



REVOMAX[®]

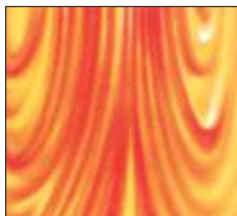
N-IBR Instant Steam Generator



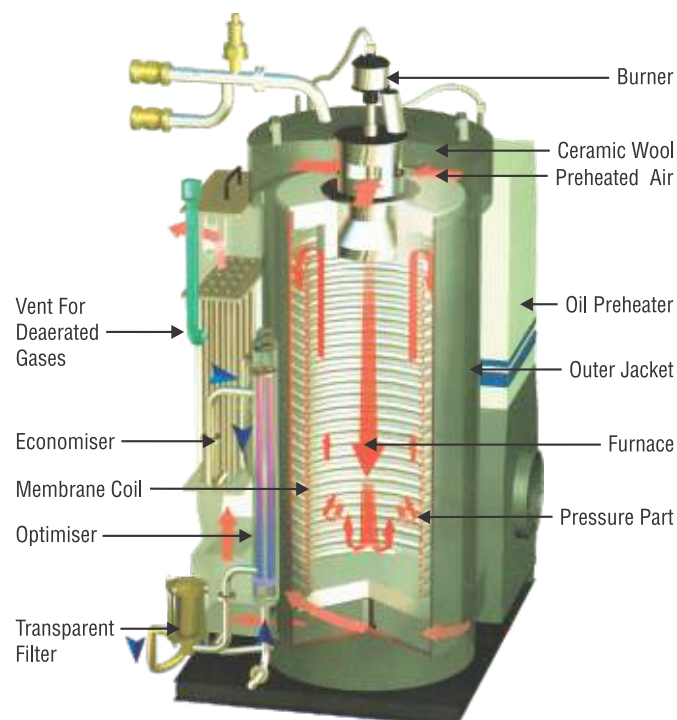
Engineered for consistent performance

Revomax is a 3 pass, once through, forced circulation design compact N-IBR plug & play unit. With multi-fuel firing options (one at a time) viz. FO, LDO, HSD, NG and LPG, it is the most efficient instant steam generator in its class, preferred by process industries and the hospitality segment for decades.

Unique design features



- **Reverse Flame Technology**
 - Provides ample residence time
 - Ensures complete combustion
 - Maintains consistent high thermal efficiency
- **Unique Membrane Coil Design**
 - Uniform heat transfer leading to enhanced coil life
- **Economiser-Optimiser Combination**
 - Helps oxygen scavenging, reducing pitting corrosion
 - Ensures reduction in heat loss
- **Cyclonic Steam Separator**
 - Assures steam dryness up to 92%



Technical specifications

| Description | Unit | RXA 02 | RXA 03 | RXA 04 | RXA 05 | RXA 06 | RXD 04 | RXD 06 | RXD 850 |
|---------------------------|-----------|--|--------|--------|--------|--------|---------------|--------|---------|
| Capacity (F&A 100°C) | kg / hr | 200 | 300 | 400 | 500 | 600 | 400 | 600 | 850 |
| Design Pressure (SVLOP) | kg / cm²g | 10.54 / 17.5 | | | | | | | |
| Efficiency | | As Per BS 845 Part 1 NCV Basis | | | | | | | |
| Oil / Gas | % | 88 / 87.5 | | | | | | | |
| Fuel | | HSD / LDO / NG / LPG | | | | | FO / NG / LPG | | |
| Fuel Firing System | | Pressure Jet - Reverse Flue, Dual Bloc | | | | | | | |
| Fuel Consumption | | | | | | | | | |
| 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 | Nm³ / hr | 14.52 | 21.78 | 29.04 | 36.30 | 43.56 | 29.04 | 43.56 | 61.71 |
| LPG | Nm³ / hr | 4.95 | 7.42 | 9.90 | 12.37 | 14.85 | 9.90 | 14.85 | 21.03 |
| Connected Electrical Load | | | | | | | | | |
| 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 |
| Dimensions & Weight | | | | | | | | | |
| | | Without Separator | | | | | | | |
| 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/Nm³ and Natural Gas as 8500 kcal/Nm³. Above mentioned weight and dimensions may vary with actuals. Please refer to offer document for more details.



THERMAX LIMITED

Heating SBU, C&H Division

D-13, M.I.D.C. Industrial Area, R. D. Aga Road
Chinchwad, Pune - 411019, INDIA

Tel.: +91 - 20 - 27470436, 27475941/ 42, 66122100

Fax: +91 - 20 - 27472049

E-mail: heating.enquiries@thermaxindia.com

www.thermaxindia.com



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