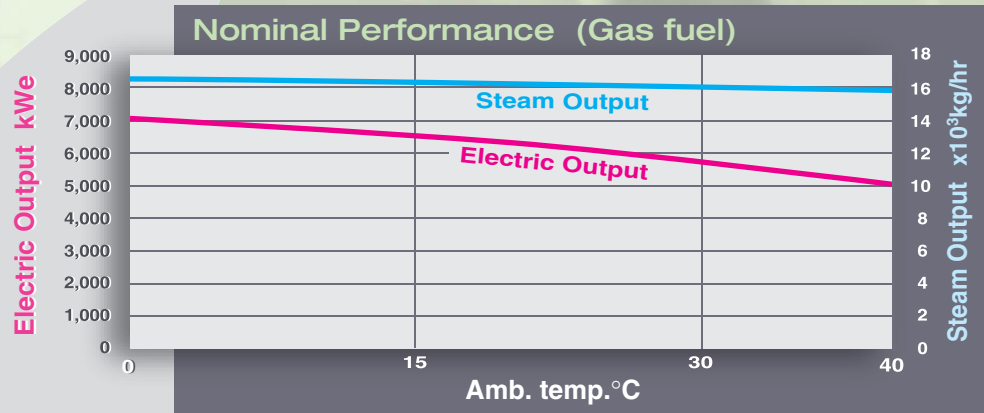




High efficiency : electric 29.8%, overall 79.8%
Dry low emissions : NOx 25ppmv, CO 50ppmv (O₂ = 15%)
High reliability & easy maintenance



Amb. temp. °C (°F)	Electric Output kWe	Heat Rate kJ/kW-hr	Steam Output x10 ³ kg/hr	Electrical Efficiency %	Total Thermal Efficiency %
0 (32)	7,070	12,000	16.5	30.0	77.5
15 (59)	6,530	12,090	16.2	29.8	79.8
40 (104)	5,010	13,280	15.8	27.1	84.8

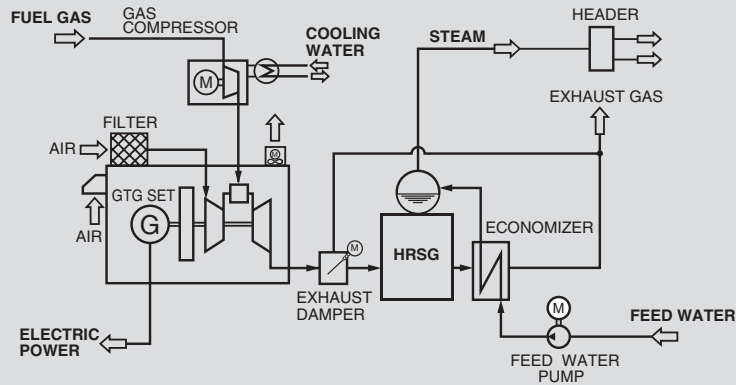
Nominal Performance

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/Nm³
 (100% CH₄)

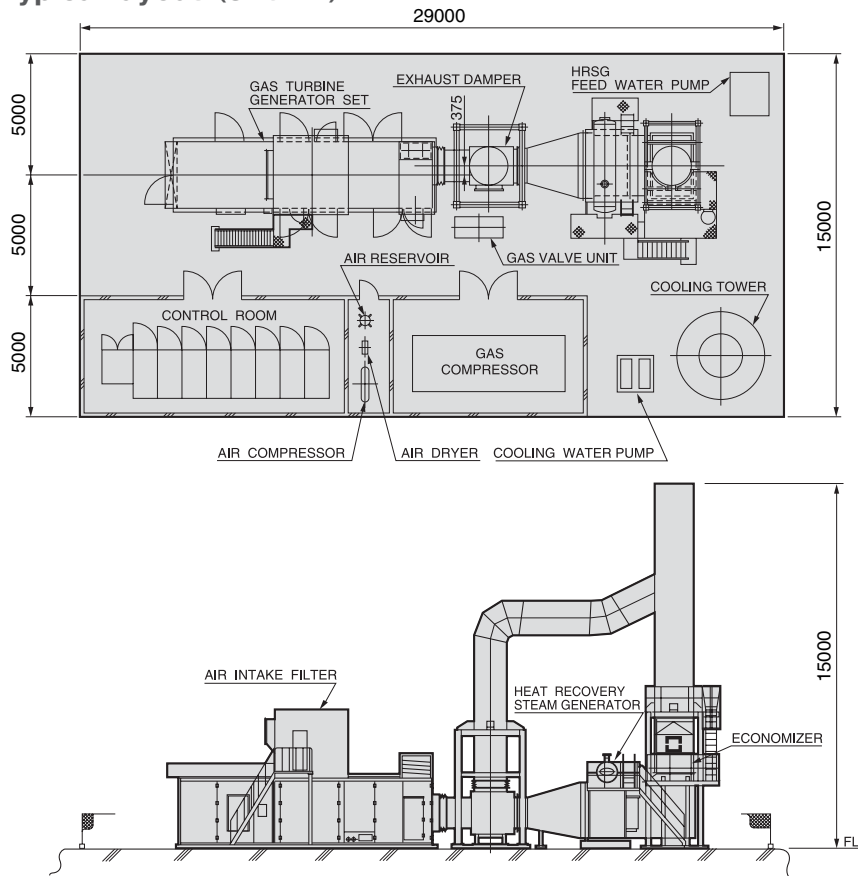
Typical Steam Condition

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

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