

NEOTHERM

Industrial Heating Solutions

TECHNICAL DATA SHEET

Model NT-600

LDO Fired Thermic Fluid Heater · 6,00,000 Kcals/hr · 300°C

QUICK SPECIFICATIONS

HEATING CAPACITY

6,00,000

Kcals/Hr – Rated Output

MAX TEMPERATURE

300°C

At Outlet of the Unit

FUEL CONSUMPTION

64.3 kgs/hr

LDO- Based on NCV

EFFICIENCY

88 %

Operating Parameters

Parameter	Unit	NT-600
Heating Capacity	<i>Kcals/hr</i>	600000
Maximum Operating Temperature (at outlet of the unit)	<i>°C</i>	300
Fuel Consumption — LDO	<i>Kgs/hr</i>	64.3
Fuel Consumption — FO	<i>Kgs/hr</i>	67.5
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 5
Flue Gas Outlet	<i>mm</i>	350
Gross Weight	<i>kgs</i>	3500
N.C.V Of HSD	<i>----</i>	10,400 Kcals/Kgs for HSD
N.C.V Of LDO	<i>----</i>	10,200 Kcals/Kgs for LDO
N.C.V Of FO	<i>----</i>	9,600 Kcals/Kgsfor 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	5
Fuel Pump Motor	HP	0.5
Fuel Oil Pre-Heater (FO units only)	kW	9.0

Total Load — LDO Fired Units 20.5 HP	Total Load — FO Fired Units 20.5 HP + 9 kW
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