

NEOTHERM

Industrial Heating Solutions

TECHNICAL DATA SHEET

Model NT-800

FO Fired Thermic Fluid Heater · 8,00,000 Kcal/hr · 300°C

QUICK SPECIFICATIONS

HEATING CAPACITY	MAX TEMPERATURE	FUEL CONSUMPTION	EFFICIENCY
8,00,000	300°C	90 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-800
Heating Capacity	<i>Kcal/hr</i>	800000
Maximum Operating Temperature (at outlet of the unit)	<i>°C</i>	300
Fuel Consumption — FO	<i>Kgs/hr</i>	90
Thermal Efficiency (NCV)	<i>%</i>	88
Burner Control Mode	<i>—</i>	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	<i>---</i>	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	15
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

26 HP + 12 kW