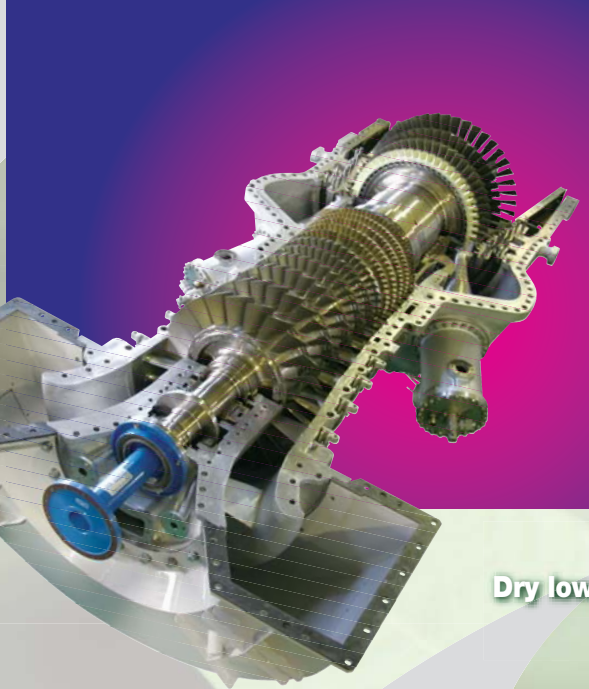
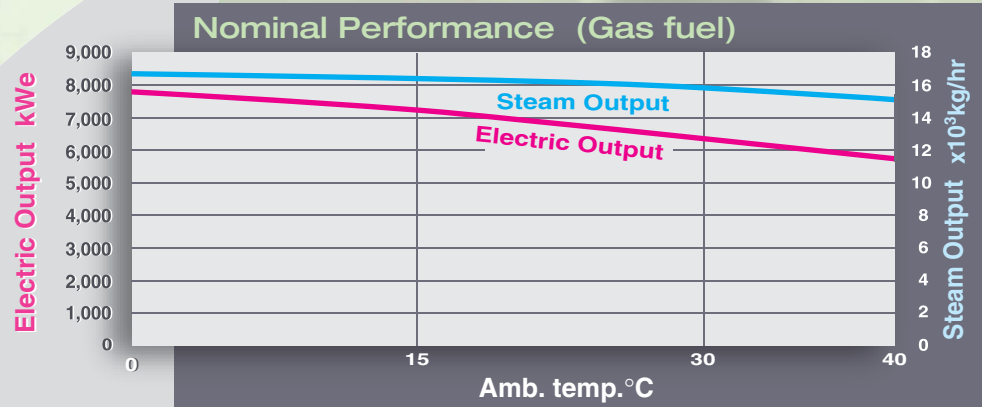


Electric Power 7.2MWe, Steam 16.2t/h, Dry Low Emissions



High efficiency : electric 32.7%, overall 82.1%  
Dry low emissions : NOx 15ppmv, CO 50ppmv ( O<sub>2</sub> = 15% )  
High reliability & easy maintenance



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)	7,800	10,850	16.4	33.2	80.5
15 (59)	7,250	11,010	16.2	32.7	82.1
40 (104)	5,750	11,910	15.3	30.2	84.6

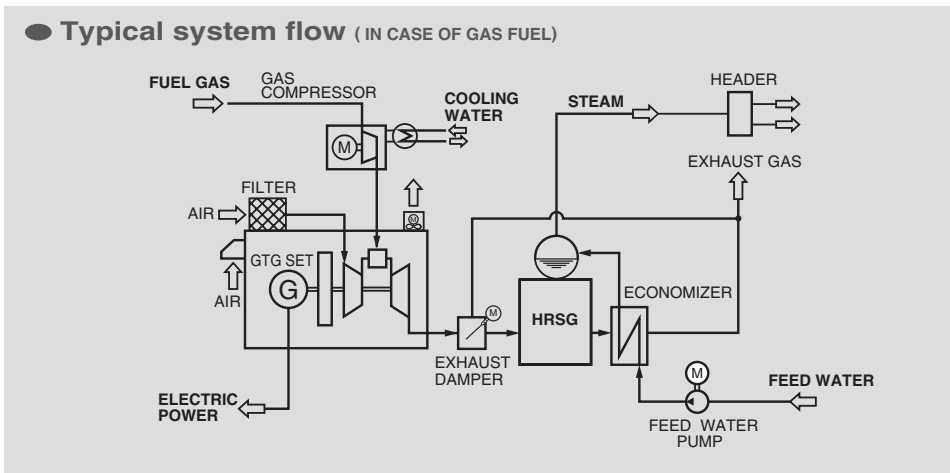
**Nominal Performance**

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>)

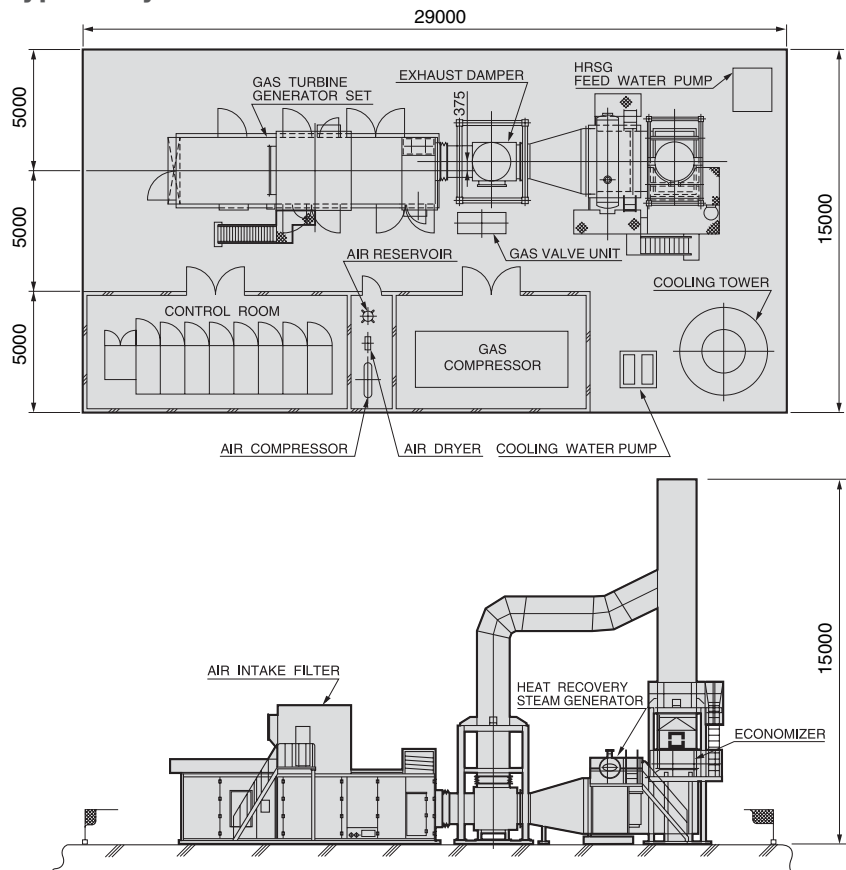
**Typical Steam Condition**

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

● Typical system flow ( IN CASE OF GAS FUEL )



● 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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