

Split Systems

CF Series

H3/V3 Series

M2 Series

RN Series

RQ Series





AAON Split System Solutions

AAON sets the industry standard with innovative split system solutions that redefine efficiency and longevity. Pair AAON's precision engineered condensing units with our robust air handling units for unmatched split system performance and long-term reliability.

Discover the forward-thinking design and flexibility of an AAON split system.



Custom Solutions, Designed Just for You

Adaptable for any application, our split systems are available up to 60 tons with our CF condensing unit. Customize your split system solution with a diverse range of design options that will accommodate your needs today—and tomorrow.





Durable, Energy-Efficient Equipment

AAON split systems are engineered for unmatched durability and serviceability. The condensing units feature heavy gauge galvanized steel construction with corrosion resistant paint that exceeds a 2,500 hour salt spray test. Air handling options include double-wall closed-cell polyurethane foam insulation and G90 galvanized steel walls. Available with insulation up to an R-Value of 13, our units provide superior thermal efficiency, significantly reducing heat transfer into and out of the cabinet, minimizing air leakage, and offering sound attenuation for quieter operation.

ENHANCED MECHANICAL SAFETY

Digital compressors are available to ensure proper distribution of oil, enhancing system longevity and safety by minimizing wear and tear on the piping.

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 split systems 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 and maximize unit runtime. Features from a removable internal control panel in the V3 Series to optional LED service cabinet lights simplify maintenance 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.



Applied Industries

EDUCATION

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

HOSPITALITY

Engineered for maximum comfort while minimizing energy costs, AAON split systems make it possible for hospitality facilities to offer clean, comfortable spaces for guests.

OFFICE BUILDINGS

Flexible design options and streamlined serviceability ensure comfort and excellent air quality, allowing employees to focus on their tasks without interruption.

RETAIL

Manufactured for reliable operation, AAON split systems are energy-efficient, cost-effective, and easy to maintain, providing a comfortable shopping experience.



Configurability

ULTIMATE CONDENSING PERFORMANCE

AAON CF Series is the heart of an AAON split system, serving as a robust and dependable condensing unit. Designed to reflect engineering excellence and proven reliability, this unit embodies the high standards of a premier manufacturer in heating and cooling solutions.

CONFIGURABLE AIR HANDLING UNITS

AAON RN, RQ, H3, V3, and M2 Series air handling units offer unparalleled versatility and flexible features. These units are engineered to excel in both high and low ambient environments, delivering optimal performance across a wide range of applications.

ROOFTOP: RN AND RQ SERIES

AAON rooftop units are state-of-the-art, designed for optimal performance and streamlined serviceability. These versatile air handling units can be configured with chilled water or hot water coils and offer heating options, including gas, electric, or steam. When paired with a remote CF condenser, these units provide a highly flexible design solution.

INDOOR: H3 AND V3 SERIES

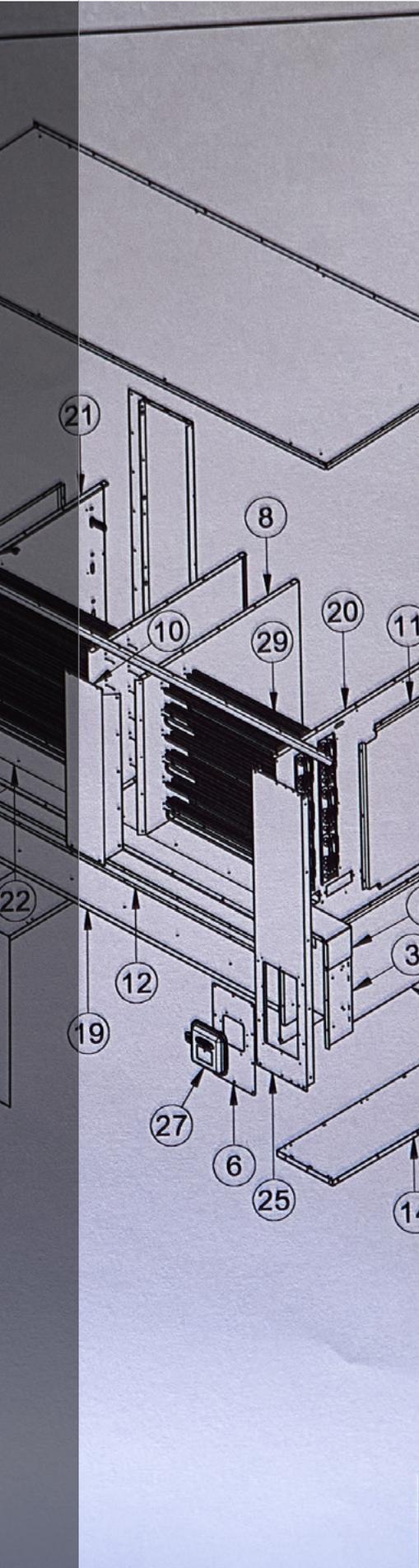
H3 and V3 Series indoor air handling units are available in both horizontal and vertical designs, ideal for low ceiling profiles or easy maneuverability through doorways. They offer features like chilled water or hot water coils and flexible heating options, including gas, electric, or steam. Pair them with a CF Series condenser for a complete AAON split system solution.

MODULAR: M2 SERIES

M2 Series air handling unit modules provide practical design flexibility, offering an adaptable solution for diverse applications. Engineered with modular construction, they simplify building customization and potential future expansions, making them a versatile choice for any project.

ENGINEERED FOR RELIABILITY

AAON split systems are designed with customizable features and flexible design configurations to meet specific application requirements. Whether used indoors or outdoors, these systems ensure reliable performance for any application.



Innovative Features for Peak Performance

VERSATILE SIZE RANGE

Available from 2 to 60 tons, AAON split system pairing allows for many configurations for a wide range of applications, providing flexibility and compatibility with the job needs.

ADVANCED VARIABLE CAPACITY COMPRESSORS

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

CORROSION RESISTANT PAINT

CF Series 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 split systems 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 split systems 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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