

Rooftop Units

RN Series

RQ Series

RZ Series





AAON Rooftop Solution

AAON redefines excellence in commercial packaged rooftop units, blending superior performance, serviceability, and long-term value. Precision-engineered and meticulously crafted, AAON rooftop units guarantee not just optimal comfort but peak efficiency for your building.

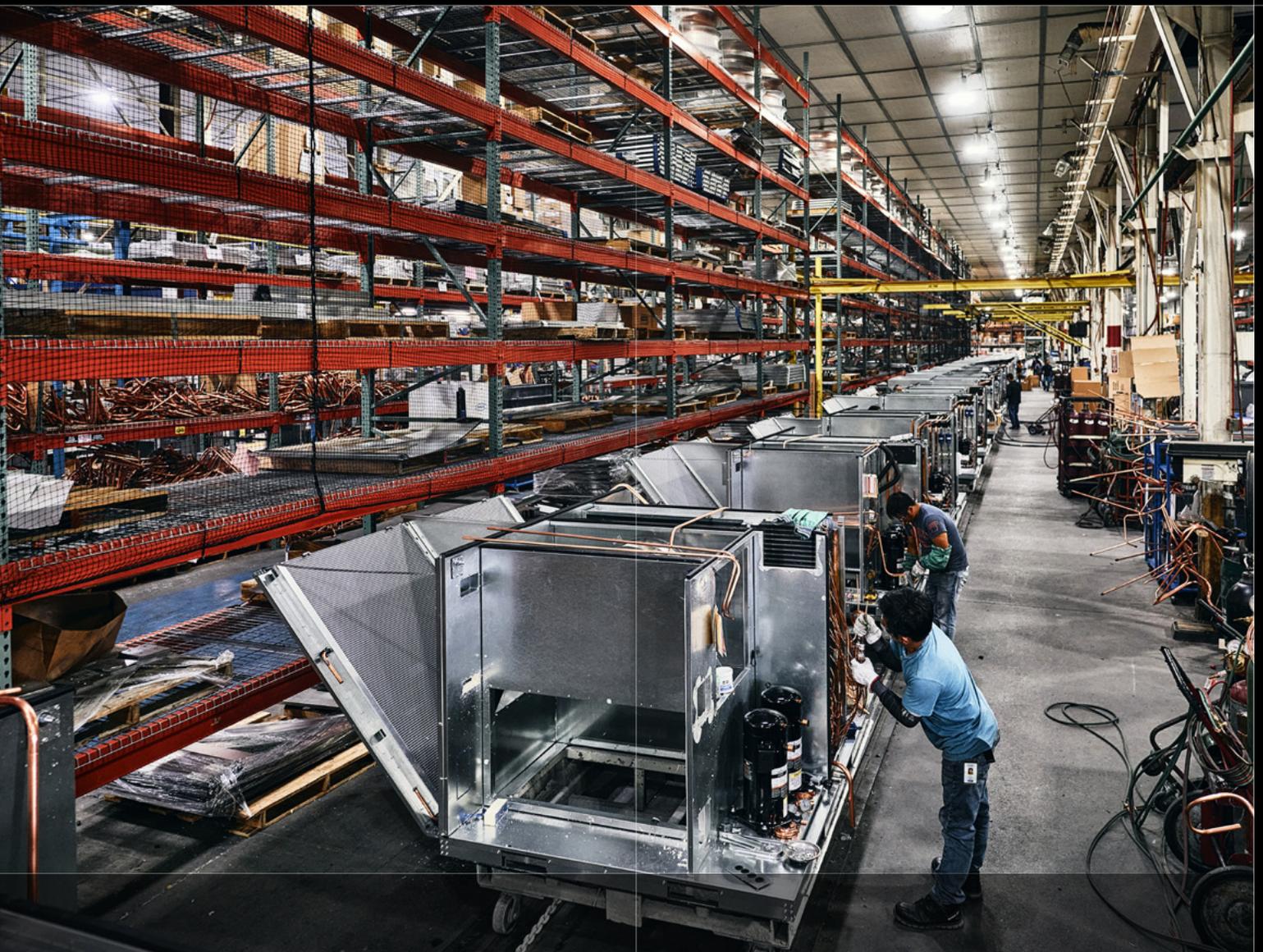
Discover the pinnacle of rooftop technology — designed just for you.

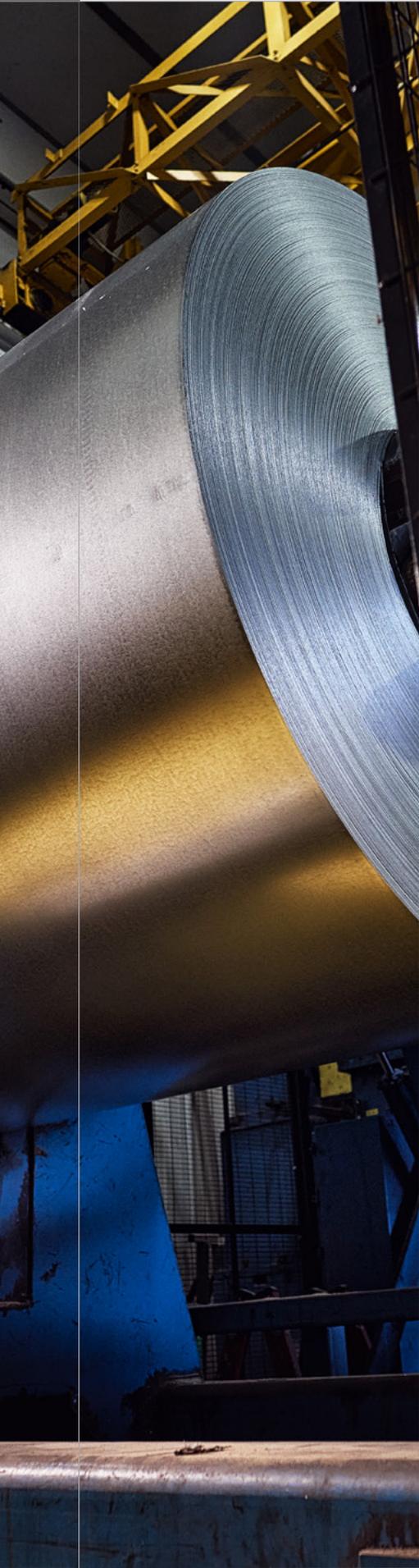


Premier Packaged Solutions

UNRIVALED PERFORMANCE, UNMATCHED VALUE

AAON leads the commercial industry with state-of-the-art packaged rooftop units. Engineered for performance and designed for streamlined serviceability, these units represent versatility and function. Adaptable to any application, our rooftop units feature sizes up to 261 tons of cooling capacity across our RN, RQ, and RZ Series.





Engineered for Durability and Serviceability

DURABLE, ENERGY-EFFICIENT EQUIPMENT

AAON rooftop units are engineered for unmatched durability and serviceability. Each unit features double-wall closed-cell polyurethane foam insulation and G90 galvanized steel walls. With an insulation R-Value of 13, our units ensure superior thermal efficiency, significantly reducing heat transfer, minimizing air leakage, and offering sound attenuation for quieter operation.

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.

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 rooftop units are built to last, incorporating advanced energy-efficient features that lower operational costs over time.

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.

RQ SERIES

2-5 tons

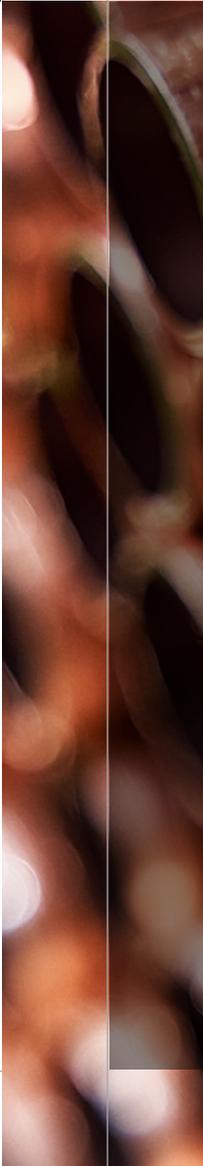
RZ SERIES

45-261 tons

RN SERIES

6-140 tons





Efficient Solutions for Every Environment

EDUCATION

Designed for technician-friendly installation and maintenance, AAON rooftop units minimize disruptions, ensuring uninterrupted educational activities.

OFFICE BUILDINGS

Streamlined installation and serviceability reduce disruptions, allowing employees to focus on their tasks without interruption.

HEALTHCARE

Engineered to meet the rigorous demands of healthcare facilities, our advanced units prioritize optimal comfort, reliability, and indoor air quality.

GOVERNMENT AND MILITARY BUILDINGS

Our units are built to the highest standards of quality and efficiency, ensuring long-lasting performance in even the most demanding settings.



Configurable Rooftop Units

AAON RN Series, RQ Series, and RZ Series rooftop units offer versatile configurations, including water-source heat pumps, air-source heat pumps, geothermal systems, and air handling unit options. Engineered to excel in both high and low ambient environments, AAON rooftop units ensure optimal performance to meet the specific needs of any application.

RQ SERIES: RELIABLE AND COMPACT

Ideal for smaller applications where space is at a premium, the RQ Series offers reliable performance in a compact package. With capacities ranging from 2 to 5 tons, these units are perfect for retail spaces, small offices, and light commercial buildings. Despite their compact size, RQ Series units are engineered for durability and efficiency to guarantee years of trouble-free operation.

RZ SERIES: FLEXIBLE AND ENERGY-EFFICIENT

Setting the standard for rooftop equipment in large building applications, the RZ Series combines unmatched configurability with exceptional energy efficiency. With capacities ranging from 45 to 261 tons, these units are designed to adapt seamlessly to various environments, from institutional spaces to state-of-the-art healthcare facilities. Featuring innovative technologies and advanced construction techniques, the RZ Series delivers superior comfort, efficiency, and sustainability.

RN SERIES: VERSATILE AND DURABLE

The RN Series offers the ultimate blend of versatility and efficiency, making it the go-to solution for a wide range of applications. Available in capacities from 6 to 140 tons, these units perform in every environment from office buildings and schools to healthcare facilities and industrial spaces. With multiple configuration options, including air-cooled and evaporative condenser models, the RN Series can be tailored to meet the specific needs of any project.

Innovative Features for Peak Performance

VERSATILE SIZE RANGE

Available from 2 to 261 tons, AAON rooftop units are configurable for any application, ensuring maximum flexibility and compatibility.

ADVANCED VARIABLE SPEED COMPRESSORS

Quiet and efficient, our units feature variable speed compressors that provide load-matching cooling and optimize efficiency for single or multi-zone VAV and makeup air applications.

CORROSION RESISTANT PAINT

All rooftop 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 rooftop 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 and sound testing.

DEDICATED CUSTOMER SUPPORT

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



Low GWP Refrigerant

AIM ACT COMPLIANT

AAON RN Series, RQ Series, and RZ Series units are compliant with the AIM Act of 2020, utilizing low GWP refrigerant R-454B. With a GWP of 466, R-454B offers similar capacity and properties to R-410A, ensuring compliance with upcoming regulations while minimizing product redesign time and cost.

AAON selected R-454B, a sub 500 GWP refrigerant, to drive the industry towards a cleaner and more sustainable future.



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