# STEAM GENERATING PLANT

Containerised Boiler 3T/Hr

| General Information | Boiler | Feedwater tank |
|---|---|---|
| Dimensions LxWxH (mm) (Containerised): | 6060 x 2500 x 2896 | 3207 x 2440 x 2959 |
| Chimney Outlet Elévation (mm) (Containerised): | 5040 | 4830 |
| Weight – Transport (kg) | 9600 | 2900 |
| Weight – Operating (kg) | 13200 | 5400 |
| Weight - Full Flooded (kg) | 1390 | 6700 |

| Steam Production | | |
|---|---|---|
| **Set up options:** | **Feedwater Temp" 90C** | **Feedwater Temp" 20C** |
| Max steam production - With Economiser (kg/h) | 3000 | 3000 |
| Max steam production - No Economiser (kg/h) | 3000 | 3000 |

| Steam Pressure | | |
|---|---|---|
| | Design | Working |
| Steam Pressure (barg) | 11 | 10 |

| Fuel Consumption | | |
|---|---|---|
| **Fuel Consumption – With Economiser** | **Natural Gas [NM3/H]** | **LF0 [kg/hr]** |
| Boiler Capacity: 100% | 195 | 177 |
| Boiler Capacity: 75% | 146 | 132 |
| Boiler Capacity: 50% | 102 | 88 |
| Boiler Capacity: 25% | 50 | 45 |

## Fuel Cosumption

| Fuel Consumption – No economiser | Natural Gas [NM3/H] | LF0 [kg/hr] |
|---|---|---|
| Boiler Capacity: 100% | 204 | 188 |
| Boiler Capacity: 75% | 152 | 140 |
| Boiler Capacity: 50% | 98 | 93 |
| Boiler Capacity: 25% | 52 | 47 |
| **Fuel Source** | **Natural Gas** | **LFO** |
| Gross calorific value @15C | 41.3 MJ/Nm3 | 45.476 MJ/kg |
| Relative Density \| Kinematic Viscosity | 0.55 - 0.7 | 1.5 - 5.5 mm2/s @ 50C |
| Inlet Fuel Pressure | 60 - 500 mbar | 0.4 - 5 bar |
| Health & Safety Standard | EN12953 | |

## Emission Data - Normalised

| Fuel Source | Natural Gas | LF0 |
|---|---|---|
| CO2 (%) | 10.31 | 12.96 |
| CO (ppm) | 37 | 37 |
| NOx (ppm) | 150 | 150 |
| SOx (ppm) | 0 | 586 |