NEOTHERM

Industrial Heating Solutions

TECHNICAL DATA SHEET

Model NT-300

FO Fired Thermic Fluid Heater · 3,00,000 Kcals/hr ·300°C

QUICK SPECIFICATIONS

HEATING CAPACITY	MAX TEMPERATURE	FUEL CONSUMPTION	EFFICIENCY
3,00,000	300°C	33.9 kg/hr	88 %
Kcals/Hr – Rated Output	*At Outlet of the Unit*	*FO- Based on NCV*	

Operating Parameters

Parameter	Unit	NT-300
Heating Capacity	*Kcals/hr*	**300000**
Maximum Operating Temperature (at outlet of the unit)	*°C*	**300**
Fuel Consumption — FO	*Kgs/hr*	**33.9**
Thermal Efficiency (NCV)	*%*	**88**
Burner Control Mode	—	**ON / OFF**
Overall Dimensions (L X W X H)	*m*	**4 x 4 x 5**
Flue Gas Outlet	*mm*	**250**
Gross Weight	*kgs*	**2400**
N.C.V Of FO	----	**9,600 Kcals/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*	**10**
Combustion Air Blower Motor	*HP*	**2**
Fuel Pump Motor	*HP*	**0.5**
Fuel Oil Pre-Heater (FO units only)	*kW*	**6.0**

Total Load — FO Fired Units

12.5 HP + 6 kW