Simplicity® Intelli-Comfort™ II Controls

IntelliSpeed™ Multiple Speed Air Volume Fan Control

FRASER-JOHNSTON
Heating • Air Conditioning
Simplicity® Intelli-Comfort II™ Controls

Enjoy powerful capabilities without complexity. Easy to set-up, program, and use, Intelli-Comfort™ controls give you everything you need to monitor and control 6.5-12.5 ton units and 15-25 ton units. And because they can be connected with your HVAC Energy Management System, you can save even more by making the Simplicity® controls intelligence part of your building automation strategy.

More intelligence for more capabilities.
Intelligent Simplicity® hardware and software give you better monitoring, more flexibility in control set-up, and finer control of every aspect of your HVAC system. Plus, smarter control adds up to greater savings by realizing the operational health of the HVAC system and providing system component protection and troubleshooting.

More control for greater comfort.
More flexible control means more comfortable, happier, and more productive occupants—thanks to the ability to optimize temperature, humidity, and indoor air quality simultaneously.

More compatibility for more flexibility.
Simplicity® controls are compatible with the MODBUS RTU protocol and are factory-installed and wired to simplify installation on a wide range of systems. Also, the optional factory or field installed SimplicityLINC™ allows the control to communicate with popular ASHRAE supported BACnet® MSTP protocol.

Cut costs three ways:
1. Use less energy through smarter control of fans, economizer dampers, compressors and other equipment functions.
2. Centralize control and monitoring for convenient access.
3. Improve monitoring for predictive maintenance and fewer service calls.
Key Intelli-Comfort II™ Features and Benefits

- Factory installed option on 15–25 ton and 6.5–12.5 ton systems
- 365-day real time clock
- Occupancy schedule
- 20 holiday schedules
- Energy-saving economizer operation
- Differential IAQ operation
- Comfort ventilation control
- Temperature humidity algorithm
- High and low ambient lockout
- Space temperature alarm
- Airflow proving
- Intelligent recovery
- BACnet® MSTP communication protocol capabilities with optional SimplicityLINC™

Intelli-Comfort II™ Variable Air Flow Technology

Variable Volume Fan Energy Savings

- The Intelli-Comfort II technology varies the fan speed and compressor stages based on building zone conditioning requirements. The variable air volume technology of the Intelli-Comfort II control provides substantial energy savings with superb temperature and humidity control.
- Improved space temperature and humidity control can be realized along with total unit energy reduction up to 50%.*
- Fan energy is reduced by up to 80% with the Intelli-Comfort II variable air volume option.*
- System efficiency increases dramatically with Intelli-Comfort II VAV technology by varying both airflow and compressor operation based on individual zone requirements.

IntelliSpeed™ Multi-Speed Fan Technology

- The IntelliSpeed technology varies the fan speed based on the number of compressor stages providing beneficial comfort and energy savings.
- Improved space temperature and humidity control can be realized along with total unit energy reduction up to 50%.*
- IntelliSpeed Technology meets ASHRAE 90.1-2010 and Title 24 for both reduced supply fan airflow and outdoor air requirements.
- Part-Load IEER (Integral Energy Efficiency Ratio) improvements realized when running at part-load.

*Typical energy saving results will vary based on application and other factors.
Make a smart choice: Fraser-Johnston®

Choosing the right dealer is the first step in selecting the best system for your application. Your Fraser-Johnston® Dealer is trained to give you professional services, including:

- An evaluation of factors such as your application’s size, age, number of rooms, climate characteristics and utility costs
- A system recommendation that fits your comfort needs, your usage patterns and your budget
- The assurance of proper installation and customer care, including warranties and maintenance options

Stay comfortable for years to come.

Fraser-Johnston is proud to offer the Fraser-Johnston® Performance Promise™ Protection Plan. It’s designed to maintain your system as well as your peace of mind. With Fraser-Johnston® Performance Promise™ Protection Plan you get total protection that ensures your unit is effective and efficient for years to come. What’s more, your Fraser-Johnston® Dealer offers maintenance agreements that provide upkeep while maximizing the warranty provisions. Ask about the Fraser-Johnston® Performance Promise™ Protection Plan. A little extra coverage is always a comforting idea.

Trusted products. Reliable service.

By partnering with one of the most respected and trusted brands in the world, you can rest assured that our knowledgeable professionals will help you choose the perfect comfort system that’s right for your application. Our technicians ensure that the installation and maintenance of your system provides maximum quality, comfort and efficiency for years to come.

When you want it done right the first time, contact your Fraser-Johnston® Dealer.