



Air Cooled Scroll Chillers

High efficiency and quiet operation at an affordable price

Daikin McQuay air cooled scroll chillers have the performance and features typical of larger, more expensive chillers. These 25 to 190-ton chillers provide big benefits for small to mid-sized buildings.

Efficient – Exceeds ASHRAE Standard 90.1. See EERs on back page for full & part load ratings.

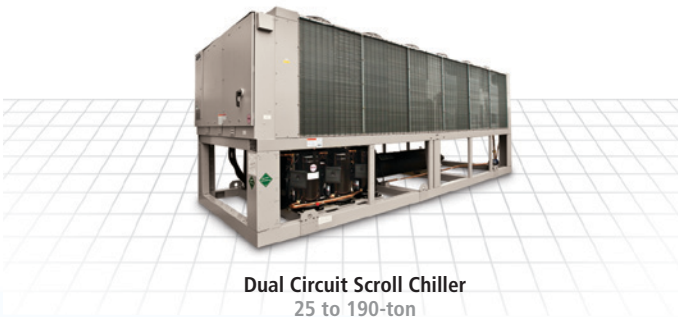
Quiet – Sound pressure ratings as low as 60 dBA, without any optional acoustic treatment.

Ideal for Retrofit – Compact unit footprint can save installation space and costs.

Responsible Refrigerants – These 25 to 190-ton chillers use R-410A, which has no ozone depletion potential and no phase-out schedule.

Easy to Integrate – Our Open Choices™ feature allows the unit controls to easily integrate with your choice of building automation system using LonTalk®, BACnet® or Modbus® open protocols.

LEED® Points – All dual circuit models qualify for LEED EAC – 4 for Enhanced Refrigerant Management worth 2 points.



Daikin McQuay Air Cooled Scroll Chillers are the smart, affordable choice for small to mid-sized buildings.

Options to exactly meet your requirements

Environments
High ambient kit, for operation from 105 to 125 °F (40 to 52 °C)
Low ambient kit, down to -10 °F (-23 °C)
Condenser coil options for enhanced durability in seacoast environments: copper fins or Electrofin™ and Blackfin™ coatings
Efficiency
Ice storage capability to reduce operating costs
Hot gas bypass for low load operation, down to 10%
Fan VFD control for enhanced part load efficiency
Quiet
Compressor sound reduction package for ultra sound-sensitive projects
Flexible Installation
Pump packages for reduced installation costs and time
Remote evaporator for keeping all chilled water piping within the building
Serviceability
Phase voltage monitor senses and avoids undesirable electrical conditions

Engineered for flexibility and performance™

Daikin McQuay Air Cooled Scroll Chillers Technical Specifications

Model	Capacity Tons @ ARI	Full Load EER	IPLV	Dimensions – inches (L x W x H)	Sound Pressure dBA without acoustical treatment ¹	Sound Pressure dBA with acoustical treatment ¹	Refrigerant Circuits
AGZ							
025D	27.3	9.6	14.6	95 x 88 x 101	60	58	2
030D	31.6	9.6	14.7	95 x 88 x 101	60	58	2
035D	34.9	10.0	15.2	95 x 88 x 101	60	58	2
040D	37.9	10.1	15.5	95 x 88 x 101	61	58	2
045D	42.6	10.3	15.6	95 x 88 x 101	62	60	2
050D	48.1	10.1	15.5	95 x 88 x 101	63	60	2
055D	51.6	10.0	15.4	95 x 88 x 101	64	60	2
060D	56.1	9.8	15.5	95 x 88 x 101	64	60	2
065D	58.1	10.3	15.5	95 x 88 x 101	64	60	2
070D	64.1	9.7	15.4	95 x 88 x 101	65	60	2
075D	73.1	10.0	15.4	135 x 88 x 101	65	61	2
080D	81.1	9.8	15.4	135 x 88 x 101	66	61	2
090D	89.2	9.8	15.4	135 x 88 x 101	66	61	2
100D	99.8	9.6	15.1	135 x 88 x 101	67	61	2
110D	106.1	9.8	15.4	174 x 88 x 101	67	61	2
125D	117.1	9.8	15.4	174 x 88 x 101	68	61	2
130D	129.6	9.6	15.2	174 x 88 x 101	68	62	2
140D	136.2	10.2	15.4	219 x 88 x 101	69	63	2
160D	153.3	10.0	15.6	219 x 88 x 101	70	64	2
180D	172.2	9.6	15.2	219 x 88 x 101	70	64	2
190D	180.1	10.1	15.4	257 x 88 x 101	70	64	2

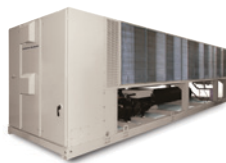
1. Measured at 30 ft from the side of the unit

Make it a Daikin McQuay System for Optimum System Performance and Reliability

STEP ONE: Choose an Air-Cooled Chiller



Dual Circuit Scroll Chiller
25 to 190-ton



Pathfinder™ Chiller with VFD
150 to 530-ton

STEP TWO: Choose a Daikin McQuay Air Handler or Terminal Unit



Vision™, Vision™ Plus Air Handler
900 to 100,000 cfm



Skyline™, Skyline™ Plus Air Handler
900 to 65,000 cfm



Destiny™ Indoor Air Handler
600 to 15,000 cfm



RoofPak™ Outdoor Air Handler
4000 to 50,000 cfm



Unit Ventilators
750 to 2,000 cfm



Fan Coil Units
200 to 3,000 cfm

McQuay®
International

a member of **DAIKIN** group

For more information about Daikin McQuay Scroll Chillers, contact your Daikin McQuay representative. To find a Daikin McQuay representative near you, visit www.daikinmcquay.com.

800.432.1342
www.daikinmcquay.com



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