

Packaged Rooftop Units

Staged Air Volume (SAV™) System

The Staged Air Volume SAV™ System saves energy and installation time by utilizing a Variable Frequency Drive (VFD) to automatically adjust the indoor fan motor speed in sequence with the units cooling, heating* and ventilation operation.

Energy Savings

- Compared to single speed indoor fan motors, SAV™ systems can save 25%+ in energy to help reduce operating costs**
- Improves unit Integrated Energy Efficiency Ratio (IEER)
- May qualify for utility rebates

Code Compliant

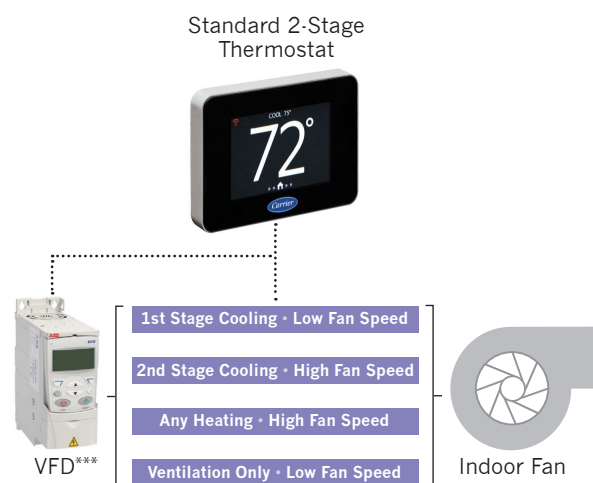
- Compliant with ASHRAE 90.1 – 2016 and IECC 2015 standards for multiple-zone HVAC systems controls and equipment
- Meets requirement for California Title 24 indoor fan speed control

VFD Benefits

- VFD comes pre-programmed for set fan speeds based on operation stage
- Tested and installed at the factory
- Soft start capability eliminates high in-rush air volume to help reduce noise in duct systems during speed change
- Provides indoor fan motor over current protection

Comfort Control

- Helps lower indoor humidity level at lower speeds by improving air over coil efficiencies
- Indoor fan speed is matched to cooling staging for better load profile control and occupant comfort
- Simple Set-Up and Operation
- Pre-programmed VFD allows simple fan pulley adjustments to establish fan performance settings
- No special training or certified start up is required
- Can be used with Wi-Fi and standard thermostat



Products	Available On Most
A/P/N Series Rooftops	20-150 tons
LC Series Rooftops	3-23 tons
TC/HC Series Rooftops	6-27.5 tons
40RU/38AU Light Commercial Splits	6-20 tons



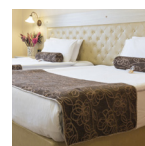
ARENAS



AUDITORIUMS



EDUCATION



HOSPITALITY



INDUSTRIAL



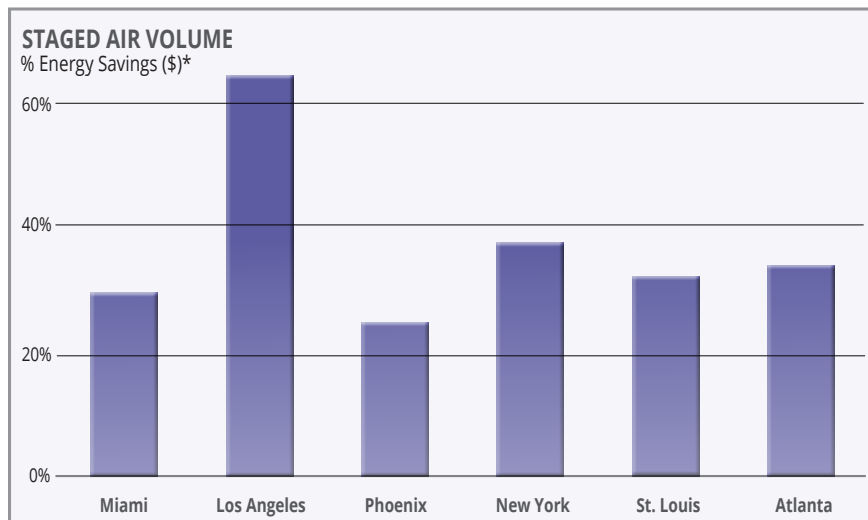
OFFICES



RETAIL

*Applied RTUs only
**See back page for details
***VFD unit is shown with optional keypad in place





***Annual estimated electric energy savings utilizing Carrier's Hourly Analysis (HAP) Program v4.6. Based on cooling and ventilation fan runtime hours using ASHRAE 90.1 office application, default schedule, weather and building data. Carrier model 48/50 TC 12 at .10 (\$/kWh) energy rate.

SAV is available on the following Carrier® Packaged Rooftop and Ductless Split System Units:



40RU/38AU



48/50 TC



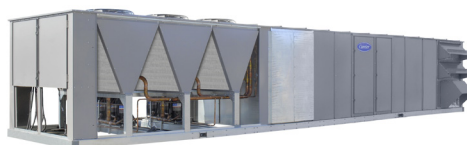
48/50 HC



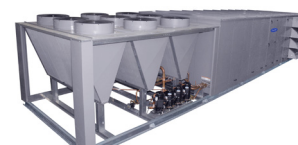
48/50 LC



48/50 A



48/50 P



48/50 N



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