

TECOCHILL[®] Gas Engine Driven Chillers

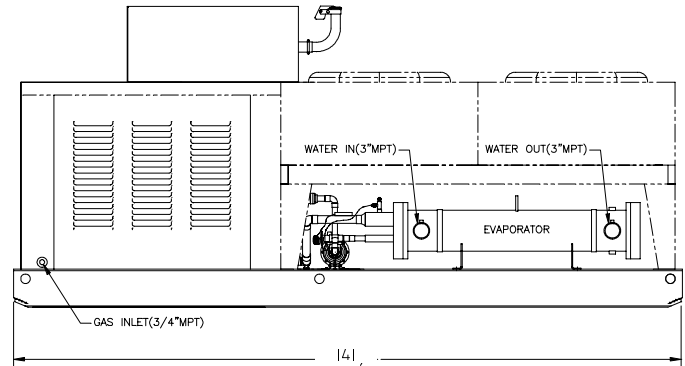
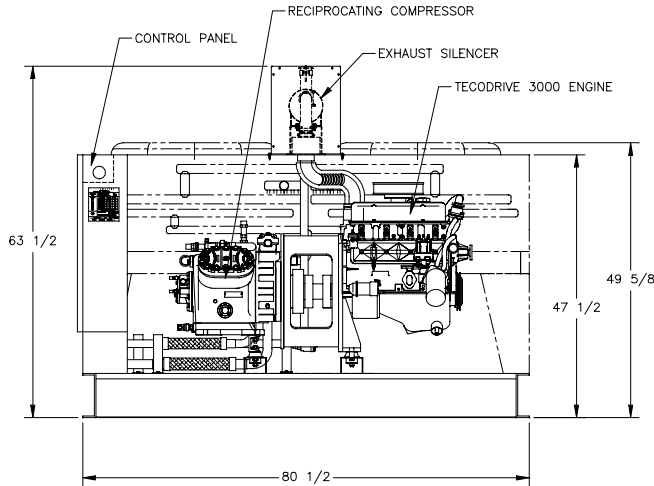
RT Series CH/CU-25 Packaged Air-Cooled Chiller

Key Features & Options

- TecoDrive 3000™ 3.0 Liter Inline Natural Gas Engine
- 4 Cylinder Open-Drive Reciprocating Bitzer Compressor
- Four (4) 24" Fans
- Footprint of 11'9"L x 6'9"W x 5'4"H
- Combines variable engine speed operation with compressor cylinder unloading to provide capacity modulation from 20% to 100% of load
- Low ambient control option is available for operation below 50° F
- 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
- Only Single-Phase Power Required
- Complies with California Emissions Standards



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-25 ACP</i>	<i>CU-25</i>
Full Load Output: (Tons @ 95 °F Amb)	25	29
Fuel Input (Full Load): (SCFH)	303	310
Fuel Pressure:	7" - 14" WC	7" - 14" WC
Heat Recovery: (BTU/HR)	95,000	99,300
Efficiency: (COP at Full Load ²) (IPLV ²)	0.97 1.3	1.1 1.4
Acoustic Level: (dbA at 3 meters at Full Load)	81	81
Rigging Weight: (Lbs)	3000	2650
Refrigerant:	R-22	R-22
Chilled Water Flow: (gpm)	60	N/A
Chilled Water Supply Temp: (°F)	44 °F	N/A
Saturated Suction Temp: (°F)	N/A	45 °F
Dimensions:	11'9" long x 6'9" wide x 5'4" high	
Electrical Requirement:	3.5 kW 208 - 230V/1/60, 21 amps 208 - 230V/3/60, 16 amps 460 V/3/60, 8 amps	
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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