



All of the control you want. None of the hassles.



- Touchscreen user interface
- Familiar Johnson Controls HVAC system components minimize installation and commissioning
- Factory mounted and wired terminal devices save installation time with preconfigured controller and actuator
- Adjustable default logic parameters optimize HVAC zone control
- Innovative DDC zone controllers provide reliable control with minimal commissioning
- Web browser-based interface allows for remote monitoring and integrates with existing IT technologies
- Specifically engineered to work with Johnson Controls single packaged HVAC units

Johnson Controls Commercial Comfort Systems now include factory-packaged controls that will change the way you approach comfort control. We thought, what if we could take the industry's most sophisticated building automation technology and adapt it to create a new kind of affordable system that delivers greater reliability and comfort. But, make it simple to install and maintain.

[Controls that only need ductwork to work](#)

With this system, you get patented Johnson Controls technology in a complete, factory-assembled package of equipment, controllers, sensors and terminal units. Plus, a sleek, innovative touchscreen user interface provides a simple way to control building comfort. It's easy and economical to install because it's self-configuring – no programming needed. The controllers are self-tuning to predefined settings. Plus, you can operate it without any specialized controls knowledge.

CONTROLS

A simple and complete network

The basic system includes a supervisory controller, factory-installed single packaged unit controller, terminal units, zone sensors and bypass damper assemblies. It provides cooling and heating to zones served by constant volume single packaged units.

Supervisory Controllers

Both the system manager and zone coordinator use the intuitive color touchscreen user interface. You can schedule, trend and adjust parameters for the entire facility with either device. Supervisory controllers include predefined point lists for the appropriate mechanical equipment configuration. You can also access the supervisory controller with a remote user interface via a standard web browser connected to the building network.

Zone Coordinator

This device reads individual zone requirements and places the single packaged unit into heating or cooling mode as appropriate.



System Manager

The system manager requires no programming and controls up to 24 constant volume single packaged units, 10 zone coordinators and 4 input/output modules. It self-configures the user interface based on information from the controllers connected to the network.

Zone/Bypass Controllers

The zone and bypass controllers are application specific, factory programmed digital controllers mounted in zone and bypass damper assemblies. They provide simple zone and pressure control of the mechanical equipment. A factory-mounted and wired pressure sensor (for bypass controller) and actuator reduce installation and commissioning time. Fast response actuator drives the damper from full open to full closed in 60 seconds providing for improved comfort control. Continuous loop tuning is accomplished through patented proportional adaptive control technologies.

Input/Output Module (IOM)

The IOMs use the system manager to monitor auxiliary input points and integrate building loads such as lighting and exhaust fans with facility occupancy schedules.

Universal Single Packaged Unit Controller

The universal single packaged unit controller allows for the integration of non-Johnson Controls single packaged units within a network. It controls the single packaged unit to maintain zone temperatures as appropriate and includes provisions for field mounting, up to two stages for heating and cooling. Advanced control algorithms simplify commissioning and deliver accuracy.

