



# Trane Cold Generator™

Scroll Chillers

CGWR Series



# Scroll Chillers CGWR Series

Trane® Cold Generator™ scroll chillers are a highly efficient, water cooled comfort and process cooling solution. Maintenance friendly design elements and high efficiency components make them a smart choice for your building's cooling needs.

## CGWR Series Highlights

Cold Generator scroll chillers offer a wide range of features and sizes that allow you to configure device specifications to meet your needs.

- 5 sizes- 20, 30, 40, 50, and 65 tons
- Scroll compressors
- Brazed plate evaporators
- Shell and tube condenser
- AHRI® and ETL/ETLc certified
- Forklift pockets and hoisting provisions



The advanced digital controls include BACnet® IP and Modbus® Building Management System (BMS) interfaces as standard. LonTalk®, Johnson Controls N2® and BACnet® MS/TP are available with an optional interface.

## Dependable Performance

The Cold Generator scroll chiller CGWR series features highly efficient scroll compressors, shell and tube condensers and brazed plate evaporators. These components were specially designed together to optimize performance for a wide range of conditions.

In addition to enhancing efficiency, advanced digital control technology also promotes reliability with fault avoidance strategies and stability control for peripherals, including: water regulating valves, cooling tower Variable Frequency Drive (VFD) fan, and condenser pump power cycling.

## Optional Chiller Features

Additional factory installed options to tailor your chiller selection include:

- Ice building control
- Full sound attenuation enclosure or compressor wrap
- Through the door, non-fused disconnect
- Condenser water regulating valve
- Power monitor
- 100kA SCCR
- 15.4" Touchscreen display

## CGWR Scroll Chiller

Trane Cold Generator Scroll Chiller CGWR Series is available in 5 sizes, 20, 30, 40, 50, and 65.



## 15.4" Color Touchscreen Display

New optional touchscreen display allows installers and maintenance personnel to service without use of laptop with all the benefits of the laptop, including all advanced features.



## Singular Solution

The readily accessible and mechanically cleanable shell and tube condenser design makes the Cold Generator Scroll Chiller CGWR Series a uniquely suitable solution for sensitive open water loop and cooling tower applications.



### **Diminish Downtime**

Trane Cold Generator™ CGWR Series scroll chillers feature dual independent refrigerant circuits on the 40, 50 and 65 ton models. This prevents full capacity loss in the event of a compressor failure. All models have single point chiller water and single point condenser water connections.

### **Superior Replacement**

With a reduced footprint, quieter operation and more advanced controls than legacy chillers in their capacity range, Cold Generator CGWR Series scroll chillers are an ideal solution for replacement applications.

### **Streamlined Installations**

All units are factory assembled, complete with all refrigerant piping and electrical wiring. They are charged with refrigerant and factory run tested to ensure a smooth, problem free start-up. Units ship ready to be installed, and their single point power connection provides fast and easy field wiring.

Forklift pockets and hoisting provisions are standard to simplify installation.

### **Building Information**

Modeling (BIM)Trane has the BIM objects to support your building design. Pre-populated physical and performance data unique to each product configuration save time, increase accuracy and simplify the construction process.



### **Doorway Designed**

All units in the Trane Cold Generator scroll chiller family of products were specifically scaled to fit through a standard doorway, ensuring fast and easy delivery and installation.

Learn more at [trane.com/coldgenerator](https://trane.com/coldgenerator)



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit [trane.com](https://trane.com) or [tranetechnologies.com](https://tranetechnologies.com).

*All trademarks referenced in this document are the trademarks of their respective owners.*

© 2020 Trane. All Rights Reserved.

CG-SLB030-EN  
06/04/2020