



## STEAMGEN & CONTROL SYSTEMS

IBR Steam Boilers/Heat Pumps/Steam Generators/Hot-Water Generators/Thermic-Fluid Heaters.

<https://www.indiamart.com/steamgen-controlsystems/>, [www.steamgenglobal.com](http://www.steamgenglobal.com)

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### SteamGen Series I

Steamgen Series I, is a highly reliable, packaged instant steam generator suitable for steam or hot water requirements in laundries or factory canteens. Series I, is a compact, hassle-free alternative solution to cut down operating costs of these small heating loads, replacing expensive electrical systems.

In addition, the large diameter of the pressure part tubes and the transparent filter is specially designed to spot sludge or rust, preventing coil choking, thus reducing downtime of boilers.

## Product Features

- Instant steam generator
- Low cost alternative heating for laundries, canteens etc.
- Plug & Play Boiler.
- Multi-fuel option - HSD/Natural gas/LPG
- High efficiency of about 90%
- Protected against low/no water flow
- Flame failure alarms
- Electrical overload lockout

## Operating Range

- Capacities: 50 Kg/hr & 100 Kg/hr
- Design pressure: Up to 10.5 Kg/cm<sup>2</sup> (g)
- Firing fuels: HSD/ natural gas/ LPG with an efficiency of 90% (+/- 2%) on NCV

**NOTE: We are using In-House Manufactured, Level Controls, Reflex Level Gauges and Gauge Glass Assemblies.**

## Technical specifications

Description	Unit	SS1 50	SS1 100
Capacity (F&A 100°C)	kg / hr	50	100
Design Pressure (SVLOP)	kg / cm <sup>2</sup> g	10.54	
Efficiency		As Per BS 845 Part 1 NCV Basis	
HSD	%	88	
NG / LPG	%	87.5	
Fuel		HSD / NG / LPG	
Fuel Firing System		Monobloc	
<b>Fuel Consumption</b>			
HSD	kg/hr	2.92	5.84
NG	kg/hr	3.63	7.26
LPG	kg/hr	1.24	2.47
<b>Connected Electrical Load</b>			
HSD / NG / LPG	kW	1.5	
<b>Dimensions &amp; Weight</b>			
Length	mm	1115	
Width	mm	875	
Height	mm	1202	
Chimney Top Diameter	mm	120	
Dry Weight	kg	500	550

Note: Efficiency is calculated based on NCV of Diesel as 10500 kcal/kg, LPG as 24940 kcal/Nm<sup>3</sup> and Natural Gas as 8500 kcal/Nm<sup>3</sup>. Above mentioned weight and dimensions may vary with actuals. Please refer to offer document for more details.