

WSHPs Now Offer Integrated i-Vu® Controls

Great news! Carrier Water Source Heat Pumps (WSHPs) are now available with factory integrated i-Vu controllers on all Aquazone™ 50 series commercial WSHPs.

These native BACnet® i-Vu controllers feature a sophisticated, factory-engineered control program that continuously monitors and regulates heat pump operation with reliability and precision. They also support plug-and-play connectivity to the powerful i-Vu® web-based Building Automation System, making it easy to monitor and control the WSHPs from anywhere in the world and around the clock. Or, if local monitoring and control is desired, the i-Vu Touch local user interfaces can also be utilized.

These i-Vu controllers are also capable of stand-alone operation, or they can be integrated with any other Building Automation System using the BACnet®, Modbus®, LonWorks®, or N2 protocols.

Water-to-Air WSHP Open Controller

This integrated i-Vu controller provides up to three speeds of independent fan speed control, a waterside economizer, and reheat capabilities to help ensure occupant comfort.



Water-to-Water WSHP Open Controller

This integrated i-Vu controller provides 4 stages of capacity control (up to 3 compressor stages), to maintain entering or leaving water temperature. For larger installations, a total of up to 8 stages may be controlled as a single heating or cooling source. One controller will operate as the master, coordinating others in the system.



Controls Expert ES Certification Level Now Available

The Controls Expert Encompass System (ES) tier of certification is now available! This is the highest level of certification within the program. To qualify for the ES tier certification, a Controls Expert Office must meet the following requirements:

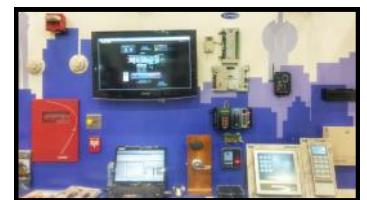
- 1) Receive pre-approval to qualify by the Regional Carrier Commercial Sales General Manager;
- 2) Maintain i-Vu System (IS) Certification for 1 year;
- 3) Employ at least one technician that has fulfilled all 3 tiers of Certification: Comfort System (CS), i-Vu System (IS) and Encompass System and;
- 4) Complete 2015 requirements including SNAP and Third Party Integration.

Controls Expert technicians are required to attend all classes for exam eligibility. There is no allowance for "Grand-Fathering" in any tier of certification within the Controls Expert Program, which means all technicians must complete the course work and associated exams to qualify.

Q2 2015



What's New?



The Carrier Mexico team showcased the i-Vu® Building Automation System at ExpoSeguridad.

ComfortDRAW Stencils Now Available



Become a Carrier Controls Expert!



The Controls Chronicle

i-Vu System Installed at Carrier University

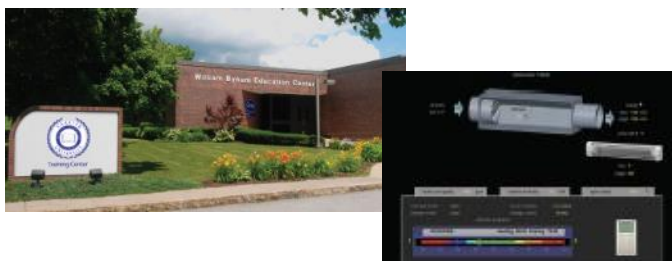
The Carrier University Training Center, also known as the William Bynum Education Center was built in 1974 and is a 19,500² feet single-story building. The facility houses classrooms and labs for heating, ventilation, and air conditioning (HVAC) students.

The center used (3) original Carrier 25-ton outdoor condensing units and air terminals. The units and terminals were still in good condition but the system lacked a cutting edge building automation system to provide maximal efficiency and occupant comfort. Spring and fall — which in the Northeastern U.S. are characterized by fluctuations of temperature and therefore varying heating and cooling needs — posed a particular challenge to the original system.

Carrier engineers were able to design an upgrade that incorporated most of the existing equipment. The upgrade also included replacing the existing controls system with the i-Vu[®] Building Automation System for easy access, monitoring and adjustment from any web browser.

With the upgraded system, all spaces in the center have the right temperature the right pressure and the right mix of air at any time of day. And the new control system helped achieved a 34 percent reduction in kWh, a savings well in keeping with the Carrier tradition of leadership in energy performance.

For more information, click [here](#) to read the full case study.



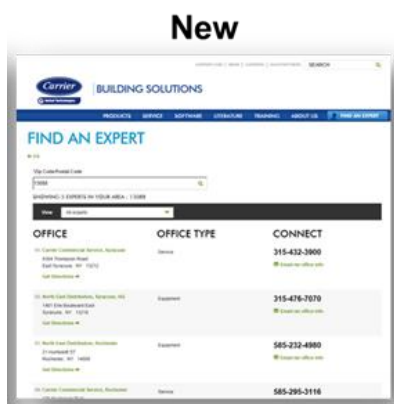
Carrier.com Offers New Controls Expert Geo-Locator

With the recent announcement of Carrier's [new commercial website](#), the geographical office locator was also updated. The new geo-locator is much easier to use, takes less clicks to find an office and is mobile-friendly.

Customers can now select "FIND AN EXPERT" from any screen to receive the complete list of offices available to them including Controls Experts, Service, Light Commercial Equipment, and Applied Equipment. Filters can then be applied to quickly find the office type they are seeking.

With this new update, we have adjusted the criteria to display an office. Offices will now be listed from highest certification level to lowest, and then based on geographical distance within 50 miles of the zip code searched. The search radius for each tier will be expanded by 50 mile increments up to 200 miles maximum until at least three offices for that tier are displayed.

Please check out our new locator at www.carrier.com/controls.-experts.



Q2 2015



CONTROLS EXPERT

Training Calendar

Georgia Training Center



To register, please contact your local Carrier office.

7/14/15 - 7/17/15 (IS Tier):
Field Applied & User Interface

8/31/15 - 9/3/15 (CS Tier):
Carrier Best Practices (for Carrier Service & Distributors only)

9/1/15 - 9/2/15 (ES Tier):
SNAP ES Training

Carrier University



7/6/15 - 7/8/15: ECS571
[i-Vu Open Applied Controllers](#)

7/8/15-7/9/15: ECS581
[i-Vu Open SNAP Custom Programming](#)

7/13/15-7/16/15: ECS555
[i-Vu Application Specific Controls](#)

7/20/15-7/22/15: ECS511
[i-Vu CCN Standard & Plus](#)

8/3/15: ECS561
[i-Vu Open Web Interface](#)

8/10/15-8/12/2015: ECS591
[i-Vu Open 3rd Party Integration](#)

8/18/15-8/19/2015: ECS111
[Introduction to Carrier Network Controls](#)

8/20/15-8/21/2015: ECS121
[Introduction to i-Vu Open Control Systems](#)