

NEOTHERM

Industrial Heating Solutions

TECHNICAL DATA SHEET

Model NT-1500

LDO Fired Thermic Fluid Heater · 15,00,000 Kcal/hr · 300°C

QUICK SPECIFICATIONS

HEATING CAPACITY

15,00,000

Kcal/Hr – Rated Output

MAX TEMPERATURE

300°C

At Outlet of the Unit

FUEL CONSUMPTION

160.8 kgs/hr

LDO- Based on NCV

EFFICIENCY

88 %

Operating Parameters

Parameter	Unit	NT-1500
Heating Capacity	<i>Kcal/hr</i>	1500000
Maximum Operating Temperature (at outlet of the unit)	<i>°C</i>	300
Fuel Consumption — LDO	<i>Kgs/hr</i>	160.8
Fuel Consumption — FO	<i>Kgs/hr</i>	168.7
Thermal Efficiency (NCV)	<i>%</i>	88
Burner Control Mode	<i>—</i>	ON / OFF
Overall Dimensions (L X W X H)	<i>m</i>	6 x 6 x 8
Flue Gas Outlet	<i>mm</i>	600
Gross Weight	<i>kgs</i>	6500
N.C.V Of HSD	<i>----</i>	10,400 Kcal/Kgs for HSD
N.C.V Of LDO	<i>----</i>	10,200 Kcal/Kgs for LDO
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	20
Combustion Air Blower Motor	HP	10
Fuel Pump Motor	HP	1.0
Fuel Oil Pre-Heater (FO units only)	kW	15

Total Load — LDO Fired Units

41 HP

Total Load — FO Fired Units

41 HP + 15 kW