



ThermoPower TP-75

Power to Save

ThermoPower: The most powerful CHP in its class

Taking center stage on the Aegis product line is the induction-based ThermoPower TP-75 Combined Heat and Power (CHP) system. With its EPA-certified natural gas-fueled engine, the TP-75 offers dynamic operational efficiency that reduces utility costs by up to 50% while significantly decreasing greenhouse gases. With this breakthrough efficiency, the ThermoPower TP-75 generates dramatic utility cost savings, resulting in total return on investment within 3–7 years.



Monitored



Green



Energy Savings

Features

- EPA-certified natural gas-fueled engine, conforming with the Clean Air Act
- Highly efficient cogeneration systems applicable for all building types
- Innovative and intuitive HMI displays and interfaces
- 24/7 remote operational monitoring
- Operates individually or in combination with existing mechanical and electrical systems
- Maintenance program available to ensure system longevity
- Integrates in conjunction with other renewable energy sources and microgrid applications
- Acts as a load following electric and thermal power plant
- Modbus networking capability BACnet Profibus
- Field-evaluated to UL 2200 and 1741 compliance standards
- Utility grade electrical protection relay as standard equipment



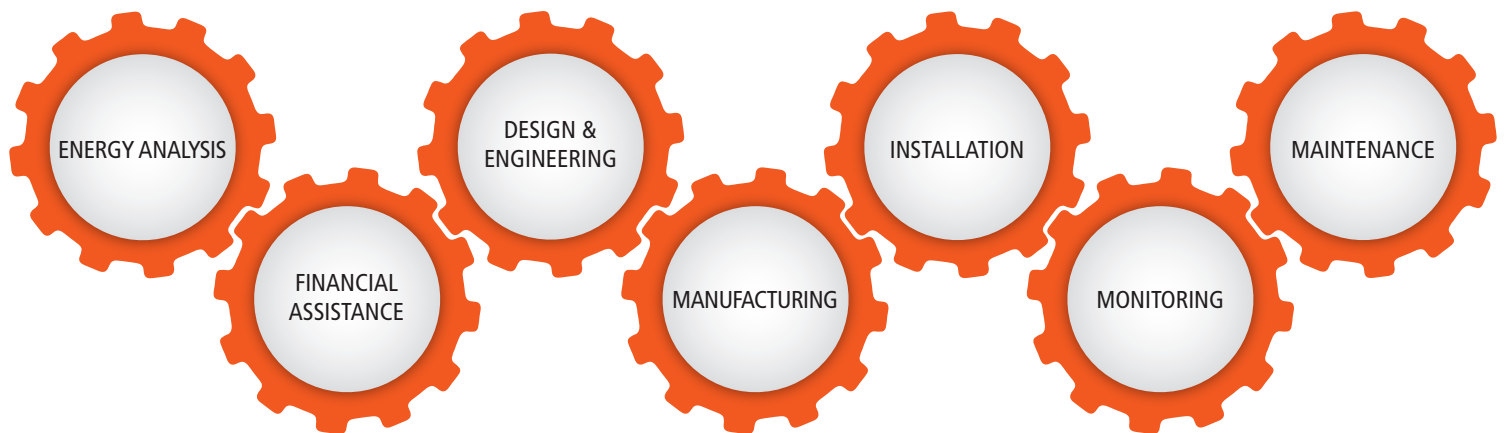
Contact Aegis today at 877.903.5170
to start your savings analysis!

TP-75 Specifications

Electrical Output	75kW
Thermal Output	523,000 BTU/Hour
Gas Input	930 standard cubic feet per hour (SCFH)
Required Gas Pressure	4"–14" WC
Overall Efficiency	82.1% at HHV of 1,020 BTU/SCF
Max Output Water Temperature	230° F
Max Return Water Temperature	180° F
Weight	3,450 pounds
Dimensions of Module	89"l x 46"w x 49"h
Acoustic Level	70 dBA @ 20'
Output Voltage	208V or 460V nominal, 3-phase, 3-wire
Emissions	Aegis ThermoPower TP-75 model meets EPA and state applicable air quality standards and requirements
Engine	EPA-Certified, V8 natural gas engine
Standby Capacity	75kW/100kVA

The Aegis Advantage

Unlike many other CHP providers in the industry, Aegis provides a single source of accountability. Immersed in your project beginning with consultation and concept, you can count on Aegis to maintain the same level of responsiveness and commitment through to construction, completion and beyond. No outsourcing of engineering, manufacturing or maintenance or expertise of any kind.



Aegis Energy is now a subsidiary of EDF Group, a global leader in low-carbon energy.



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