

Q U I C K S P E C I F I C A T I O N S

STEAM OUTPUT 150 Kgs/hr Feed & Actual @ 100°C	MAX PRESSURE 15 Kgs/cmZ Working Pressure	EFFICIENCY 88 ± 2% Net Calorific Value	START-UP TIME 3 Minutes Cold to Full Steam
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Operating Parameters

Parameter	Unit	Minimatic-150 Value
Steam Output (F&A @ 100°C)	Kgs/hr	150
Maximum Working Pressure	Kgs/cm²	15
Fuel Consumption — HSD	Kgs/hr	10.8
Fuel Consumption — Natural Gas	Kgs/hr	10.5
Fuel Consumption — LPG	Kgs/hr	7.8
Thermal Efficiency (NCV)	%	88 ± 2%
Cold Start-Up Time	Minutes	3
Burner Control Mode	—	ON / OFF
Flue Gas Outlet Diameter	mm	200 Ø
Overall Dimensions (L × W × H)	mts	1.6 × 1.6 × 1.6
N.C.V Of HSD		10,400 Kcals/kg for HSD
N.C.V Of NG		8,600 Kcals/Nm3 for NG
N.C.V Of LPG		11,200 Kcals/kg for LPG

Electrical Specifications

P O W E R S U P P L Y
AC · 3-Phase · 415V ± 6% · 50 Hz ± 3% · 4-Wire System

Connected Load Component	Unit	Rating
Burner Motor	HP	0.25
Feed Water Pump Motor	HP	0.5

Compliance & Regulatory

P R E S S U R E P A R T S C L A S S I F I C A T I O N
The pressure parts of the Minimatic-150 are outside the purview of the Indian Boiler Regulations (IBR). This compact design operates under a unique configuration that exempts it from standard IBR registration requirements, simplifying installation and commissioning.