

TECOCHILL® Gas Engine Driven Chillers

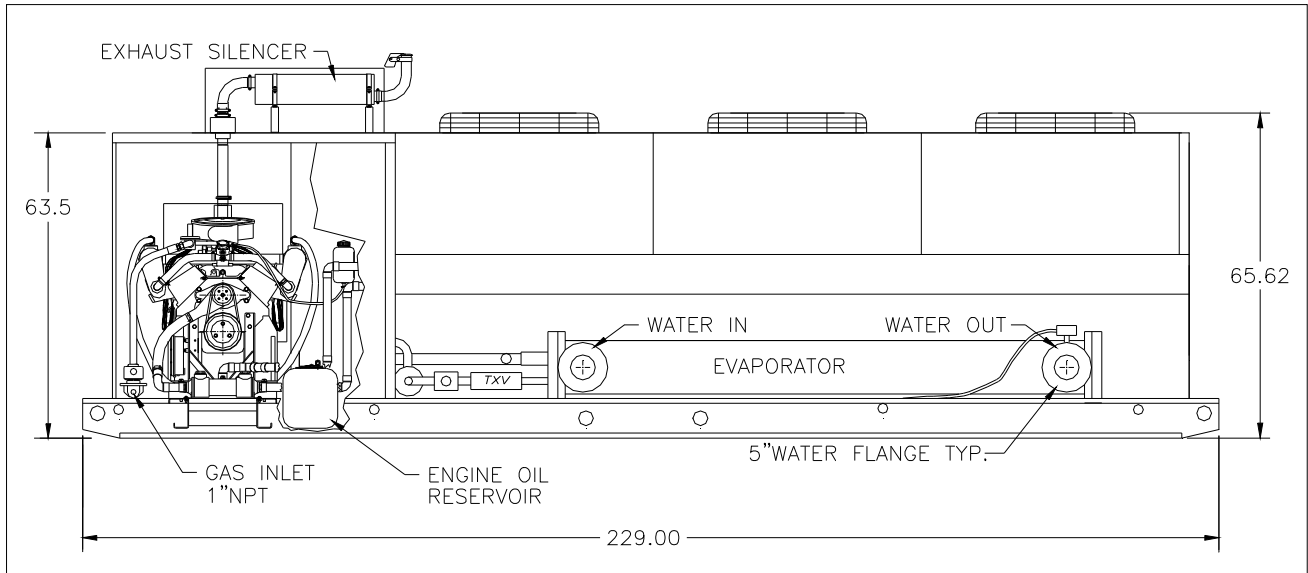
RT Series—50 to 65 Tons Packaged Air-Cooled Chiller

Key Features & Options

- TecoDrive 7400™ Natural Gas Engine
- 6 Cylinder Open-Drive Reciprocating Bitzer Compressor
- Footprint of 18'4"L x 7'11"W x 5'6"H
- Combines variable engine speed operation with compressor cylinder unloading to provide capacity modulation from 30% to 100% of load
- Low ambient control option is available for operation below 50°F
- Low-speed fan option available
- TecoNET™ Microprocessor-based Control System with Handheld Display for fully automatic operation, continuous system monitoring, digital display, fault diagnostics, and tie-in to an energy management system
- Remote Monitoring and Control System (RMCS) that permits remote real-time monitoring, data acquisition, and system control by telephone
- Up to 55 kW of electric demand savings over comparable electric condensing units/chillers



Tecogen's RT Series Gas Engine-Driven chillers provide a reliable economic answer for packaged Air-Cooled applications for as little as one-third the operating cost of electric chillers. The entire TECOCHILL® line of environmentally friendly products is manufactured in the U.S.A.



| <i>Specifications¹:</i> | <i>CH-50 ACP</i> | <i>CH-65 ACP</i> | <i>CU-50</i> |
|---|--|--------------------------|--------------------------|
| Full Load Output: (Tons @ 95 °F Amb) | 50 | 63 | 58 |
| Fuel Input (Full Load): (SCFH) | 566 | 716 | 594 |
| Fuel Pressure: | 7" - 14" WC | 7" - 14" WC | 7" - 14" WC |
| Heat Recovery: (BTU/HR) | 175,000 | 207,000 | 183,000 |
| Efficiency: (COP at Full Load ²) (IPLV ²) | 1.0 1.3 | 1.0 1.3 | 1.2 1.4 |
| Acoustic Level: (dba at 3 meters at Full Load) | 78 | 78 | 78 |
| Operating Weight: (Lbs) | 8300 | 8600 | 6900 |
| Refrigerant: | R-22 | R-22 | R-22 |
| Chilled Water Flow: (gpm) | 120 | 151 | N/A |
| Chilled Water Supply Temp: (°F) | 44 °F | 44 °F | N/A |
| Saturated Suction Temp: (°F) | N/A | N/A | 45 °F |
| Dimensions: | 18'4" long x 7'11" wide x 5'6" high | | |
| Electrical Requirement: | 208-230 / 460 12 kW 3-phase/3-wire 50 / 60 Hz | | |
| Controls: | <ul style="list-style-type: none"> - Microprocessor based - Fully automatic start-up, monitoring, load following, and shut-down - Programmable setpoints, diagnostics, digital display, remote monitoring | | |

NOTES:

1. Specifications subject to change without notice, all specifications are $\pm 5\%$.
2. COP ratings are based upon Fuel Higher Heating Value (HHV) @ 1020 BTU/SCF

TECOGEN  **TECOHILL®**
TECOGEN®
 Natural Gas Engine-Driven Products  **TECOFROST™**

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