

TECOCHILL® Gas Engine Driven Chillers

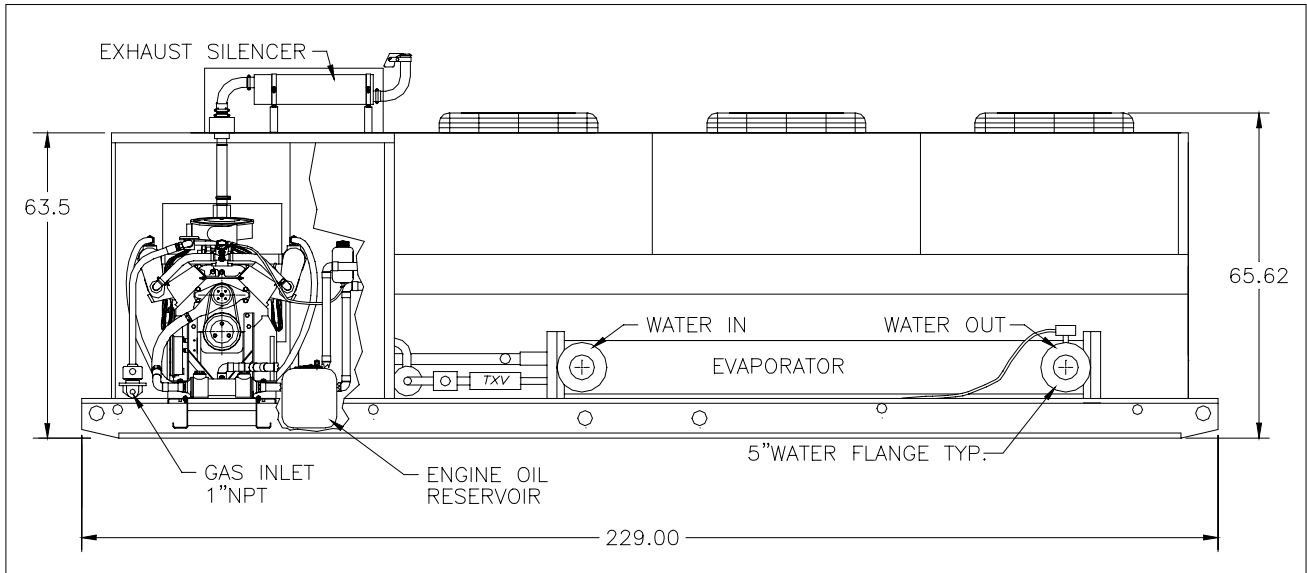
RT Series—50 to 65 Tons Packaged Air-Cooled Chiller

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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