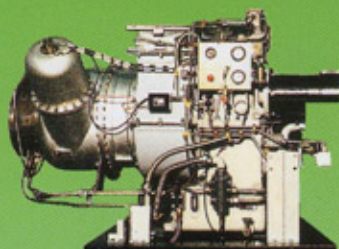


Kawasaki co-generation system



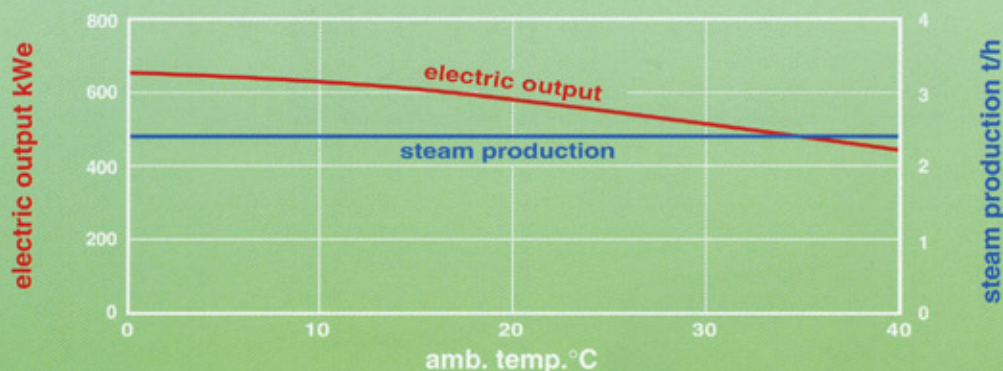
Electric Power 0.6MWe, Steam 3t/h

GPC06

- High efficiency : electric 19%, overall 73%
- Low emissions : NOx 50ppmv, CO 80ppmv (O₂=15%, wet)
- High reliability & easy maintenance



● Nominal Performance (Gas fuel)



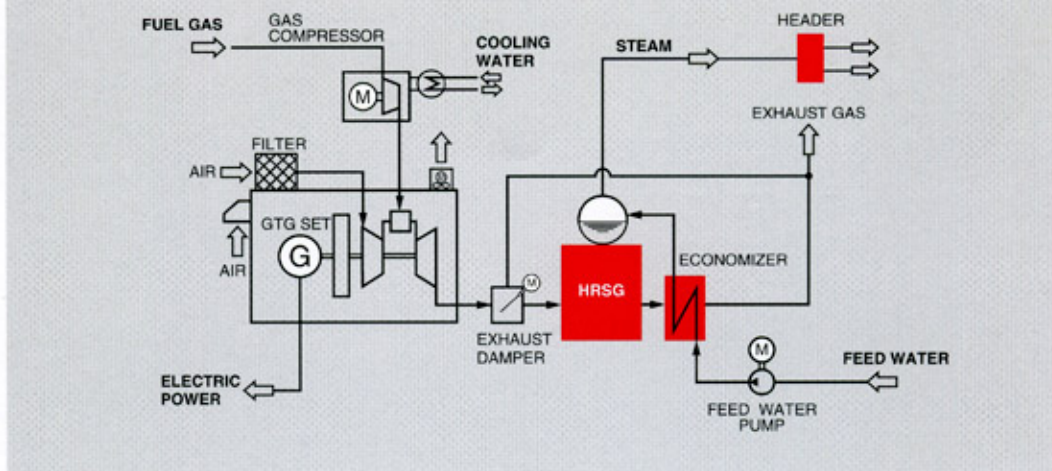
amb.temp.	electric output	fuel consumption	steam production	electrical efficiency	heat recovery efficiency	overall efficiency
°C (°F)	kWe	kJ/s	t/h (kJ/s)	%	%	%
0 (32)	650	3,386	2.43 (1,702)	19.2	50.3	69.5
15 (59)	611	3,231	2.48 (1,737)	18.9	53.8	72.7
30 (86)	509	2,935	2.41 (1,688)	17.3	57.5	74.8
40 (104)	443	2,747	2.36 (1,653)	16.1	60.2	76.3

NOTE)

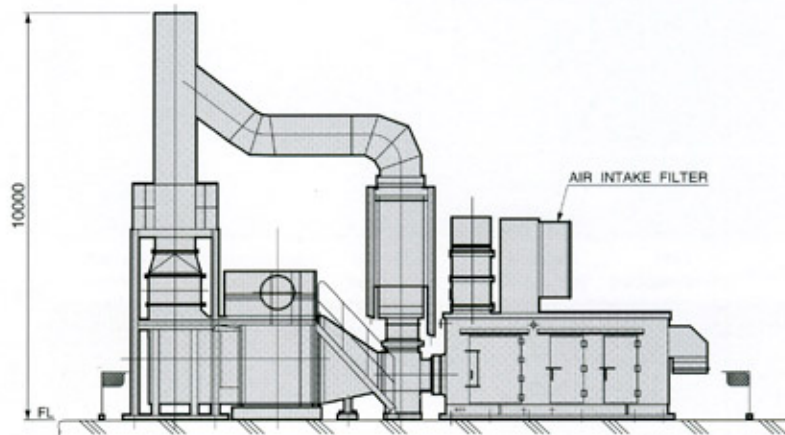
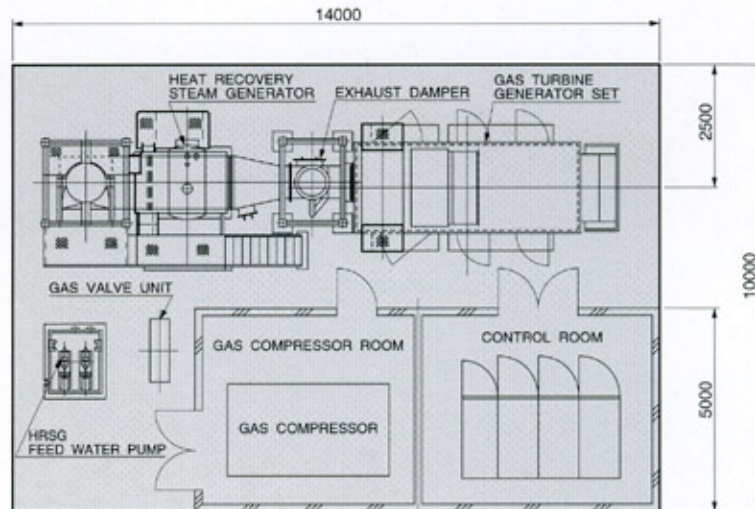
1. Natural gas (LHV=9,940 kcal/Nm³),
Gas pressure at the inlet of gas turbine : 1.27MPaG
2. Sea level, Intake / Exhaust pressure loss : 100/250 mmAq
3. Generator efficiency : 93%
4. Feed water : 60 °C, Steam pressure / temp. : 0.93MPa abs. / saturated
5. No water / steam injection

Kawasaki
CO-GENERATION SYSTEM

● Typical system flow (IN CASE OF GAS FUEL)



● Typical layout (Unit:mm)



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