

Power to Save



Monitored



Green



Energy Savings

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.

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



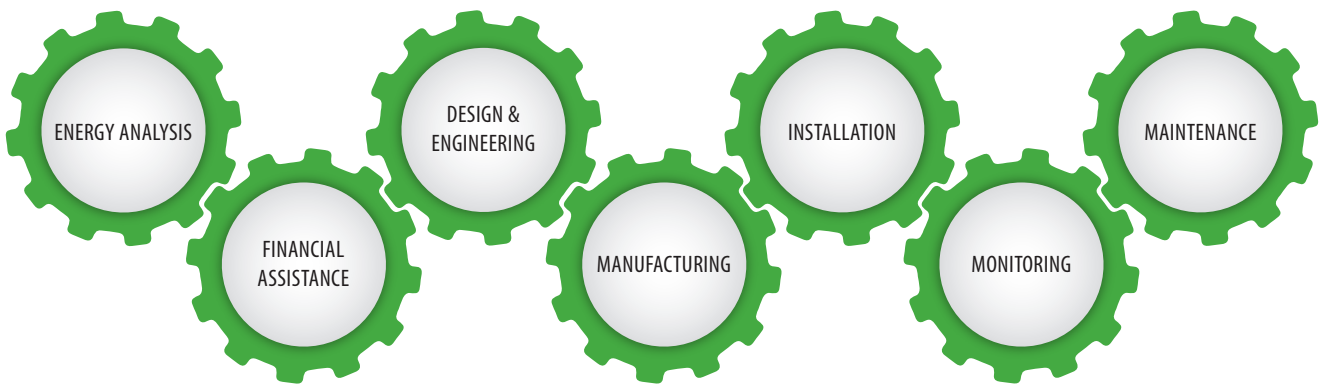
**Contact Aegis today at 877.903.5170
to start your savings analysis!**

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 | 98"l x 54"w x 48"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 |

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.



NYSERDA

