



# Trane Cold Generator™

Scroll Compressor Chillers

CCAR Series



# Scroll Compressor Chillers CCAR Series

Trane® Cold Generator™ CCAR Series scroll compressor chillers are a highly efficient comfort and process cooling solution. Maintenance friendly design elements and high efficiency components make them a smart choice for split system applications.

## Optional Chiller Features

Additional factory installed options to tailor your chiller selection include:

- Ice making capabilities
- Full sound attenuation enclosure or compressor blankets
- Through the door, non-fused disconnect
- Power monitor
- 100 kA control panel SCCR
- 15.4" Color touchscreen display

## CCAR Series Highlights

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

- 5 sizes, from 20 to 65 tons
- Scroll compressors
- Brazed plate evaporators
- ETL and 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 Compressor Chiller CCAR series features highly efficient scroll compressors 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: condenser fan cycling, condenser low-ambient damper actuators, and fan motor Variable Frequency Drives (VFD).



## CCAR Scroll Compressor Chiller

Trane Cold Generator Scroll Compressor Chiller CCAR Series is available in 5 sizes: 20, 30, 40, 50, and 65 tons



## Remote Condenser

The Cold Generator scroll compressor chiller CCAR series is a split system cooling solution designed for use with Trane model CAUJ remote air cooled condenser, available in 20 to 120 ton capacities.



### **Diminish Downtime**

Trane Cold Generator™ CCAR Series scroll compressor chillers with remote condensing features dual independent refrigerant circuits on the 40, 50 and 65 ton models. This prevents full capacity loss in the event of a compressor failure.

### **Superior Replacement**

With a smaller footprint, quieter operation and more advanced controls than legacy chillers in their capacity range, Cold Generator CCAR Series scroll compressor chillers with remote condensing are an ideal solution for replacement applications.

### **Streamlined Installations**

All units are factory assembled and wired including charging ports, expansion valves, sight glasses and solenoid valves. They are factory run tested to ensure a smooth, problem free start-up and then charged with dry nitrogen. 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 for a simplified 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-SLB031-EN  
06/04/2020