



## STEAMGEN & CONTROL SYSTEMS

OFFICE: K166, SECTOR 5, DSIIDC, BAWANA, NEW DELHI 110039

WORKSPLOT NO.20, KH.31/18, MEERA ENCLAVE, RANHOULA, NEW DELHI 110041

WEBSITE: [WWW.STEAMGENGLOBAL.COM](http://WWW.STEAMGENGLOBAL.COM) , EMAIL: [MKT@STEAMGENGLOBAL.COM](mailto:MKT@STEAMGENGLOBAL.COM)

TEL.: +91-11-65572727 MOB.:+91 7720834658/9990972727



### SteamGen Series II

SteamGen Series II, is a versatile, fully automatic, INSTANT STEAM generating range of boilers designed for SAFE and reliable operations. Easy to install and commission, these time-tested boilers require very little maintenance. It features a SPECIALLY designed furnace and COMBUSTION system to burn difficult heavy oils and offers fuel flexibility between light and heavy oils to help respond to fluctuating fuel prices.

#### Product Features

- Instant Steam Generator.
- Efficiency of 88% on NCV.
- Built-in heat recovery device.
- Membrane DESIGN allows large tube diameter for coil enabling better STEAM dryNESS, LESS frequent de-scaling, longer coil life and minimum downtime.

- Economizer - optimizer design ensures maximum heat recovery without possibility of feed water pump failure due to Boiling/ Vapor causing cavitations and Pump failure.
- Circulation burner design prevents leakage and eliminates fire hazard.
- Easy access to all parts requiring maintenance.
- Powder-coated, well lit control panel for better life in industrial environment and easy monitoring.

### Operating Range

- Capacities: From 100 to 850 Kg/hr
- Design pressure: From 10.54 to 15.00 Kg/cm<sup>2</sup> (g)
- Firing fuels: Light oil, GAS or dual fuel

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

## Technical specifications

		S2 200	S2 300	S2 400	S2 500	S2 600	S2 700	S2 750	S2 850	
Capacity (F&A 100°C)	kg / hr	200	300	400	500	600	700	750	850	
<b>Efficiency</b>		<b>As Per BS 845 Part 1 NCV Basis</b>								
Oil / Gas	%	<b>88 / 87.5</b>								
Fuel		HSD / LDO / NG / LPG					FO / NG / LPG			
Fuel Firing System		Pressure Jet - Reverse Flue, Dual Bloc								
<b>Fuel Consumption</b>										
HSD	kg / hr	11.69	17.53	23.38	29.22	35.06	23.38	35.06	49.68	
LDO	kg / hr	12.03	18.05	24.06	30.08	36.10	24.06	36.10	51.14	
FO	kg / hr			NA			25.44	38.15	54.05	
NG	Nm <sup>3</sup> / hr	14.52	21.78	29.04	36.30	43.56	29.04	43.56	61.71	
LPG	Nm <sup>3</sup> / hr	4.95	7.42	9.90	12.37	14.85	9.90	14.85	21.03	
<b>Connected Electrical Load</b>										
Light Oil	kW	1.80	2.17	2.17	2.75	2.75	2.17	3.12	3.87	
Gas	kW	1.80	1.80	1.80	2.75	2.75	1.80	2.75	3.50	
Light Oil / Gas	kW	2.17	2.17	2.17	3.12	3.12	2.17	3.12	3.87	
Heavy Oil / Gas	kW			NA			5.17	6.12	6.87	
<b>Dimensions &amp; Weight</b>					<b>Without Separator</b>					
Length	mm	1300	1500	1500	1500	1500	1170	1350	1770	
Width	mm	1080	1280	1280	1400	1400	1480	1350	1420	
Height	mm	1610	2150	2150	2340	2340	2550	2340	2890	
Chimney Top Diameter	mm	180	225	250	275	300	250	300	350	
Dry Weight	kg	950	1100	1100	1000	1000	1100	1000	1100	

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.