



Typical Performance

Turbine Performance

Electrical Output:	250kW
Heat Rate:	11,770 BTU/kWh
Electrical Efficiency:	29% LHV
Total System Efficiency:	60 - 70% LHV

Chilled Water Circuit

Capacity:	60 RT
C.O.P.:	0.70
Water Flow:	140 GPM
Inlet/Outlet Temp:	54/44°F

Hot Water Circuit

Heat Input/Output:	1030 - 1500 MBH
Water Flow:	75 - 100 GPM
Inlet/Outlet Temp:	208/185°F

Cooling Water Circuit

Heat Rejected:	1750 MBH
Water Flow	300 GPM
Inlet/Outlet Temp:	85/96°F

Description

The MT250 gas turbine is configured with an internal heat recovery unit to capture heat from the turbine exhaust to produce hot water. The hot water can then be used to fire an absorption chiller, or with a diverter valve, the hot water can be used directly for heating or domestic needs.