

QUICK SPECIFICATIONS

STEAM OUTPUT

1000 Kgs/hr

Feed & Actual @ 100°C

MAX PRESSURE

15 Kgs/cm²

Working Pressure

EFFICIENCY

88 ± 2%

START-UP TIME

5 Minutes

Operating Parameters

Parameter	Unit	RT-10 Value
Steam Output (F&A @ 100°C)	Kgs/hr	1000
Maximum Working Pressure	Ksg/cm ²	15
Fuel Consumption — LDO	Kgs/hr	60
Fuel Consumption — FO	Kgs/hr	63.6
Thermal Efficiency (NCV)	%	88 ± 2%
Cold Start-Up Time	Minutes	5
Burner Control Mode	—	ON / OFF
Dry Weight (Approx.)	Kgs	1,950
Flue Gas Outlet Diameter	mm	300
N.C.V Of HSD	---	10,400 Kcal/Kg for HSD
N.C.V Of LDO	---	10,200 Kcal/Kg for LDO
N.C.V Of FO	---	9,600 Kcal/Kg for FO

Electrical Specifications

Power Supply

AC • 3-Phase • 415V $\pm$ 6% • 50 Hz $\pm$ 3% • 4-Wire System

Connected Load Component	Unit	Rating
Feed Water Pump Motor	HP	1.5
Combustion Air Blower Motor	HP	5
Fuel Pump Motor	HP	0.5
Fuel Oil Pre-Heater (FO units only)	kW	7.5

Total Load — LDO Fired Units

7 HP

Total Load — FO Fired Units

7 HP + 7.5 kW

Compliance & Regulatory

Pressure Parts Classification

The pressure parts of the RT-10 are outside the purview of the Indian Boiler Regulations (IBR). This coil-type design operates under a unique configuration that exempts it from standard IBR registration requirements, simplifying installation and commissioning.