal/Kgs for FO

Electrical Specifications

Power Supply
AC • 3-Phase • 415V ± 6% • 50 Hz ± 3% • 4-Wire System

Connected Load Component	Unit	Rating
Thermic Fluid Pump Motor	HP	20
Combustion Air Blower Motor	HP	10
Fuel Pump Motor	HP	1.0
Fuel Oil Pre-Heater (FO units only)	kW	12

Total Load — FO Fired Units

31 HP + 12 kW