

80 TON Air-Cooled Scroll Chiller



Final site requirements including power availability, connection sizing, placement clearances, and temporary piping configurations should be reviewed by HMS prior to deployment.

COMPRESSOR DATA

Compressor Quantity	4
Compressor Type	Scroll Compressors
Compressor Configuration	Dual Refrigerant Circuit Design
Compressor Capacity Control	Staged Scroll Compression
Compressor Refrigerant	R-410A

CONDENSER FAN DATA

Fan Quantity	6
Fan Type	Axial Condenser Fans
Fan Operation	Variable Fan Staging
Condenser Coil Type	Air-Cooled Condenser Coil

REFRIGERANT INFORMATION

Refrigerant Type	R-410A
Refrigerant Circuits	2
Refrigerant System	Dual Circuit Design
Refrigerant Technology	High Efficiency Scroll Chiller Design

OPERATING FEATURES

Ambient Operating Range	Designed for operation in ambient temperatures up to 125°F.
Cooling Application	Comfort Cooling and Process Cooling Applications
Heat Recovery Compatibility	Available with Partial Heat Recovery Configurations.
BAS Compatibility	BACnet® and LonTalk® Compatible Controls Available.

DIMENSIONS & WEIGHT

Length	177 Inches
Width	89 Inches
Height	93 Inches
Operating Weight	5,626 lbs

HMS RENTAL FEATURES

Rapid Deployment
Designed for emergency response and temporary cooling applications.

Trailer Mounted Configuration
Configured for transportation and simplified setup.

Temporary HVAC Compatibility
Compatible with temporary pumps, hoses, and air handlers.

Critical Facility Support
Ideal for planned shutdowns, supplemental cooling, and emergency outages.

HMS Support

Supported by Hoffman Mechanical Solutions service teams.

TYPICAL APPLICATIONS

Emergency Cooling
Planned Shutdowns
Supplemental Cooling
Commercial Buildings
Manufacturing Facilities
Process Cooling
Data Centers
Healthcare Facilities

Trane 80 Ton Air-Cooled Scroll Chiller

Manufacturer	Trane
Model	CGAM080
Cooling Capacity	80 Tons
Equipment Type	Air-Cooled Scroll Chiller
Configuration	Trailer Mounted
Refrigerant	R-410A
Voltage	460V / 3PH / 60Hz
Compressor Type	Scroll Compressors
Condenser Fans	6
Controller	Adaptive Frequency™ Microprocessor Controls
Installation Type	Outdoor Installation
Application	Temporary Cooling Emergency HVAC Process Cooling