### Selection Guide

**42C Horizontal Units**
- **42CA** Furred-in ceiling model with low silhouette
- **42CE** Furred-in ceiling model with factory-installed plenum
- **42CG** Under-ceiling mount cabinet model with stamped return-air grille
- **42CK** Cabinet model with telescoping flip-down panel

**42S Stack Units**
- **42SG** Furred-in stack for concealed applications or furred-in stack, master and slave units
- **42SH** Exposed stack for use where concealed installations are impractical
- **42SJ** Back-to-back, furred-in stack units
- **42SU** Furred-in universal stack units
- **42SM** Furred-in high capacity mega-stack units

**42B Belt-Drive Units**
- **42BH** Under-ceiling mount with or without electric heat
- **42BV** Floor mount in closet or mechanical room

### 42V Vertical Units
- **42VA** Furred-in model for under-window applications, top or front discharge
- **42VB** Cabinet model with top or front discharge
- **42VF** Cabinet model with slant top and top or front discharge
- **42VC** Furred-in lowboy model for concealed, under-window applications
- **42VE** Cabinet lowboy model with stamped discharge grille
- **42VG** Furred-in wall model

### 42D Ducted Units
- **42DA** Furred-in ceiling model for ceiling or over-closet installation
- **42DC** Furred-in ceiling model with factory-installed plenum
- **42DD** Vertical model with galvanized casing, common for closet installation
- **42DE** Ceiling model with galvanized casing
- **42DF** Exposed-ceiling cabinet model

### 42W Hydronic Cassette Units
- **42WK** Ceiling mounted low profile cassette with exposed fascia

### Benefits at a Glance

#### For Building Owners and Managers
- Reliable operation
- Delivers great occupant comfort
- Reduced operating costs
- Quiet operation
- Easy to maintain

#### For Consulting Engineers
- Simple to select
- Quiet operation
- System-integrated controls
- Single-source system design
- ETL certified products

#### For Contractors
- Extensive factory-installed options
- Reduced installation expenses
- Ideal for replacement
- Easy to service

### A Legacy of Training

Willis H. Carrier began training members of the heating, ventilation, air conditioning and refrigeration industry in 1905. Carrier continues to promote technical expertise in the industry with the expansion of its sustainable solutions curriculum and has recently been named a U.S. Green Building Council Education Provider (USGBC EP). To earn this status, Carrier’s course materials were reviewed by a panel of USBGC peers and deemed to provide the high level of quality required for training Leadership in Energy and Environmental Design (LEED®) professionals. The courses and workshops supporting LEED-Accredited Professional and Green Associates credential maintenance are administered through Carrier University.

### AirStream™ Room Fan Coils

- **1-800-CARRIER** www.carrier.com
- © Carrier Corporation 2013  Cat. no. 04-811-50032

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs, without notice and without incurring obligations.
Carrier's AirStream units are built to operate unobtrusively with quiet motors and fans. Each cabinet is lined with insulation for added sound absorption. A rugged, rigid construction also ensures a vibration-free operation at all fan speeds.

Quiet Operation
Carrier's AirStream units are designed to operate quietly with minimal noise, ensuring a comfortable environment for building occupants.

Multi-occupant structures come in all shapes and sizes. And while hotels, hospitals, schools and apartment buildings are all very different, they all have the same need — to provide a comfortable environment for the people inside. How do you create such an environment and, at the same time, minimize your investment, energy use and operating costs? By making Carrier AirStream™ fan coils part of your heating and cooling system, and providing building occupants with the ultimate in quiet and comfort.

Flexibility & Availability
When it comes to product range, no other selection of fan coils is more complete than Carrier’s AirStream product line. With everything from belt-drive to ducted units and unique stackable configurations — all in multiple models and capacities — AirStream units offer exceptional flexibility and availability. Have a tight project schedule? Carrier’s Quick Ship Program includes most standard models.

Reliability
AirStream fan coil quality offers reliable operation with reduced service and maintenance expenses. Carrier’s AirStream fan coils are easy to service with removable panels providing access to components and connections. All coils are factory leak tested and units are factory run tested prior to shipment.

Carrier's AirStream 42C, D, B series units have been tested on a shake table and certified by an accredited independent third party reviewing agency in compliance with requirements of IBC (International Building Code) and OSHPD (Office of Statewide Health Planning and Development) for California to withstand seismic events.

Affordable Installation
Each AirStream unit is designed to occupy a minimum amount of space making them ideal for retrofit applications. There are no complex system controls required. Piping, drain and wiring connections are readily accessible, and mounting holes and slots are predrilled to save installation time and field labor expenses. We also offer extensive factory-installed options to reduce installation expenses. We can provide factory-installed, low-voltage controls that simplify on-site wiring and prewired, prewired motorized valve packages. Pop-top valve actuators simply snap on and off, should the valve package require servicing.

The Right Level of Control
Team your AirStream fan coil with Carrier’s communicating Zone Controller or non-communicating Debonair™ thermostats and you gain powerful control over efficiency and comfort. These low-voltage digital controls utilize a SmartFan™ control, which automatically matches fan speed to run at the lowest setting capable of maintaining the room set point. These controls open up a world of options that allow you to adjust fan coil operation based on occupancy and actual cooling or heating requirements — and decrease energy usage and operating costs in the process.

Debonair stand-alone thermostats, available in nonprogrammable and seven-day programmable versions, provide efficiency and simplicity across the AirStream product lineup. Yet they’re surprisingly affordable with a long list of standard features, making them a powerful, economical alternative to networked controls.

AirStream fan coils reach their full money-saving potential and versatility when they operate as part of a Carrier i-Vu Open control system. The control system is a fully integrated, BACnet based, intelligent control system that reduces costs by identifying and meeting each zone's temperature, humidity and ventilation requirements. At its heart is Carrier’s fan coil open controller, a precise, powerful interface that controls and synchronizes the operation of the fan coil in each zone.

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

SEISMIC COMPLIANT
*Meets IBC 2006, ASCE-7-05, CBC 2007 and OSHPD seismic requirements.

Flexible supply and return locations provide complete flexibility on supply location.

Full risers built into unit, reducing field installations.

Reducing field installations. The new universal stack unit is designed for easy field configuration.

All systems require only one field power and a simple riser connection.

Reduces installation costs by 10% to 20% compared to other systems.

New universal stack unit is designed for easy field configuration.

System-integrated controls.

Low sound level.

Full risers built into unit, reducing field installations.

Reducing field installations. The new universal stack unit is designed for easy field configuration.

All systems require only one field power and a simple riser connection.

Reduces installation costs by 10% to 20% compared to other systems.

New universal stack unit is designed for easy field configuration.

System-integrated controls.

Low sound level.

42C Horizontal Units
- 200 to 1,200 CFM
- Low silhouette minimizes space requirements and adds versatility.
- PSC or EC motors
- Hydronic, Steam, or DX coils
- MERV 8 filter option
- IBC and OSHPD seismic certification

42S Stack Units
- 300 to 2,000 CFM
- Require only one field power and a simple riser connection
- Reduce installation costs by 10% to 20% compared to other systems
- New universal stack unit is designed for easy field configuration

42D Ducted Units
- 600 to 2,000 CFM
- Horizontal and vertical configurations
- High Static PSC or EC motors
- Hydronic, Steam, or DX coils
- MERV 8 filter option
- IBC and OSHPD seismic certification

42V Vertical Units
- 150 to 1,200 CFM
- Furred-in or cabinet models offer front or top discharge
- “Lowboy” under-window models save space
- PSC or EC motors
- Hydronic coils
- MERV 13 filter option
- High capacity coils
- Slide out blower and motor assembly for ease of service

42WKN Hydronic Cassette Units
- 250 to 1,160 CFM
- Ideal for retrofits with suspended ceilings
- Provides spot cooling in buildings with variable loads
- System-integrated controls
- Low sound level

42B Belt-Drive Units
- 600 to 4,000 CFM
- Horizontal and vertical configurations
- FACTORING-BALANCED FANS
- IBC and OSHPD seismic certification
- Extensive factory-installed options
- Easy to maintain and service
- MERV 11 filter option

42K 4200 CFM
- 200 to 1,200 CFM
- Low silhouette minimizes space requirements and adds versatility.
- PSC or EC motors
- Hydronic, Steam, or DX coils
- MERV 8 filter option
- IBC and OSHPD seismic certification

42K Vertical Units
- 150 to 1,200 CFM
- Furred-in or cabinet models offer front or top discharge
- “Lowboy” under-window models save space
- PSC or EC motors
- Hydronic coils
- MERV 13 filter option
- High capacity coils
- Slide out blower and motor assembly for ease of service

42K Horizontal Units
- 200 to 1,200 CFM
- Low silhouette minimizes space requirements and adds versatility.
- PSC or EC motors
- Hydronic, Steam, or DX coils
- MERV 8 filter option
- IBC and OSHPD seismic certification