Packaged Combined Heat & Power (CHP) System

Pre-Engineered Packaged Generator with Heat Reclaim and/or Cooling

Green | Pre-Engineered | Flexible | Compact | Easy Installation

Packaged Generator with Integrated Heat Recovery Components / Controls

- Lower Emissions, Heat Recovery
- Qualifies for LEED Credits
- Provided with either Process Heat Exchanger or Chiller

Outdoor Packages
- Ships in 2 sections for ease at site installation
- Standard enclosure or ISO container
- Low sound output
- Large access doors and removable panels for easy service access
- Overhead trolley beams for removal / replacement of major overhaul components
- Ventilation system with thermostatically speed controlled fans
- Internal lights

Indoor Packages
- Ships in 3 major sections for field installation
  - Generator
  - Packaged CHP Skid
  - Remote Mounted Radiators

- Meets EPA and local exhaust emission requirements
- Control and monitoring package for performance validation
- Synchronization with utility for base loading, peak shaving, power export
- Complete factory run testing, per NFPA 110
- Full 1 year parts and labor warranty
- Operation and maintenance policies available
- Acquire as financed purchase, lease or turnkey installation

Alban Engine Power Systems  •  www.albancat.com  •  800-443-9813
6387 Old Washington Road  •  Elkridge, MD 21075
Packaged Combined Heat & Power (CHP) System

**Technical Data - Outdoor Packages**

<table>
<thead>
<tr>
<th></th>
<th>Units</th>
<th>Model 1660</th>
<th>Model 2050</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Heat Production</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electric Power</td>
<td>eKW - MMBTU/HR *</td>
<td>1,660 - 5.665</td>
<td>2,055 - 7.013</td>
</tr>
<tr>
<td>Process Heat</td>
<td>MMBTU/HR @ ºF</td>
<td>7.095 @ 225</td>
<td>9.663 @ 223</td>
</tr>
<tr>
<td>Fuel Input</td>
<td>SCF/Hr - MMBTU/HR **</td>
<td>17,303 - 15.659</td>
<td>22,608 - 20.459</td>
</tr>
<tr>
<td>Total System</td>
<td>% Efficiency</td>
<td>81.49</td>
<td>81.51</td>
</tr>
<tr>
<td><strong>Chilled Water Production</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electric Power</td>
<td>eKW - MMBTU/HR *</td>
<td>1,660 - 5.665</td>
<td>2,055 - 7.013</td>
</tr>
<tr>
<td>Cooling (approximate)</td>
<td>Tons - MMBTU/HR ***</td>
<td>534 - 6.408</td>
<td>695 - 8.34</td>
</tr>
<tr>
<td>Fuel Input</td>
<td>SCF/Hr - MMBTU/HR **</td>
<td>17,303 - 15.659</td>
<td>22,608 - 20.459</td>
</tr>
<tr>
<td>Total System (approximate)</td>
<td>% Efficiency</td>
<td>77.1</td>
<td>75.0</td>
</tr>
</tbody>
</table>

* Does not include parasitic loads
** Based on ISO3046/1 with pipeline natural gas with LHV=905 BTU/SCF
*** Based on 54 to 44 ºF evaporator and 85 to 95 ºF condenser. Does not include power for chilled water and condenser water pumps, cooling tower fans and pump.