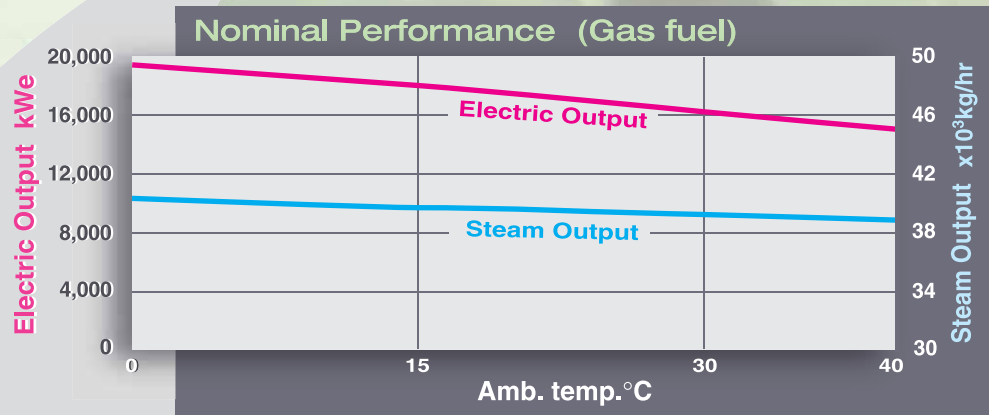




High efficiency : electric 33.7%, overall 84.0%
Dry low emissions : NOx 15ppmv, CO 50ppmv (O₂ = 15%)
High reliability & easy maintenance



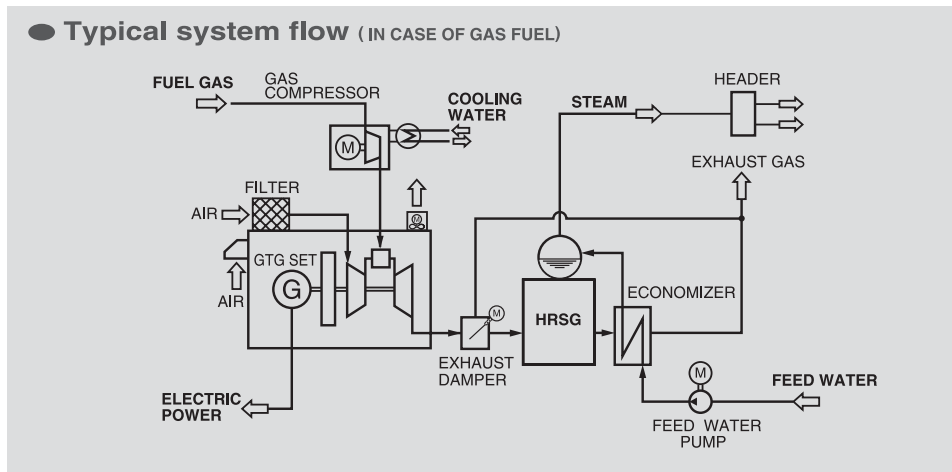
Amb. temp. °C (°F)	Electric Output kWe	Heat Rate kJ/kW-hr	Steam Output x10 ³ kg/hr	Electrical Efficiency %	Total Thermal Efficiency %
0 (32)	19,320	10,500	40.2	34.3	82.5
15 (59)	17,970	10,690	39.7	33.7	84.0
40 (104)	15,080	11,380	38.8	31.6	86.7

Nominal Performance

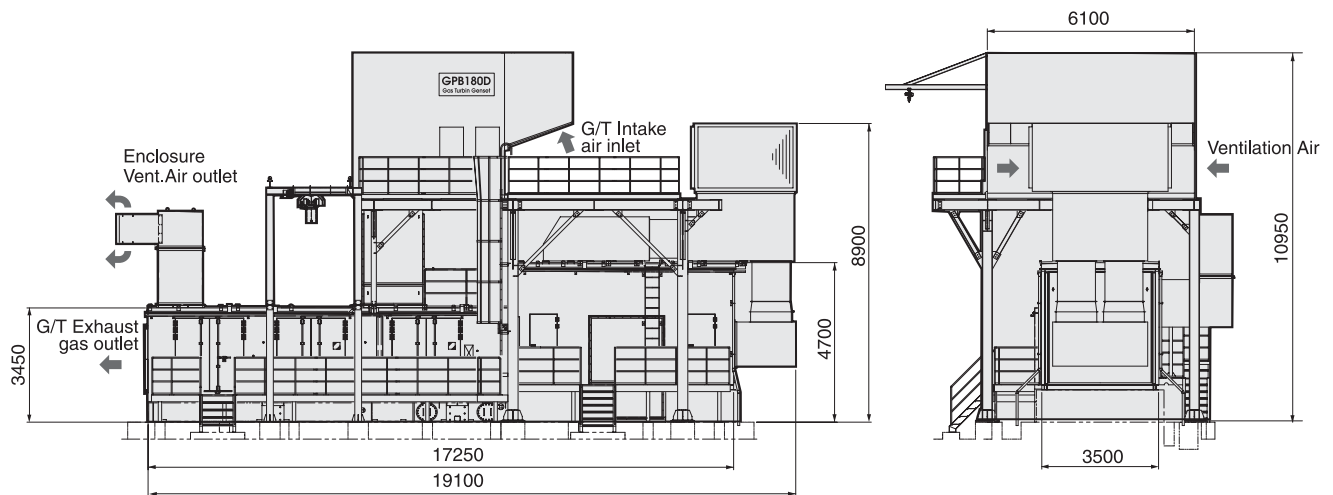
Elevation : 0 m
Inlet Air Temperature : 15 °C
Inlet Air Pressure Loss : 0.98 kPa
Exhaust Gas Pressure Loss : 2.45 kPa
LHV of Natural Gas Fuel : 35.9 MJ/Nm³
(100% CH₄)

Typical Steam Condition

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



● Typical layout (Unit:mm)



www.khi.co.jp/english/gasturbine/index.html

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