



The Name To Remember.

GG SERIES

SPLIT SYSTEM CONDENSING UNITS 08 TO 40 TONS

Split System Solutions

- Energy Efficient - Low Operating Costs
- Environmentally Friendly R-410A Refrigerant
- Ease of Installation
- Ease of Maintenance



FEATURES

- Pre-painted G90 Galvanized Steel Cabinet Construction
- Access Service Doors with Stainless Steel Hinges
- Scroll Compressors
- Copper Tube & Aluminum Fin Coil
- Refrigeration System is Factory Circuited Ready for Field Connection
- Vertical Discharge Condenser Fans
- Single Point Power Connection
- All Electrical Components are Factory Wired & Color Coded.
- Matching Color Coded Wiring Diagrams are Located Inside the Control Compartment.

APPLICATION FLEXIBILITY

MINIMIZES INSTALLATION TIME AND REDUCE COST

New Construction Installations	Existing Condensing Unit Replacement	Suction and Liquid Line Service Valves	Selected Options are Factory Installed Ready for Field Installation	Matching Air Handling Units
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CC SERIES SPLIT SYSTEM CONDENSING UNITS

The CC Series split system condensing units reflect the proven reliability and engineering excellence from the premier manufacturer of heating and cooling products. All condensing units are completely factory assembled, piped, wired and fully run tested. All selected options are factory installed to minimize field installation time and reduce cost. The units may be installed on a roof, a platform, or at ground level to meet building code requirements.

Superior Features

- Access doors come with stainless hinges and zinc cast lockable handles.
- Controls and scroll compressor, with crankcase heater, are located in a compartment that is isolated from the air stream for easy service.
- Document pocket on control compartment door to maintain test report and installation manual.
- Heavy duty wire guards protect the fans and coils.
- Liquid line filter driers capture contaminants that could have entered the refrigeration system during installation, helping to extend the life of the equipment.
- Low ambient operation down to 35°F for facilities that require mechanical cooling at lower ambient temperatures.
- Rigid base pan design with forklift slots (8 ton and larger) provides easy handling at the job site.
- Single point power connection provides ease of installation.
- Suction and liquid line service valves for ease of service.
- Time delay on each compressor startup save money by preventing unneeded power surges.
- Unit specific color-coded wiring diagrams are provided in point-to-point and ladder form and are laminated and permanently affixed inside the control compartment.



Premier Options

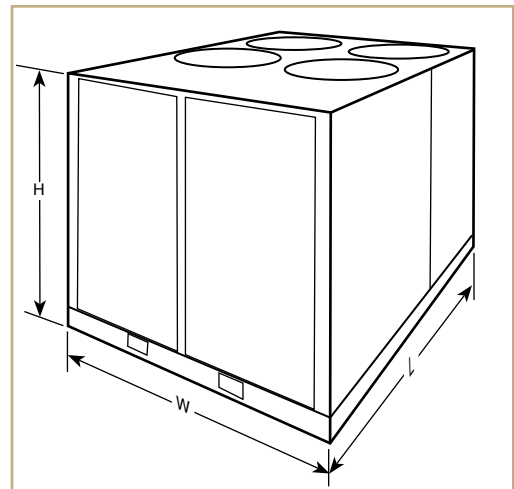
- Corrosion protection is provided for the condenser coils with either a polymer coating or copper construction.
- Hot gas bypass provides freeze protection for the evaporator coil during light load conditions.
- Low ambient operation down to 35°F is achieved by cycling condenser fan(s). This option also includes a time delay relay to bypass the low-pressure switch during startup.
- R-410A environmentally friendly refrigerant helps protect the environment.
- Modulating hot gas reheat is available for applications where humidity control is desired.

CC Model	Total Compressors	Width	Height	Length
008	2	45	46	86
010				
013		45	46	99
016				
020	2 Tandems	78	54	105
025				
030		78	68	105
040				

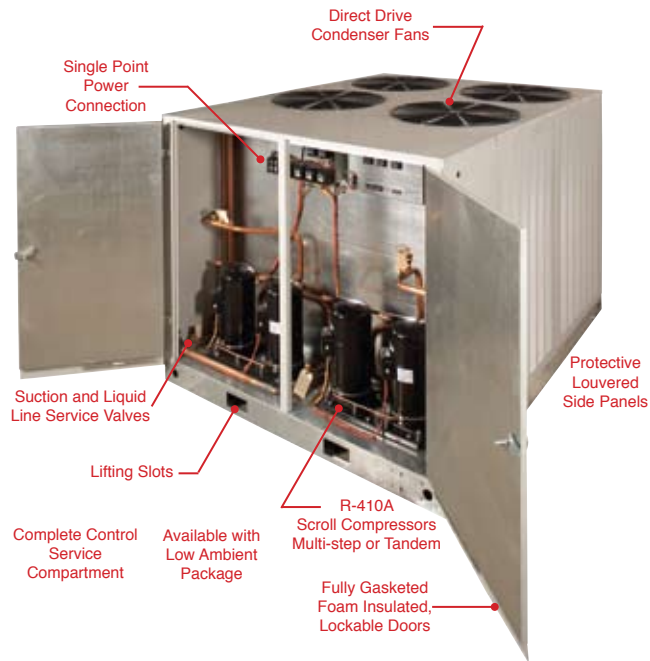
All dimensions are in inches. For use with R-410A only.

AAON CC Condensing Units

AAON can supply many of the components needed for comfort conditioning systems in a vast number of building types. When job applications require units ranging from 8 to 40 tons, the CC Series Condensing Units are available. The CC units offer many standard features that are optional on most competitive models. The CC Condensing units may also be needed as replacements for older equipment that has failed or is being replaced to lower energy consumption.



EFFICIENCY AND APPLICATION FLEXIBILITY



CC Condensing Units

Unit is constructed of Pre-Painted G90 Galvanized Steel. Coils are constructed of copper tubing mechanically bonded to aluminum fins. Optional copper-to-copper coil construction, with copper tubing and copper fins, is available where extra corrosion protection is required for the condensing coil(s)

Available features:

- Hot Gas Reheat
- Hot Gas Bypass
- Low Ambient Control
- Control Circuit Transformer
- Coil Corrosion Coating



Facts About AAON Condensing Units

Energy Efficient Designed to meet today's energy efficiencies by using Scroll Compressors with environmentally friendly R-410A refrigerant. Permanently lubricated condenser fan motors. Matching air handlers are available.

Lower In Maintenance Cost Maintenance is at a minimum with packaged, factory assembled system components. The AAON condensing unit comes with full service access compartments to make equipment inspection easy. Unit specific color-coded wiring diagrams are provided inside the unit control compartment.

Reliability With AAON Condensing Units, the equipment reflects proven reliability and continued engineering excellence. Many features are standard that are optional on most competitive models, and all units come with a range of options to accommodate the most demanding environmental control projects.

Wide Tonnage Range The CB Series Condensing Units are available 2 to 5 tons and also includes as premier options hot gas bypass and hot gas reheat for humidity control and increased comfort in the conditioned space.

The CC Series Condensing Units are available from 08 to 40 tons of cooling capacity with matching air handlers. Hot gas bypass provides freeze protection for the evaporator coil during light load conditions.

Low ambient operation down to 35°F is achieved by cycling condenser fan(s). This option also includes a time delay relay to bypass the low-pressure switch during startup.

The CL Condensing Units are available 45 to 230 tons with the option of either air-cooled or evaporative cooled condenser. Walk-in service and control vestibule provide access to the center of equipment operation.

Flexibility The AAON Condensing Unit can be used in a wide variety of applications with other AAON supplied equipment or with previously installed system components. These may be air handlers with DX cooling coils within the building or roof mounted air handlers requiring remote condensing units.



AAON Environmentally Friendly HVAC Product Family

Customer Commitment – AAON encourages environmentally responsible design by incorporating many energy saving features into our superior heating and cooling products. In addition to energy efficiency, AAON also offers environmentally friendly R-410A refrigerant capability in all our cooling and heat pump equipment. As countries throughout the world phase out CFC and HCFC refrigerants, R-410A is becoming the global standard and AAON is leading the way!



Rooftop Units



2 - 5 Tons



2 - 30 Tons



26 - 70 Tons



45 - 230 Tons

Condensing Units



2 - 5 Tons



8 - 40 Tons



45 - 230 Tons

Air-Cooled or Evaporative-Cooled Chiller



35 - 365 Tons

Boiler



500 - 6,000 MBH

Custom Indoor or Outdoor Air Handling Units



Direct Fired

1,500 - 100,000+ CFM



1,500 - 218,000 CFM • Indirect Fired



1,500 - 120,000+ CFM

Outdoor Air Handling Units



800 - 2,000 CFM



800 - 12,000 CFM



10,400 - 28,000 CFM



18,000 - 68,000 CFM

Indoor Air Handling Units



1,000 - 16,000 CFM



16,000 - 51,500 CFM



800 - 10,000 CFM

It is the intent of AAON to provide accurate up-to-date specification data. However, in the interest of ongoing product improvement, AAON, Inc. reserves the right to change specifications and/or design of any product without notice, obligation, or liability.

AAON® products are covered by one or more of the following U.S. patents: 5,738,167; 5,826,641; 5,839,505; 6,715,312; 6,792,767; 6,802,543; 6,929,452.

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