

Condensing Units

CF Series





AAON Condensing Units

AAON sets the standard for commercial condensers and condensing units in performance, serviceability, and long-term value.



For a Better Tomorrow

AAON condensing units are designed to reflect the proven reliability and engineering excellence that comes with being a best-in-class manufacturer.





Engineered for Durability and Serviceability

DURABLE EQUIPMENT

AAON units are engineered for unmatched durability and serviceability. AAON condensing units are constructed with heavy gauge galvanized steel walls, includes a rigid base design with forklift slots (2-25 and 30 tons) and lifting lugs (9-60 tons) providing easy handling at the job site.

STREAMLINED SERVICEABILITY

AAON equipment prioritizes efficient serviceability, reducing downtime and costs. Color-coded wiring diagrams, heavy-duty access doors and handles, and easy access to components minimize delays in evaluating service issues. These standard features maximize unit runtime and ensure peak efficiency.

FLEXIBLE PRODUCT DESIGN

Each AAON unit is manufactured and designed to the customer's specific needs. Our semi-custom equipment is built-to-order, offering a flexible product design without the fully custom price or lead times. We build products for our customers, instead of finding customers for our products. AAON condensing units are available as an air-cooled condensing unit or air-source heat pump.

REDUCED COST OF OWNERSHIP

From the robust design of our product cabinets to the innovative features within, everything is engineered to reduce the total cost of ownership. AAON units are built to last, incorporating advanced energy-efficient features that lower operational costs over time.

Applications

EFFICIENT SOLUTIONS FOR EVERY ENVIRONMENT

Retrofit: AAON condensing units are an ideal choice for retrofit projects, delivering a seamless replacement solution when only the condensing unit needs to be upgraded.

Retail: Engineered for dependable performance, AAON condensing units provide retailers with energy-efficient and cost-effective cooling that's simple to service, helping reduce downtime and operating expenses.

Office Buildings: AAON condensing units feature adaptable configurations and simplified serviceability, ensuring reliable comfort and clean air, so building occupants can stay productive and comfortable, year-round.

Healthcare: AAON condensing units are well-suited for healthcare environments where reliable performance and clean air are essential. With rigorous quality testing and durable construction, AAON units support uninterrupted operation and help maintain the critical comfort and air quality standards that patients and staff depend on.



DELTA CLASS

AAON condensing units are available as a Delta Class DOAS when paired with an AAON H3 or V3 air handling unit and configured as a split system.

ALPHA CLASS

With potential cost savings compared to gas heating systems, AAON condensing units are available as an Alpha Class air-source heat pump.



Configurable Condensing Units

CF SERIES

AAON CF series condensers are available in 2-60 ton units and can be paired with an AAON air handling unit for a complete split system.



Innovative Features for Peak Performance

VERSATILE SIZE RANGE

Units available from 2-60 tons, as an air-source heat pump or air-cooled condenser.

SCROLL TECHNOLOGY

Scroll compressor technology with multiple cooling stages available for enhanced energy efficiency and precise temperature control.

CORROSION RESISTANT PAINT

All condensing units come standard with 2,500-hour salt spray corrosion resistant paint. Custom paint colors are available with the same durable design.

CONTROL FLEXIBILITY

AAON condensing units offer control flexibility. Whether you select our factory provided controls, or a third-party control system, we factory install the controls for seamless operation from the start.

RIGOROUS QUALITY TESTING

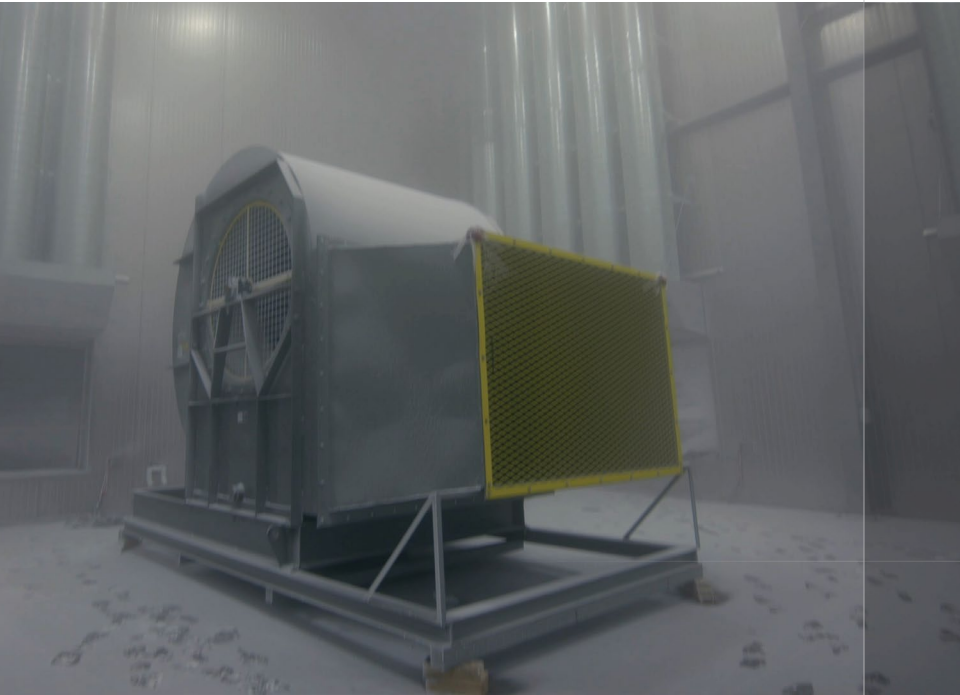
Every AAON unit is run-tested before leaving the facility. For further testing, our NAIC laboratory offers extensive testing options for your units, from customer witness testing to environmental or sound testing.

DEDICATED CUSTOMER SUPPORT

We provide world-class customer and technical support throughout the lifespan of every AAON product. This ensures reliable operation and peace of mind every step of the way.

WARRANTY

Optional five-year non-prorated compressor warranty.



Performance Considerations

MODULATING HOT GAS REHEAT

Provide precision dehumidification with modulating hot gas reheat available, even with low sensible heat loads. Experience no temperature swings common with on/off reheat.

LOW AMBIENT

With low-ambient fan cycling or modulating head pressure control options, allows cooling operation down to 35°F ambient.

SOUND LEVEL

Less sound means more comfort. The sound level of the condensing units should be taken into account, especially in buildings where low sound levels are critical. Select a condensing unit with features like high density foam compressor sound suppression blanket and low sound ECM condenser fans.





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Engineered and built in America.

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