

NEOTHERM

Industrial Heating Solutions

TECHNICAL DATA SHEET

Model NT-50

LDO Fired Thermic Fluid Heater · 50,000 Kcal/hr · 300°C

QUICK SPECIFICATIONS

HEATING CAPACITY	MAX TEMPERATURE	FUEL CONSUMPTION	EFFICIENCY
50,000	300°C	5.4 kg/hr	88 %
<i>Kcal/Hr – Rated Output</i>	<i>At Outlet of the Unit</i>	<i>LDO- Based on NCV</i>	

Operating Parameters

Parameter	Unit	NT-50
Heating Capacity	<i>Kcal/hr</i>	50000
Maximum Operating Temperature (at outlet of the unit)	<i>°C</i>	300
Fuel Consumption — LDO	<i>Kgs/hr</i>	5.4
Thermal Efficiency (NCV)	<i>%</i>	88
Burner Control Mode	<i>—</i>	ON / OFF
Overall Dimensions (L X W X H)	<i>m</i>	2 x 2 x 2.5
Flue Gas Outlet	<i>mm</i>	200
Gross Weight	<i>kgs</i>	1000
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	3
Combustion Air Blower Motor	HP	1
Fuel Pump Motor	HP	0.5

Total Load — LDO Fired Units

4.5 HP