



Selection Guide

Unit	Unit Size – Tons												
	2	3	4	5	6	7.5	8.5	10	12.5	15	18	20	25
	SEER				EER								
48PG	14.0	14.0	14.8	14.6	12.0	12.5	12.2	12.0	11.4	11.4	11.6	11.6	11.0
50PG	14.1	14.1	15.0	14.8	12.2	12.7	12.4	12.2	11.6	11.4	11.6	11.6	11.0

48PG — Electric Cooling With Gas Heat Ranging From 56,000 Btuh to 400,000 Btuh
 50PG — Electric Cooling With Optional Electric Heat Ranging From 3 kW to 75 kW
 Ratings in accordance with ARI (Air Conditioning Refrigeration Institute) standards
 SEER — Seasonal Energy Efficiency Ratio, EER — Energy Efficiency Ratio

Factory-Installed & Certified Options

- Enthalpy Control Integrated Economizers
- Dry Bulb Control Integrated Economizers
- HACR Breakers
- Non-fused Disconnect
- Powered 115V Outlet
- Non-powered 115V Outlet
- Two Position Motorized Damper
- Power Exhaust
- Humidi-MiZer™ Adaptive Dehumidification System
- Coil Hail Guards
- Phase Loss Protection
- Manual Outdoor Air Dampers
- Fan & Filter Status Switches
- Stainless Steel Gas Heat Exchanger
- Electric kW Heaters
- MERV 8 Efficient Filters
- Special Coated Coil Protection
- High Static Fan Motors/Drives
- CO₂ Sensor
- Return Air Smoke Detector
- Supply Air Smoke Detector
- Many Other Specials Also Available

Benefits at a Glance

For Building Owners & Managers

- Advanced IAQ solutions
- Reduced operating expenses
- Reliable operation
- Supports LEED® certification
- Environmentally sound refrigerant

For Consulting Engineers

- Reliable performance
- Simple to select
- Reduced energy consumption
- Advanced IAQ solutions
- Single-source system

For Contractors

- Easy to start-up and operate
- Reduced installation expenses
- Easy to service
- Factory and field stocked
- Extensive factory-installed options

Turn to the Experts.™

Whatever your HVAC needs, from specifying and purchasing to installation and maintenance, Carrier has the solution. As the world leader in heating, ventilation and air conditioning, Carrier is committed to continually improving the quality of comfort for our customers.

From concept to finished product, your local Carrier sales representatives walk with you every step of the way. Whether you have one building, multiple sites nationwide, or special equipment and facility requirements, Carrier sales representatives will recommend a solution that fits your scope and budget.



Turn to the Experts.™



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Manufacturer reserves the right to discontinue, or change at any time, specifications or designs, without notice or without incurring obligations.





As the recognized leader in providing constant volume packaged equipment to the Heating, Ventilation and Air Conditioning (HVAC) market, Carrier once again demonstrates its leadership by providing a rooftop unit with ultra high efficiencies, combined with easy service and high reliability that utilizes Puron® refrigerant. And since Puron refrigerant is not affected by the 2010 Hydrochlorofluorocarbons (HCFC) ban, you can rest assured that the operating and maintenance cost savings provided by these Centurion™ Premium Packaged Rooftop units, available from 2 to 25 tons and in 13 sizes, will last.

Centurion rooftop units are now available with the EnergyX™ system which preconditions the rooftop's intake air allowing higher operating efficiencies and increased comfort control while reducing the cooling and heating capacity requirements of the Centurion. Also available, the Humidi-MiZer™ Adaptive Dehumidification system provides the Centurion an even greater degree of operational flexibility and enhances humidity control for consistently maintaining year round indoor comfort temperature and humidity levels.



CENTURION™ Premium Packaged Rooftops

Optimum Life-Cycle Performance

Efficiency

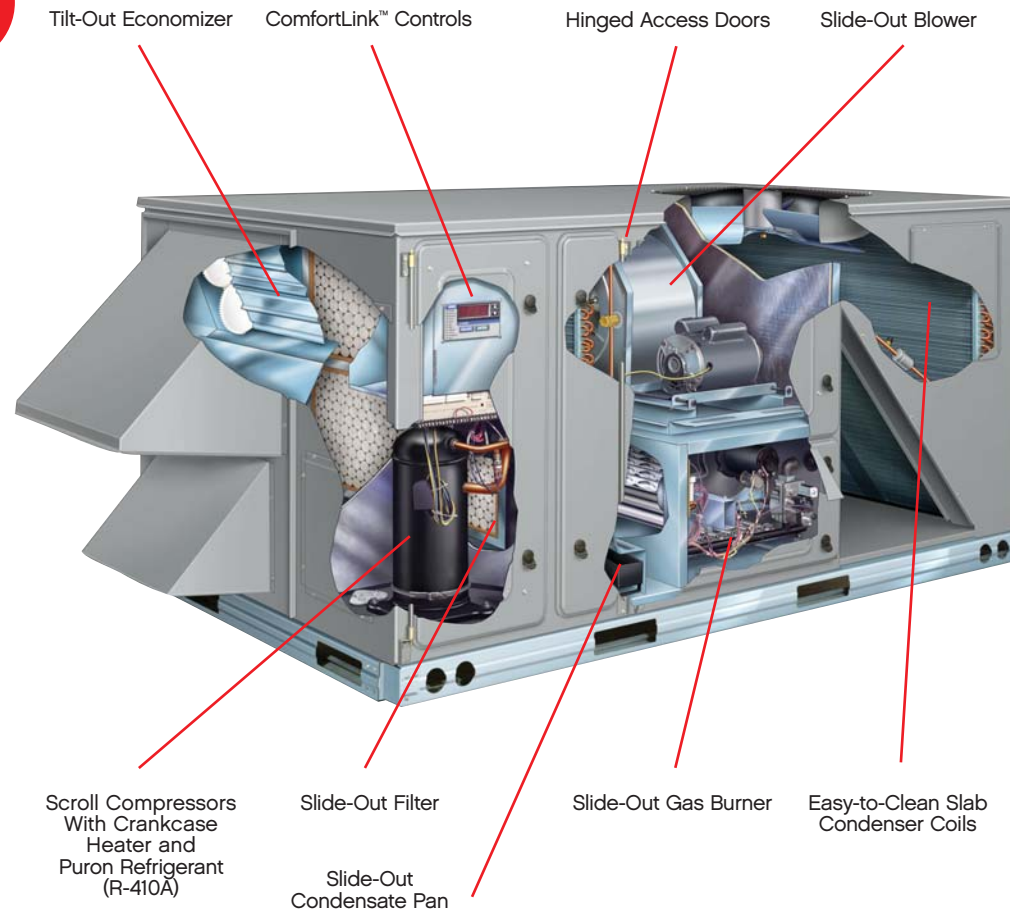
Centurion rooftops save you money in operating costs year-after-year. With efficiencies up to 15.0 Seasonal Energy Efficiency Ratio (SEER) and up to 12.7 Energy Efficiency Ratio (EER), Centurion rooftops exceed ENERGY STAR® and ASHRAE 90.1 standards. Additional financial benefits can be gained with local utility rebate initiatives and credits earned in the Green Building Council's Leadership in Energy and Environmental Design (LEED®) program.



Environmental Leadership

Carrier was the first manufacturer to introduce a non-ozone-depleting refrigerant — a full six years ahead of the competition, paving the way for the future. Once again, Carrier leads the way with its new line of Centurion rooftop units designed with environmentally sound Puron refrigerant. All of the Centurion rooftops from 2 to 25 tons come standard with Puron refrigerant.

Centurion 48PG With Optional Economizer



Serviceability

Carrier understands that the cost of ownership can be substantially more than the original purchase price of the equipment. In an effort to ensure your Centurion unit runs at peak condition and provides you with optimum life-cycle performance, we have made it easy to install, maintain and service. From the slide-out filter to the tilt-out economizer to the oversized, easily cleaned condenser coils, no other product has as many standard features.



Reliability

To provide precision comfort for years to come, Carrier designed each component of the Centurion rooftop for reliable operation. Reverse rotation protection, crankcase heaters and alarm history all ensure the continued performance of your Centurion system.

The Right Level of Control

Centurion rooftop units may operate as part of a communicating network or as a stand-alone unit. Units are available with electromechanical controls or with Carrier's ComfortLink™ Direct Digital Controller (DDC). Units may be connected to the 3V™ Packaged Control System to maximize comfort and utility costs or to a simple thermostat for space temperature control.

The 3V Packaged Control System is Carrier's commercial control system designed to maximize occupant comfort and minimize utility costs. It allows building devices to be accessed remotely or on-site, and ensures that building climate and energy control are operating according to specifications.

3V system components include factory-mounted unit controllers (like Carrier's ComfortLink control system), space temperature sensors, system interface devices, and preprogrammed light commercial building controllers that can be used in any combination to control building heating, ventilation, air conditioning equipment, lighting and many other ancillary devices.

For stand-alone units, Carrier's ComfortLink control system makes it easy to monitor and control each Centurion rooftop. A large scrolling marquee acts as a window into the unit's operation, providing easy-to-read information such as unit pressures, temperatures and a host of read/write functions, which allow the user to configure the unit for precise operation. This intuitive interface greatly reduces start-up and operator training time.

For all your comfort needs, Carrier has the right level of control.



Centurion Rooftop

- Gas Heat/Electric Cool — 48PG
- Electric Heat/Electric Cool — 50PG
- 2 to 25 Tons Puron Refrigerant



EnergyX™ System

- Energy Recovery Ventilator
- Fully Factory-Installed, Tested and Certified
- Available 2 to 25 Tons



3V System Pilot

- 6.0" H x 3.5" W x 1.25" D
- LCD Display
- Easy-to-Read, Full Text