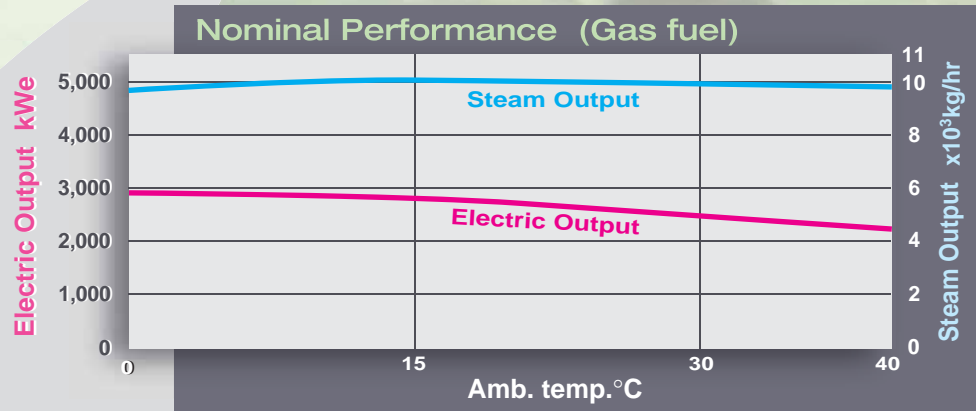




High efficiency : electric 23.2%, overall 79.3%
 Dry low emissions : NOx 25ppmv, CO 50ppmv (O₂ = 15%)
 High reliability & easy maintenance



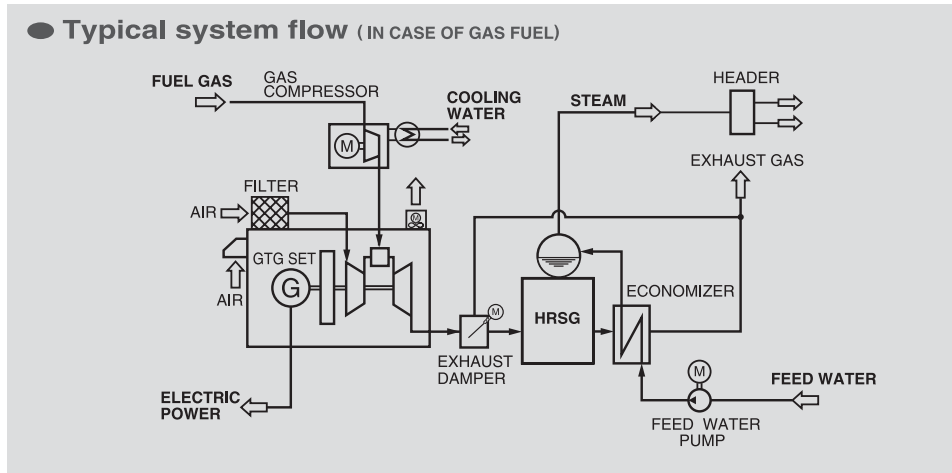
Amb.temp. °C (°F)	Electric Output kWe	Heat Rate kJ/kW-hr	Steam Output x10 ³ kg/hr	Electrical Efficiency %	Total Thermal Efficiency %
0 (32)	2,950	15,290	9.6	23.5	75.7
15 (59)	2,850	15,510	10.2	23.2	79.3
40 (104)	2,190	17,475	9.7	20.6	82.5

Nominal Performance

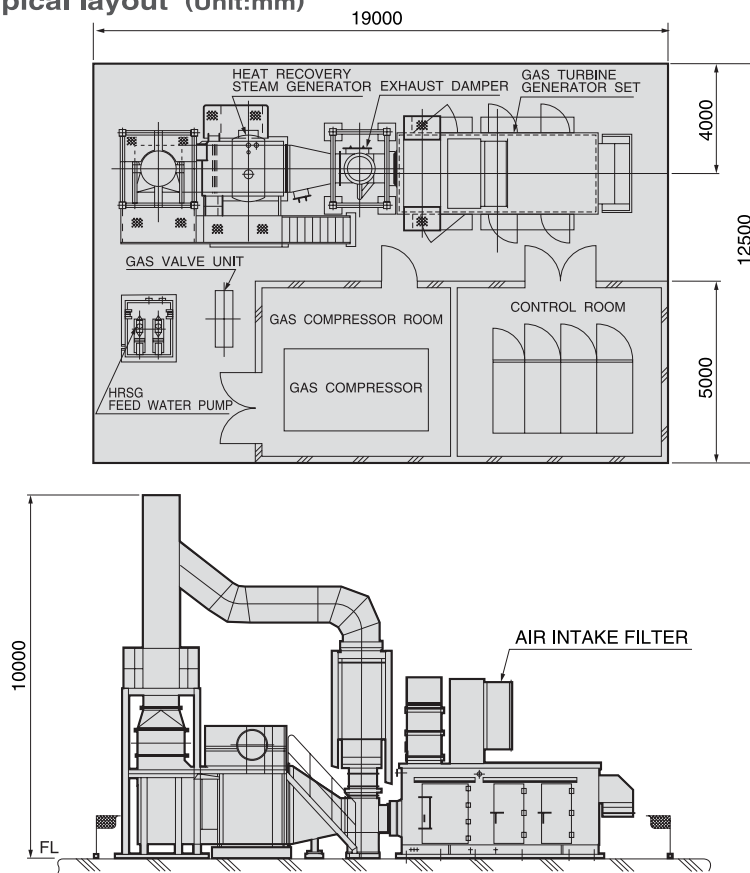
Elevation : 0 m
 Inlet Air Temperature : 15 °C
 Inlet Air Pressure Loss : 0.98 kPa
 Exhaust Gas Pressure Loss : 2.45 kPa
 LHV of Natural Gas Fuel : 35.9 MJ/Nm³
 (100% CH₄)

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

Kawasaki Heavy Industries, Ltd. Gas Turbine Division

Phone: +81-3-3435-2579 Fax: +81-3-3435-2592

Kawasaki Machine Systems, Ltd. (Asia Division)

Phone: +81-3-3435-2977 Fax: +81-3-3435-2592

Kawasaki Gas Turbine Asia Sdn Bhd : (KGA)

Phone: +60-3-7846-2882 Fax: +60-3-7848-3093

www.kga.com.my

Kawasaki Gas Turbine Europe GmbH : (KGE)

Phone: +49-6172-7363-0 Fax: +49-6172-7363-55

www.kawasaki-gasturbine.de

Kawasaki Gas Turbines-Americas : (KGT-A)

Phone: +1-281-970-3255 Fax: +1-281-970-6465

www.kawasakigasturbines.com

Kawasaki Machine Systems, Ltd. (Shanghai Rep.Office)

Phone: +86-21-3366-3500 Fax: +86-21-3366-3505

Kawasaki Heavy Industries Middle East FZE : (KHI-ME)

Phone: +971-4-214-6727 Fax: +971-4-214-6729

Kawasaki Gas Turbines-Americas
(Houston, TX)

Kawasaki Gas Turbine Europe GmbH
(Frankfurt, Germany)

Kawasaki Heavy Industries, Ltd.
(Tokyo, Japan)

Kawasaki Machine Systems, Ltd.
(Shanghai Rep. Office)

Kawasaki Heavy Industries
Middle East FZE
(Dubai, UAE)

Kawasaki Gas Turbine Asia Sdn Bhd
(Shah Alam, Malaysia)

