



Trane® Air-Cooled Chiller

Model CGAM

A quiet, reliable air-cooled chiller with the lowest installed cost

Introducing the Trane® CGAM Air-Cooled Scroll Chiller—where flexibility, efficiency, and low noise converge to deliver unparalleled performance for your commercial HVAC needs. Designed to meet diverse applications with sizes ranging from 20 to 130 tons, the CGAM chiller offers multiple levels of efficiency to comply with local codes, ensuring optimal energy usage and sustainability. With sound levels significantly lower than typical fixed-speed helical rotary chillers, and additional noise reduction options, the CGAM is the ideal solution for environments requiring ultra-quiet operation. Experience the perfect balance of sound and efficiency for your small jobs with Trane's innovative CGAM chiller.



Ultra-Quiet Operation for Peaceful Environments

The CGAM chiller consistently delivers sound levels five to eight decibels lower than typical fixed-speed helical rotary chillers, ensuring a quieter environment. Factory-installed attenuation can achieve an additional three-decibel reduction, making it ideal for noise-sensitive settings like schools, hospitals, and residential areas.



Energy Efficiency with Partial Heat Recovery and Thermal Storage

The CGAM chiller's partial heat recovery option redirects heat from the condenser through a factory-installed heat exchanger, efficiently dehumidifying buildings or pre-heating laundry and pool water in hotels. The thermal storage system uses ice made at night to cool buildings during the day, reducing energy costs.



Factory-Installed Reliability and Remote Connectivity for Optimal Performance

The CGAM chiller features factory-installed options like a dual high head pump package, buffer tank for redundancy and precise temperature control. The Symbio® 800 unit controller remotely monitors, troubleshoots, and controls the chiller 24/7, maximizing efficiency and uptime with secure IP connectivity and optional wireless technology.

Capacity range	20-130T
Operating Map	Cooling: Chilled fluid 0 °F to 65 °F; -20 °F to 125 °F ambient Heating: Heat recovery up to 140 °F
Compressor	Scroll with variable volume ratio
Refrigerant	Next-gen, low-GWP R-454B
Controls	Symbio® 800

Thermal Energy Storage Systems

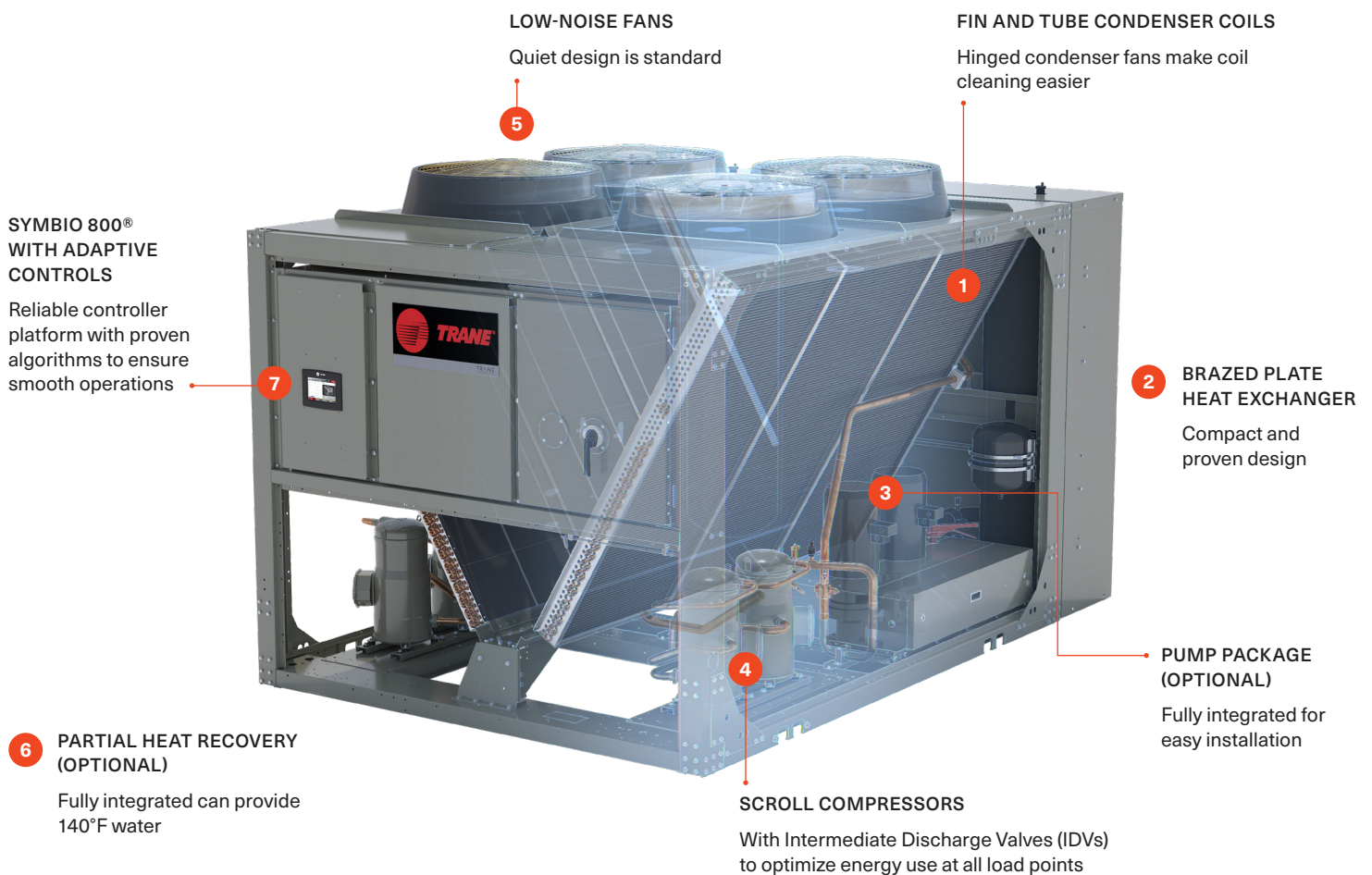
Trane's CGAM air-cooled chiller seamlessly integrates with Thermal Energy Storage systems to reduce operating costs, shift building loads, and boost efficiency. Take control of energy use and support decarbonization with fast, prepackaged installation and smart controls.

Symbio® Equipment Controller

The Symbio controller, factory-installed on the Air-Cooled CGAM chiller, enables communication, efficiency, remote access, and integration with building automation systems.

Service & Support

Trane manages and services buildings and equipment with over 3,000 experts, offering end-to-end support, service agreements, user support, and intelligent services.



→ **Discover the future of efficient heating and cooling.**
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