

McQuay Air-Cooled Chillers – 10 to 180 tons

High Efficiency And Quiet Operation At An Affordable Price

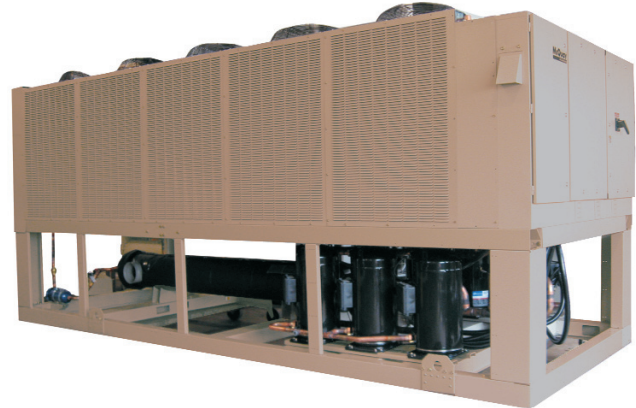
McQuay air-cooled scroll compressor chillers are the complete, factory-assembled solution for your HVAC requirements. Our 10 to 180-ton chillers are efficient, quiet, reliable and loaded with features at an affordable price. And they incorporate time and money saving controls to make even the smallest project come off without a hitch.

Benefits for Every Building

- **Efficient** – Meets or exceeds ASHRAE Standard 90.1. Up to 10.0 EER at full load, and up to 14.5 EER at part load (IPLV).
- **Quiet** – Sound pressure ratings as low as 53 dBA with optional acoustical package. All dBA ratings are tested in accordance with ARI standard 370.
- **Reliable** – Tandem or trio scroll compressor sets per circuit have fewer moving parts. Several options are available to enhance performance and reliability.
- **R-410A Refrigerant** – No phaseout schedule and no ozone depletion potential.
- **Controls Flexibility** – Our Open Choices™ feature allows MicroTech II® controls to easily integrate into your building automation system of choice. And it's simple to achieve interoperability using open, standard protocols such as LonTalk®, BACnet® or Modbus®.



AGZ-A (10 to 34 tons)



AGZ-C (30 to 180 tons)

Flexible Options to Meet Your Needs

Don't make your job fit the chiller. Make a McQuay chiller fit your job. McQuay offers you the flexibility to choose from many sizes and options to customize your air-cooled chiller.

- Low ambient operation down to -10° F.
- Non-fused disconnect switches allow secure and easy service.
- Phase voltage monitor senses and avoids undesirable electrical conditions.
- Ice storage capability saves energy.
- Double evaporator insulation for ice storage operation.
- Condenser coil options provide longer equipment life (copper fins, Electrofin™ and Blackfin coating).
- Hot gas bypass for low load operation.
- Acoustical blanket wraps compressor for reduced sound transmission.
- Hydronics package available at all tonnages.
- Remote evaporator option keeps all chilled water piping in within the building.

McQuay Air-Cooled Chillers – AGZ 010 – 180

Technical Specifications

Model AGZ	Capacity Tons @ ARI	Full Load EER	IPLV EER	Dimensions – inches (L x W x H)	Sound Pressure dBA without acoustical treatment ¹	Sound Pressure dBA with acoustical treatment ¹	Refrigerant Circuits
010A	9.8	9.7	12.2	74 x 46 x 51	55	53	1
013A	13.3	9.6	12.5	74 x 46 x 51	56	54	1
017A	15.9	9.6	12.8	74 x 46 x 51	57	55	1
020A	20.4	9.6	12.5	106 x 46 x 51	58	56	1
025A	22.7	9.6	12.9	106 x 46 x 51	58	56	1
029A	28.3	9.9	13.3	106 x 46 x 59	61	59	1
030C	31.5	9.6	13.9	95 x 88 x 101	60	59	2
034A	34.0	9.6	13.9	106 x 46 x 59	63	61	1
035C	34.1	9.6	14.2	95 x 88 x 101	60	59	2
040C	37.1	9.8	14.4	95 x 88 x 101	61	60	2
045C	42.1	10.0	14.4	95 x 88 x 101	62	61	2
050C	47.6	10.1	14.6	95 x 88 x 101	63	61	2
055C	51.4	9.8	14.5	95 x 88 x 101	64	62	2
060C	55.1	9.6	14.5	95 x 88 x 101	64	62	2
065C	57.1	10.3	14.7	95 x 88 x 101	64	63	2
070C	62.3	9.6	14.5	95 x 88 x 101	65	63	2
075C	71.6	9.7	14.3	135 x 88 x 101	65	63	2
080C	79.5	9.6	14.2	135 x 88 x 101	66	64	2
090C	86.3	9.6	14.2	135 x 88 x 101	66	64	2
100C	97.8	9.6	14.2	135 x 88 x 101	67	65	2
110C	104.2	9.6	14.2	174 x 88 x 101	67	65	2
125C	114.3	9.6	14.4	174 x 88 x 101	68	66	2
130	124.7	9.6	14.6	174 x 88 x 101	68	66	2
140	133.7	9.9	14.7	219 x 88 x 101	69	67	2
160	151.5	9.7	14.6	219 x 88 x 101	70	68	2
180	169.3	9.6	14.6	219 x 88 x 101	70	68	2

Notes: ¹ measured at 30 ft from the side of the unit.

McQuay provides engineered, flexible solutions that deliver high performance to meet your non-residential HVAC requirements. Count on us for a large range of product options, knowledgeable applications expertise and responsive support. Contact your local McQuay representative or visit us at www.mcquay.com to find out more about our Air-Cooled Scroll Compressor Chillers.

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