NEW PRODUCT INNOVATION

LENNOX COMFORTSENSE® 8500

COMMERCIAL PROGRAMMABLE THERMOSTATS

NEW SERIES OF ADVANCED CONTROLS MAKES IT EASY TO SAVE ENERGY AND ENHANCE COMFORT.

For light commercial applications that require precise control of HVAC operations, the ComfortSense® 8500 thermostat series is the simple answer. Designed for easy integration with premium Lennox® equipment, such as Energence® Ultra-High-Efficiency rooftop units with the Prodigy® control system, ComfortSense 8500 thermostats can manage up to four stages of heating and cooling to maximize comfort and keep energy costs low. All models have built-in humidity sensors and fault detection, and one model also comes with a CO_2 sensor. Even with these sophisticated capabilities, each touchscreen thermostat can be quickly installed as a stand-alone 7-day programmable device, or it can be configured as a sensor.

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LENNOX® COMFORTSENSE® 8500 COMMERCIAL PROGRAMMABLE THERMOSTAT SERIES

EFFICIENCY ADVANTAGES ARE JUST THE BEGINNING.

In light commercial applications, ComfortSense® 8500 thermostats integrate easily with Lennox® packaged rooftop units* with the Prodigy® control system. Each model can function as a fully programmable thermostat and requires only four wires for installation. Each thermostat offers temperature and humidity monitoring capabilities. One model is available with a built-in CO_2 sensor.

Leading the Industry

ComfortSense 8500 touchscreen thermostats are among the first in the industry to use four wires to connect to HVAC system components and allow full interoperability for commercial applications. A built-in CO_2 sensor and intelligent diagnostics allow select models to provide sophisticated capabilities that go beyond temperature control.

Features that Save Energy

Because they are designed for integration with Energence® high-efficiency rooftop units with the Prodigy control system, ComfortSense 8500 thermostats can precisely control multiple stages of heating and cooling and up to seven different blower speeds.** The thermostats also give the rooftop units the ability to fully modulate capacity to enhance system efficiency, even in thermostat mode.***

Installation and Service Made Simple

Four-wire installation saves time and minimizes the potential for mistakes. Two twisted-pair wires are all that is needed for most applications. Fault detection and diagnostic capabilities streamline the troubleshooting process for technicians and help them avoid extra trips to the roof.

Code Compliance

ComfortSense 8500 thermostats are in compliance with codes that mandate fault detection and diagnostics for HVAC equipment. For applications where demand-controlled ventilation (DCV) is required, select models come standard with built-in CO_2 sensors to facilitate system implementation.

Technologies that Get the Job Done

ComfortSense 8500 thermostats are built for simple temperature control, but they can also be used to monitor and manage humidity and CO_2 levels. The backlit, 4.3-inch color touchscreen with intuitive interface allows easy oversight of HVAC equipment with diagnostic notifications and maintenance reminders.

Improved Comfort and Control

Premium Lennox equipment, such as Energence Ultra-High-Efficiency rooftop units, have capabilities ranging from multi-stage heating and cooling to variable-speed compressor operation. ComfortSense 8500 thermostats are designed to get the most performance from these highly advanced commercial HVAC products, without the need for a sophisticated building automation system.

*3- to 50-ton sizes
**For equipment with Multi-Stage Air Volume (MSAV) option
***When paired with 3- to 6-ton Energence Ultra-High-Efficiency units