

Aegen ThermoPower TP75

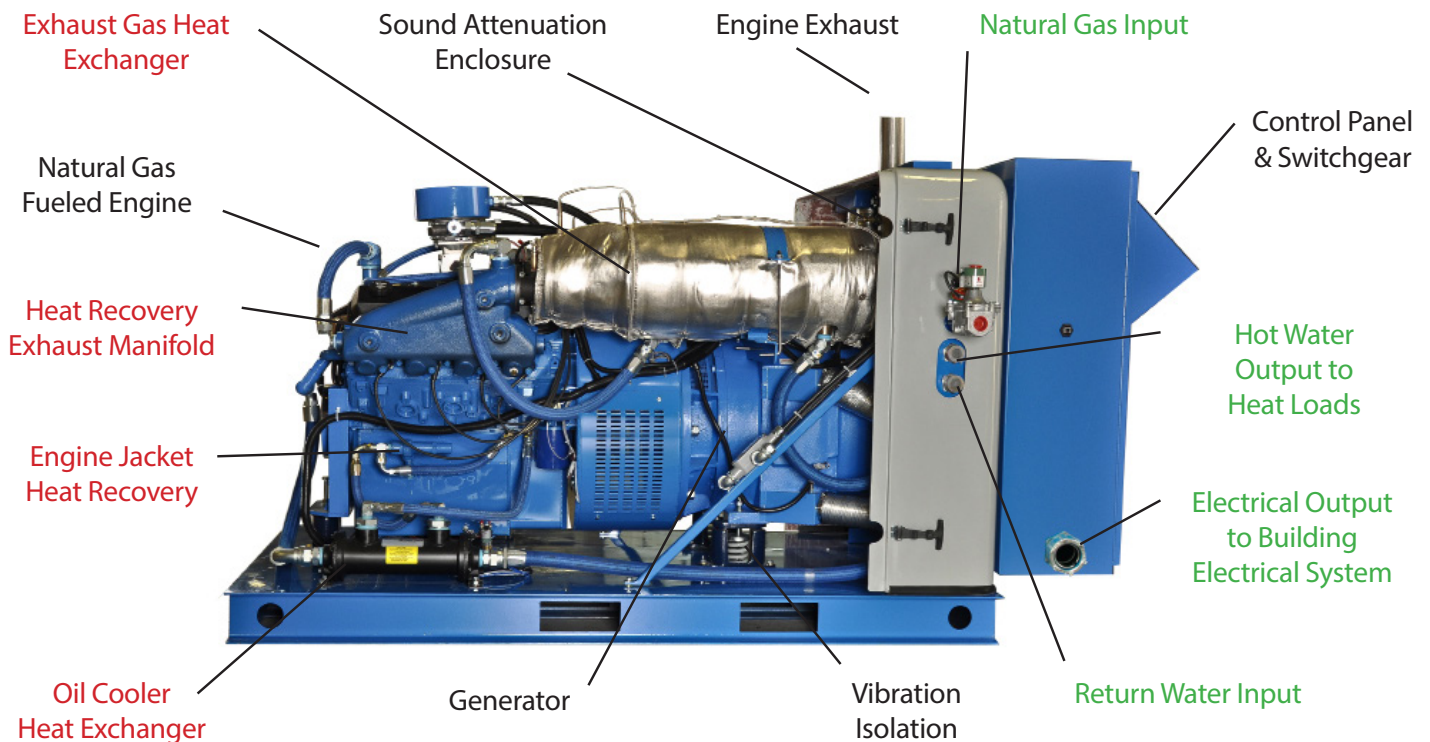
The Energy Machine that Saves You Green.



Operate your building at a fraction of the cost with the Aegen ThermoPower TP75.

Green. Power. Savings.

The AEGEN THERMOPOWER 75 is a low emissions, compact, modular combined heat and power (CHP) system producing 75 kW of power and 5.23 therms of heat per hour. A three-way non-selective catalyst reduction (NSCR) emissions control package includes two catalytic converters, and temperature and oxygen sensors, and controls designed to reduce emissions of nitrogen oxide, carbon monoxide, and hydrocarbons. The CHP module has a natural gas-fired reciprocating engine, induction generator, heat recovery system, sound attenuating enclosure, electrical switchgear, and solid-state controls for automatic and unattended operation. High efficiency heat recovery components consist of an oil cooler, engine jacket for heat transfer, marine type exhaust gas manifolds and exhaust gas heat exchangers. The AEGEN THERMOPOWER 75 operates in parallel with existing mechanical and electrical systems in the facility. The module includes an advanced utility-grade relay (C.S.A., and C.E. listed or certified) for electrical protection and redundancy as standard equipment.



Aegen ThermoPower TP75

The Energy Machine that Saves You Green.

Important Specifications	
Electrical Power Output	75kW
Thermal Output	523,000 BTU/Hour
Gas Input	930 Standard cubic feet per hour (scfh)
Required Gas Pressure	6" - 14" water column
Efficiency	82.1% at HHV of 1,020 BTU/SCF
Max Output Water Temperature	230°F
Weight	3,050 pounds
Suspension	Vibration isolation mounts
Dimensions	46" width x 96" length x 49" height
Acoustic Level (enclosed)	70 dba @ 20'
Output Voltage	208 V & 460 V nominal, 3 Phase, 3-wire
Emissions	Aegen ThermoPower model meets stringent air quality standards and requirements.

Features

- Reliable, proven, EPA-recognized technology
- Highly efficient
- Environmentally sound with low emissions
- Quiet operation
- Modular – scaleable into larger systems
- Compact – easily fits in most buildings
- Indoor or outdoor installation (with enclosure)
- Ease of installation – no business disruption
- Remote monitoring and control
- Digital display and user-friendly interface
- Induction-based technology
- Infinite system life with maintenance program
- Electric and thermal load following
- Modbus compatible for networking with building automation systems
- Reliable, proven, EPA-recognized technology
- NYSERDA approved
- Installed by Aegis Energy Services with 29 years experience and proven track record of 500 CHP systems