

GAS TURBINE GENERATOR PACKAGE

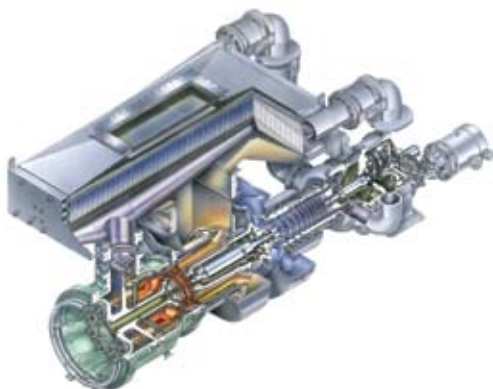
MERCURY 50

TURBINE TYPE: MERCURY 50 (T 6001R)

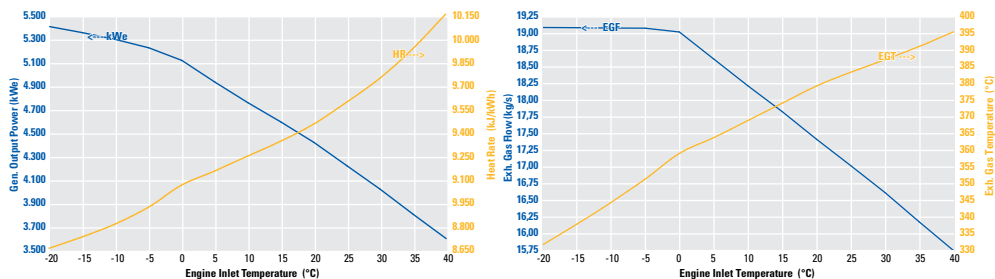
Main data (ISO, no losses)

Electrical power:	MW	4.60
Heat rate:	kJ/kWE-hr	9'400
Fuel input:	MJ/s	11.9
Efficiency:	%	38.5
Exhaust gas flow:	kg/s	17.8
Exhaust gas temp.	°C	374
Fuel:	NG/LBTU	
Start system:	AC	
Gen. Voltage:	kV	6.3 or 11
Comb. Syst. Avail.:	*	DLE

*S = standard combustion system; WI = water injection; DLE = *SoLoNOx*



CORRECTION CURVES



TYPICAL LAYOUT

