

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

STEAM OUTPUT 100 Kgs/hr F & A @ 100°C	MAX PRESSURE 15 Kgs/cm2 Working Pressure	EFFICIENCY 88 ± 2%	START-UP TIME 3 Minutes
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Operating Parameters

Parameter	Unit	Minimatic-100
Steam Output (F&A @ 100°C)	Kgs/hr	100
Maximum Working Pressure	Kgs/cm ²	15
Fuel Consumption — HSD	Kgs/hr	7.2
Fuel Consumption — Natural Gas	Nm3/hr	7
Fuel Consumption — LPG	Kgs/hr	5.2
Thermal Efficiency (NCV)	%	88 ± 2%
Cold Start-Up Time	Minutes	3
Burner Control Mode	—	ON / OFF
Flue Gas Outlet Diameter	mm	150 Ø
Overall Dimensions (L × W × H)	mts	1.5 × 1.5 × 1.6
N.C.V Of HSD	—	10,400 Kcals/kgs 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	0.2
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-100 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.