



Trailblazer® AGZ-E air-cooled scroll chillers



30 to 240 tons
with Variable Speed Condenser Fan Technology

The right features, the right value, right now

SiteLine™ Building Controls



Unmatched visibility to improve your HVAC performance

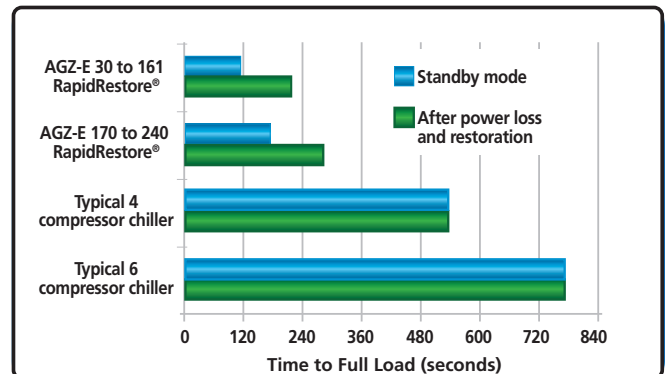
With 40% of your building's energy expenses tied to HVAC management, building owners and managers need better visibility to their unit performance. Daikin's SiteLine Building Controls connects directly to your HVAC unit to monitor energy consumption at the equipment level for deeper, more accurate performance measurement.

Data and insights to help you do more with less

Only SiteLine Building Controls can trend your unit's health and performance from commissioning throughout the life of the asset. It provides timely notifications for maintenance without requiring additional programming. And because all unit data is stored in the cloud, storage is unlimited. You can always track to the baseline, and you don't have to decide today what you want to track tomorrow.

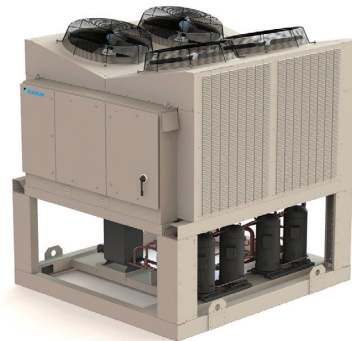
Freedom and control to learn whatever you want, whenever you want

SiteLine Building Controls communicates with you clearly through an engaging user interface designed to surface actionable insights, on any connected device, from anywhere in the world. You have complete access to the data, and control over who uses it; there is even a technician dashboard available through secure, role-based access. That translates quickly to smarter, proactive equipment decisions, and less time reacting to problem situations.



RapidRestore®

Trailblazer chillers will recover from loss of power to full capacity in under 4 minutes, or achieve full capacity from stand-by in less than 2 minutes for select models making it a perfect choice for mission critical applications.

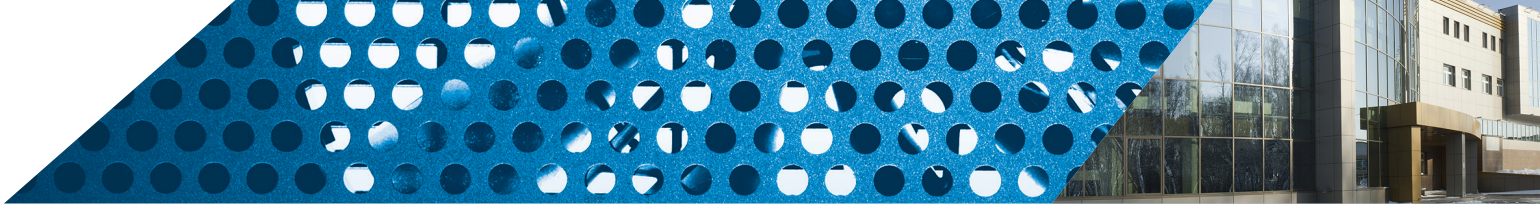


Ready when you are

Trailblazer is available when you need it, whether build-to-order, quick ship or from stock. The Trailblazer stock chiller app allows real-time look up of stock availability. Follow the QR code at the bottom right to download this app now.

Efficiency

With full load efficiencies up to 11.2 EER and part load IPLV up to 16.7 EER, Trailblazer leads the industry in operating efficiency.



Reliability, efficiency, and low cost of ownership

Daikin Trailblazer air cooled scroll chillers are feature-rich, with industry leading performance. The 30 to 240 ton chillers provide big benefits for small to mid-sized buildings.

Reliable - Trailblazer is built on the solid foundation of reliability and robust design of Daikin's AGZ chiller product.

Efficient - Meets or exceeds ASHRAE Standard 90.1 2016 standards.

Quiet - Sound pressure ratings as low as 61 dBA, without any optional acoustic treatment. An all-VFD fan option allows reduced fan speed settings for lower noise operation, with a programmable schedule for reducing sound at strategic times.

Low cost of ownership - Trailblazer's low installed cost, combined with high operating efficiency and ease of maintenance provide the lowest total cost of ownership.

Ideal for retrofit - Compact unit footprint can save installation space & costs.

Mission critical applications - Trailblazer was designed to handle the demanding requirements of data centers and hospitals. The RapidRestore® feature along with the high evaporator leaving water temperature capability (65°F) makes Trailblazer the ideal choice.

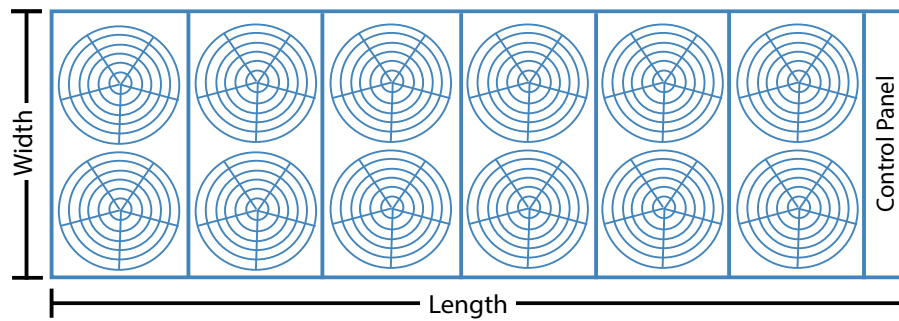
Responsible refrigerants - R-410A refrigerant has no ozone depletion potential and no phase-out schedule.

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.



Trailblazer Technical Specifications



Model AGZ	Length in (mm)	Width in (mm)	Height in (mm)	Shipping weight lb (kg)	Operating weight lb (kg)
31	95 (2,413)	88 (2,235)	101 (2,565)	2,947 (1,337)	2,960 (1,343)
36	95 (2,413)		101 (2,565)	2,873 (1,303)	2,887 (1,310)
41	95 (2,413)		101 (2,565)	2,948 (1,337)	2,964 (1,344)
46	95 (2,413)		101 (2,565)	3,094 (1,403)	3,112 (1,412)
51	95 (2,413)		101 (2,565)	3,093 (1,403)	3,114 (1,412)
56	95 (2,413)		101 (2,565)	3,106 (1,409)	3,128 (1,419)
61	95 (2,413)		101 (2,565)	3,130 (1,420)	3,155 (1,431)
66	95 (2,413)		101 (2,565)	3,130 (1,420)	3,155 (1,431)
71	95 (2,413)		101 (2,565)	3,472 (1,575)	3,497 (1,586)
76	147 (3,734)		99 (2,515)	4,388 (1,990)	4,451 (2,019)
81	147 (3,734)		99 (2,515)	4,510 (2,046)	4,579 (2,077)
91	147 (3,734)		99 (2,515)	4,540 (2,059)	4,609 (2,091)
101	147 (3,734)		99 (2,515)	4,696 (2,130)	4,780 (2,168)
110	192 (4,877)		99 (2,515)	5,437 (2,466)	5,528 (2,507)
120	192 (4,877)		99 (2,515)	5,696 (2,584)	5,796 (2,629)
130	192 (4,877)		99 (2,515)	5,792 (2,627)	5,903 (2,678)
140	237 (6,020)		99 (2,515)	6,555 (2,973)	6,674 (3,027)
150	237 (6,020)		99 (2,515)	6,617 (3,001)	6,745 (3,059)
161	237 (6,020)		99 (2,515)	6,668 (3,025)	6,802 (3,085)
170	237 (6,020)		99 (2,515)	7,170 (3,252)	7,307 (3,314)
180	237 (6,020)		99 (2,515)	7,412 (3,362)	7,560 (3,429)
191	283 (7,188)		99 (2,515)	8,635 (3,917)	8,785 (3,985)
211	283 (7,188)		99 (2,515)	8,669 (3,932)	8,819 (4,000)
226	327 (8,306)		99 (2,515)	9,413 (4,270)	8,600 (3,901)
241	327 (8,306)		99 (2,515)	9,501 (4,310)	9,688 (4,394)

Environments

High ambient kit, for operation from 105 to 125 °F (40 to 52 °C)
 Low ambient kit, down to -10 °F (-23 °C)
 Electrofin™ condenser coil option rated to 10,000 hours salt spray testing for enhanced durability in seacoast environments

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

Hydronic 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

Changing the way you think about air cooled chillers



Daikin Trailblazer air cooled scroll chillers are feature rich, with industry leading performance and a low installed cost. Combine this with high operating efficiency and ease of maintenance and these reliable 30 to 240-ton chillers provide big benefits for small to mid-sized buildings as well as mission critical applications like data centers and hospitals. With features typically found on more expensive chillers, why settle for anything but a Daikin air cooled chiller?

Ideal for a variety of applications



Trailblazer chillers utilize environmentally responsible R-410A refrigerant and meet the performance requirements of ASHRAE 90.1 2016 for efficiency. Excellent part-load performance is achieved with four or six scroll compressors. High overall efficiency equals lower annual energy costs.

Make it a complete system for optimum system performance and reliability

1

Choose a Daikin Trailblazer air cooled scroll chiller



Trailblazer® air cooled scroll chiller
30 to 240 tons

2

Add a Daikin air handler or terminal unit



Vision® semi-custom indoor air handler
900 to 100,000 cfm



Rebel® chilled water outdoor air handler
500 to 5500 cfm



Skyline® semi-custom outdoor air handler
900 to 65,000 cfm



Unit ventilators
750 to 2000 cfm



Destiny® commercial air handler
600 to 15,000 cfm



Fan coil units
200 to 5000 cfm

The industry leader in environmental solutions

Daikin Applied is committed to sustainable practices as part of our corporate culture. We believe it is the right thing to do for our customers, our community, the environment and ourselves. As the global HVAC leader, Daikin Applied has a unique opportunity to make a difference in sustainable initiatives and to continue to lead the industry in environmental solutions.



To learn more about Trailblazer air cooled chillers, contact your local Daikin Applied sales office or visit www.DaikinApplied.com to find an office near you.