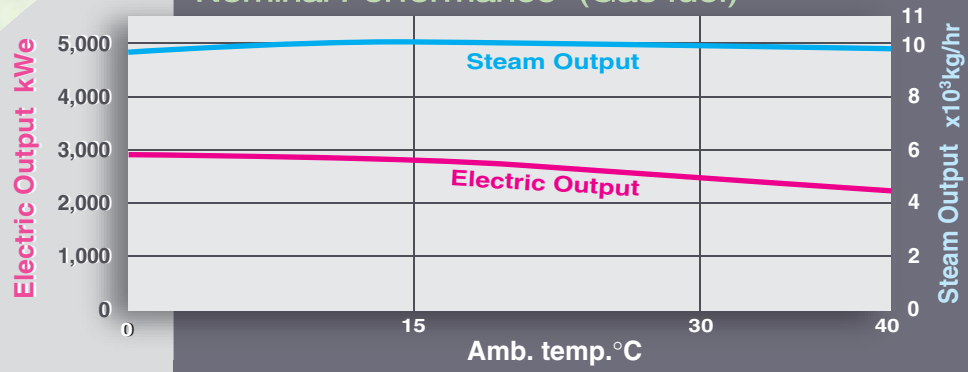




High efficiency : electric 23.2%, overall 79.3%  
 Dry low emissions : NOx 25ppmv, CO 50ppmv ( O<sub>2</sub> = 15% )  
 High reliability & easy maintenance

### Nominal Performance (Gas fuel)



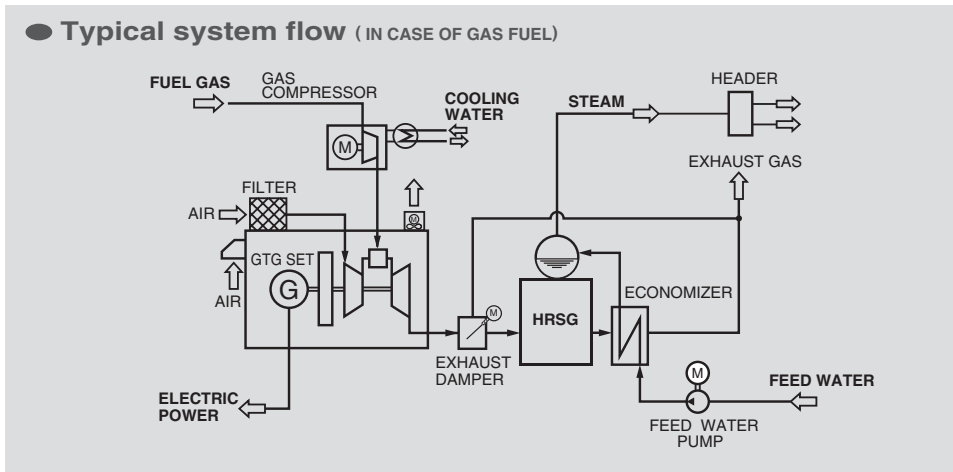
Amb. temp. °C (°F)	Electric Output kWe	Heat Rate kJ/kW-hr	Steam Output x10 <sup>3</sup> kg/hr	Electrical Efficiency %	Total Thermal Efficiency %
0 (32)	2,950	15,290	9.6	23.5	75.7
15 (59)	2,850	15,510	10.2	23.2	79.3
40 (104)	2,190	17,475	9.7	20.6	82.5

#### Nominal Performance

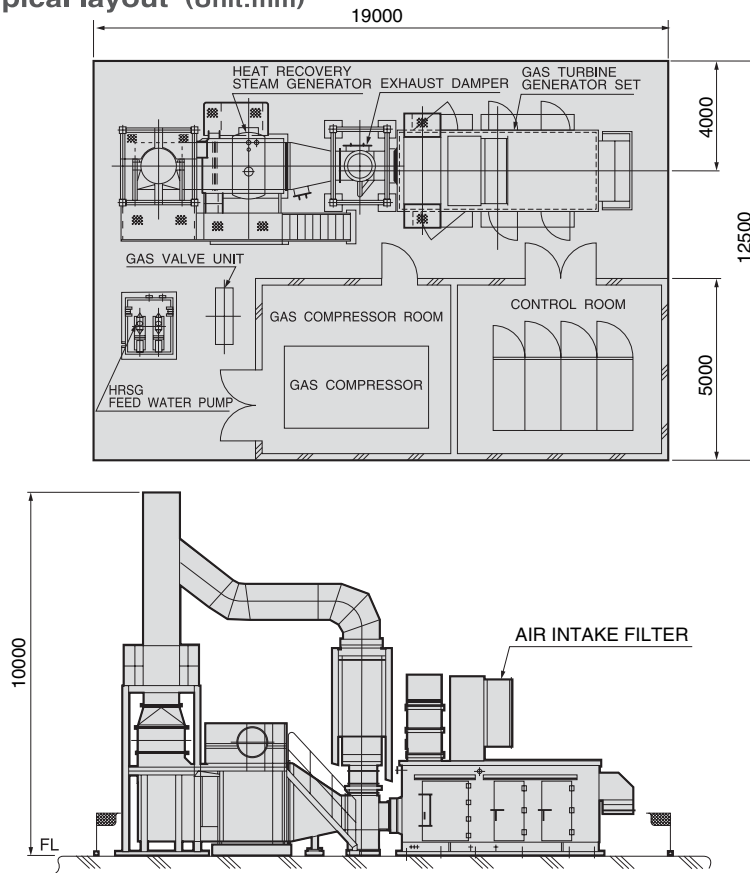
Elevation : 0 m  
 Inlet Air Temperature : 15 °C  
 Inlet Air Pressure Loss : 0.98 kPa  
 Exhaust Gas Pressure Loss : 2.45 kPa  
 LHV of Natural Gas Fuel : 35.9 MJ/Nm<sup>3</sup>  
 (100% CH<sub>4</sub>)

#### Typical Steam Condition

Steam Pressure : 0.83 MPaG  
 Steam Temperature (Saturated) : 177 °C  
 Feed Water Temperature : 80 °C  
 Blowdown from HRSG : 0 %



● Typical layout (Unit:mm)



[www.khi.co.jp/gasturbine/index\\_e.html](http://www.khi.co.jp/gasturbine/index_e.html)

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