



Trailblazer® AGZ Air-cooled Scroll Chillers

Efficient and reliable performance
with low-GWP R-32 refrigerant

Models AGZ-E/F
30 to 240 tons



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COOLING EFFICIENTLY, **SAVING OWNERS MONEY**

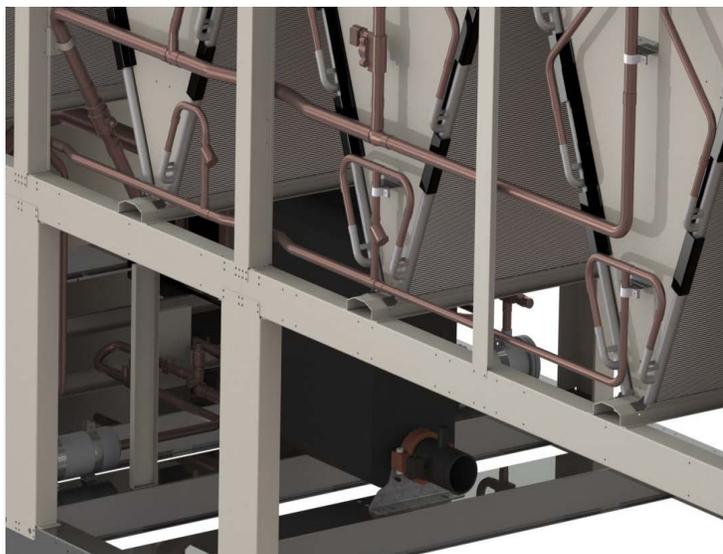
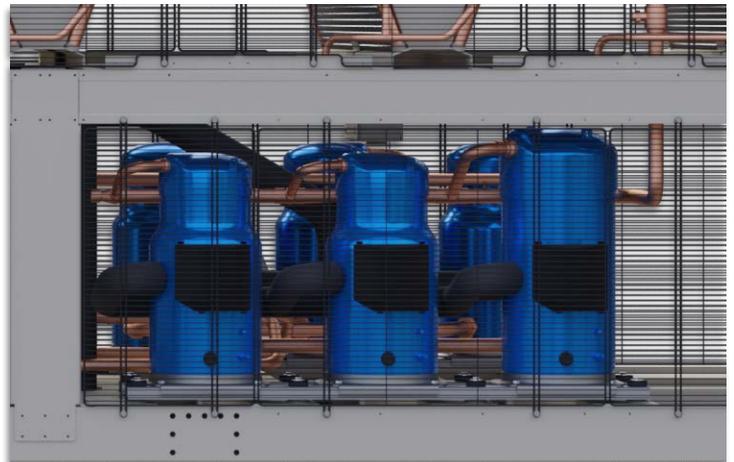
Cool your building more efficiently and save on operating expenses with Trailblazer AGZ air-cooled scroll chillers. Trailblazer model AGZ-F is Daikin Applied's first available unit designed with low-GWP R-32 refrigerant, boasting up to a 30% reduced footprint and 10% reduced weight that AGZ-E models. Trailblazer chillers operate in off-design conditions 95% of the time, providing 10% greater capacity and efficiency compared to competing units at both design and off-design conditions.

With a 30 to 240 ton range, Trailblazer AGZ models give you the scale to fit your cooling needs, and offers the best overall value in air-cooled packaged chillers available today. Trailblazer's quiet operation, high efficiency and new heat pump technology (model EWYQ) make these chillers ideal for mission-critical buildings, data centers, healthcare and manufacturing facilities. Furthermore, the utilization of R-32 refrigerant in models AGZ-F, combined with its high efficiency, presents the best solution for decarbonization while proactively addressing upcoming federal legislation aimed at phasing out higher-GWP refrigerants like R-410A.

REDUCED MAINTENANCE **SCROLL COMPRESSORS**

Daikin air-cooled scroll compressors are built to withstand demanding conditions for uninterrupted operation. Our compressors are designed with high-quality materials, advanced manufacturing techniques, and rigorous testing processes, for long-lasting performance and reduced maintenance.

Trailblazer's compressor technology enables precise control of cooling capacity, allowing the system to adapt to varying load conditions. This dynamic capacity modulation ensures optimal and reliable performance at all times, minimizing energy waste and maximizing overall efficiency.



SERVICEABLE COMPONENTS

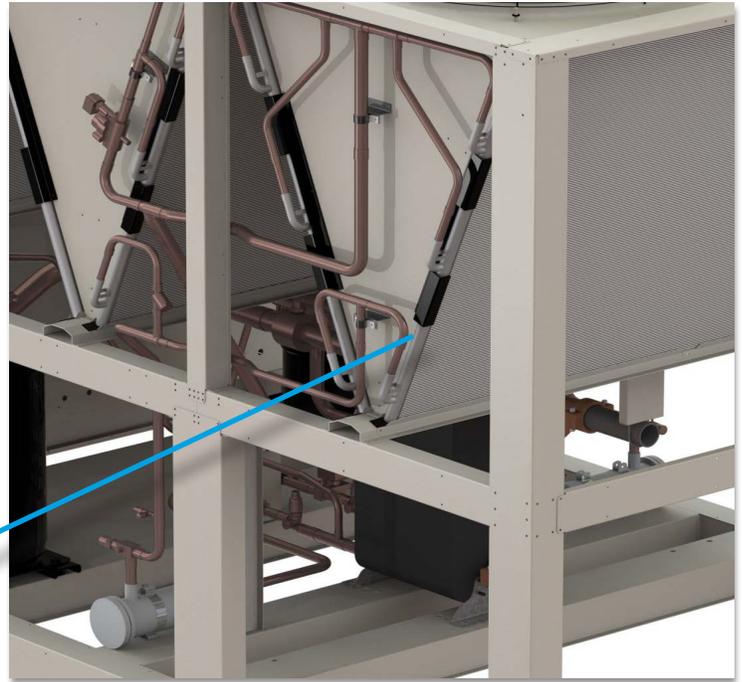
Time is of the essence when it comes to servicing air-cooled chillers. That's why all Daikin chillers are designed with accessibility in mind. With strategically placed access points and well-thought-out component layouts, Daikin air-cooled chillers make it a breeze for service technicians to reach major components swiftly, without wasting valuable time on disassembly or complex procedures.

From compressors to condenser coils, major components are easily accessible, to enable technicians to swiftly diagnose issues and carry out necessary repairs or replacements. With Daikin chillers, you can be confident that your system will be up and running in no time, minimizing disruptions to your operations and ensuring uninterrupted comfort for your facility.

MICROCHANNEL ALUMINUM ALLOY COILS

Our high-performance microchannel aluminum alloy coils have set the bar in the HVAC industry with their exceptional durability, efficiency, and reduced refrigerant charge. By outlasting traditional alloys, these coils offer extended lifespans, leading to reduced replacement and maintenance costs. Their superior heat transfer capabilities enhance system efficiency, resulting in energy savings and a reduced carbon footprint.

Daikin's microchannel aluminum alloy coils offer an additional advantage by significantly diminishing the refrigerant charge required in HVAC systems. A reduced refrigerant charge not only lowers the system's environmental impact but also aligns with the stringent requirements for Leadership in Energy and Environmental Design (LEED) certification.



SOUND REDUCTION COMPRESSOR BLANKETS

Compressor blankets are specifically designed to reduce the sound emitted by Trailblazer's air-cooled chiller compressors. These blankets act as a barrier, effectively absorbing and dampening the noise generated during the chiller's operation. The result is a significant reduction in noise levels, allowing for a more peaceful and productive environment.



61 DB QUIET

VARIABLE SPEED FAN DRIVES

The sound reduction mode on high-efficiency (HE) Trailblazer chillers with optional fully variable speed drive fans affords a substantial improvement in acoustic performance. By dynamically adjusting fan speed, the system minimizes the noise generated, particularly during periods of reduced cooling demand. This feature is crucial for facilities located in noise-sensitive areas where maintaining a quiet atmosphere is essential.



LOW NOISE OPERATING MODE

Incorporating an optional low noise operating mode, the air-cooled chiller can be set to reduce sound levels based on a signal or settable time schedule from the unit controls. This keeps efficiency maximized during the day and reduces fan speed noise at night to meet night-time sound ordinances.



COMPACT SOLUTIONS FOR TIGHT SPACES

REDUCED FOOTPRINT

The reduced footprint of AGZ-F translates to space efficiency, allowing for more flexible and versatile installation options. Generally, there is a 20-30% decrease in footprint compared to a comparable tonnage AGZ-E model. The compact AGZ-F design facilitates easier integration into existing structures without the need for extensive modifications or dedicated spaces. Its reduced footprint often corresponds to lower construction and installation costs, as less material and labor are required for implementation. Ultimately, the AGZ-F value lies not only in the spatial economy but also in the cost-effectiveness, adaptability, and eco-friendly attributes that a reduced footprint brings to HVAC chiller systems.

20-30% SPACE SAVINGS



SITELINE® BUILDING CONTROLS



- **Easy remote oversight, lower maintenance costs**
- **Ensure uptime and optimal performance for occupants**
- **Unprecedented visibility & analysis - 150+ data points**
- **Alarm notifications, maintenance and trend reports**
- **Works alongside existing BAS**

Gain 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.

Do more with less using data insight

Only SiteLine 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 with unlimited cloud storage, you can always track to the baseline.

Learn what you want, when you want

SiteLine communicates actionable insights on any connected device from anywhere in the world. You have complete access to the data and control over who uses it through secure, role-based access. That translates quickly to smarter, proactive equipment decisions and less time reacting to problems.

FOR MORE INFORMATION ABOUT OUR COMPLETE OFFERING OF HVAC SYSTEMS AND SOLUTIONS, VISIT DAIKINAPPLIED.COM TO FIND AN OFFICE NEAR YOU.

