Electrical Generation Specifications

MITSUBISHI POWER AERO, LLC, GLASTONBURY, CONNECTICUT, U.S.A. aero.power.mhi.com

MODEL	POWER RATING ISO Base Load (MWe)	GROSS HEAT RATE Lower Heating Value (LHV) (Btu/kWh)	PRESSURE RATIO	NUMBER OF COMBUSTORS	AT ISO BASE LOAD Turbine Inlet Temp. (°C)	Exhaust Flow (lbs/sec)	Exhaust Temp (°F)
MITSUBISHI POWER AERO (50 HZ)							
FT8 SWIFTPAC 60 *	61.6	9,366	3,000	21.3	18	405	922
FT8 SWIFTPAC 30 *	30.7	9,383	3,000	21.3	9	202	922
FT8 MOBILEPAC **	28.5	9,834	3,000	21.2	9	203	924
FT4000 SWIFTPAC 140 ***	140.5	8,431	3,000	37.9	2	808	808
FT4000 SWIFTPAC 70 ***	70.2	8,443	3,000	37.9	1	404	808
MITSUBISHI POWER AERO (60 HZ)							
FT8 SWIFTPAC 60 *	62.1	9,281	3,600	21.3	18	404	916
FT8 SWIFTPAC 30 *	30.9	9,327	3,600	21.3	9	202	916
FT8 MOBILEPAC **	30.9	9,312	3,600	21.3	9	202	916
FT4000 SWIFTPAC 140 ***	144.2	8,209	3,600	37.9	2	808	791
FT4000 SWIFTPAC 70 ***	71.9	8,232	3,600	37.9	1	404	791

Estimates are for natural gas fuel. Zero installation losses
*combustor water injection **combustor water injection, transportable ***combustor water injection, wet compression, inlet fogging

OPRA GAS TURBINES, THE NETHERLANDS

MODEL	POWER RATING ISO Base Load (MWe)	GROSS HEAT RATE Lower Heating Value (LHV) (Btu/kWh)	POWER SHAFT SPEED (RPM)	PRESSURE RATIO	NUMBER OF COMBUSTORS	AT ISO BASE LOAD Turbine Inlet Temp. (°C)	Exhaust Flow (lb/sec)	Exhaust Temp (°C)
OP16-3A	1.88	13,585	26,000	6.7	4	—	19.8	573
OP16-3B*	1.88	13,585	26,000	6.7	4	—	19.8	573
OP16-3C**	1.88	13,585	26,000	6.7	4	—	19.8	573

* DLE combustors NOx <15PPMV ** Ultra low caloric fuel, down to 5 MJ/kg