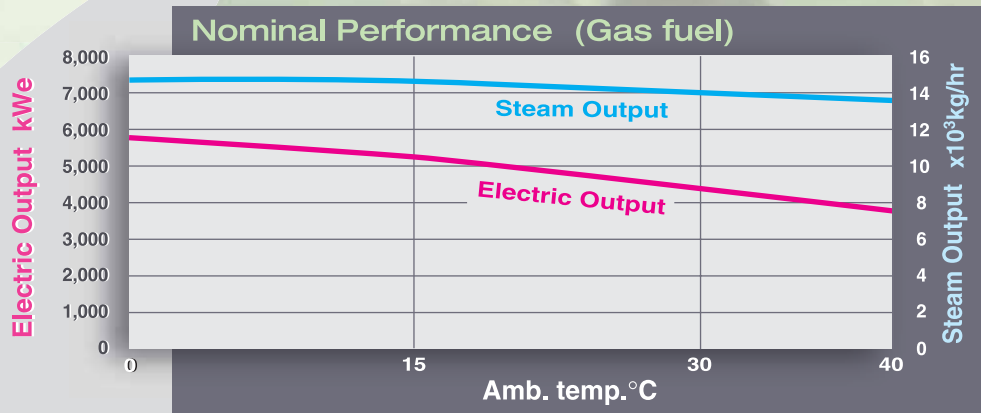




**High efficiency : electric 28.9%, overall 82.3%**  
**Dry low emissions : NOx 35ppmv, CO 50ppmv ( O2 = 15% )**  
**High reliability & easy maintenance**



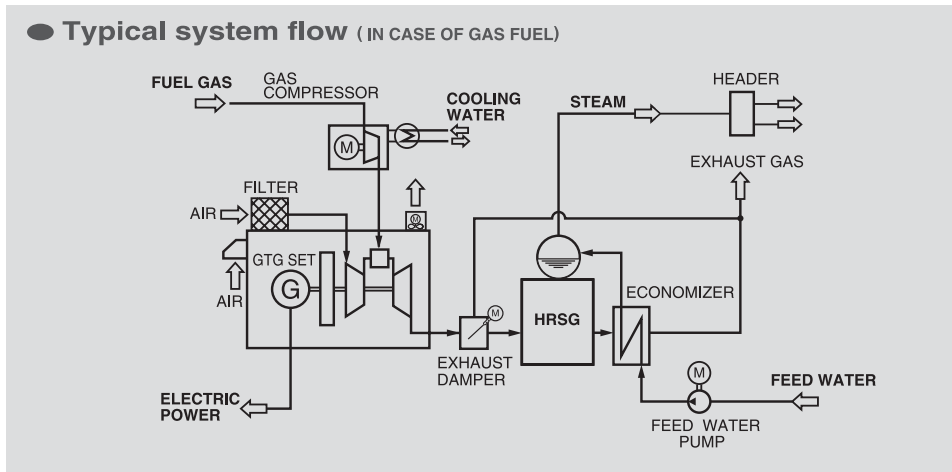
| Amb.temp.<br>°C (°F) | Electric Output<br>kWe | Heat Rate<br>kJ/kW-hr | Steam Output<br>x10 <sup>3</sup> kg/hr | Electrical<br>Efficiency<br>% | Total Thermal<br>Efficiency<br>% |
|----------------------|------------------------|-----------------------|--|-------------------------------|----------------------------------|
| 0 (32)               | 5,800                  | 12,130                | 14.7                                   | 29.7                          | 80.4                             |
| 15 (59)              | 5,280                  | 12,460                | 14.4                                   | 28.9                          | 82.3                             |
| 40 (104)             | 3,830                  | 14,050                | 13.5                                   | 25.6                          | 87.0                             |

**Nominal Performance**

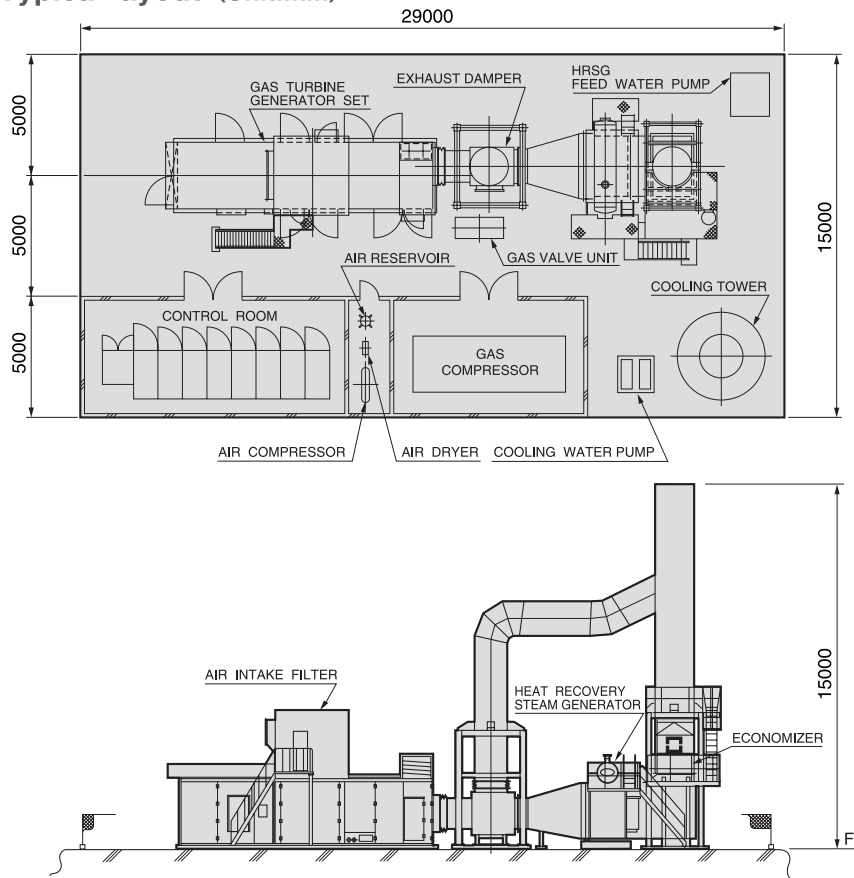
Elevation : 0 m  
 Inlet Air Temperature : 15 °C  
 Inlet Air Pressure Loss : 0.98 kPa  
 Exhaust Gas Pressure Loss : 2.45 kPa  
 LHV of Natural Gas Fuel : 35.9 MJ/Nm<sup>3</sup>  
 (100% CH<sub>4</sub>)

**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/english/gasturbine/index.html](http://www.khi.co.jp/english/gasturbine/index.html)

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