SE7600F Series

Roof top terminal equipment controllers for modulating heat

Maintaining fresh air requirements for buildings located in colder climates has always been a challenge. In low outdoor air temperature conditions, supply air is often too cold to be used directly without conditioning when no heating demand is present. This creates an uncomfortable environment for occupants that is difficult to control.

The new Schneider Electric™ SE7600F Series roof top terminal equipment controller with modulating heat makes your building more comfortable while still meeting ventilation codes for minimum building fresh air requirements.

The SE7600F is easy to install and includes modulating heat functionality. This allows for the addition of an extra supply air temperature control loop to better control and condition the supply air levels, providing a more comfortable occupant environment.

This easy-to-install wall-mounted SE7600F room controller features an easy-to-read digital display and built-in commissioning and configuration utility, temperature sensor, optional humidity sensor, and optional passive infrared (PIR) occupancy sensor cover.

Open protocol design provides compatibility to BACnet® MS/TP and wireless ZigBee® network systems. Our network ready “stand-alone” versions can be field retrofit with optional communication modules that enable the SE7600F to be integrated into virtually any building automation system as building requirements change.

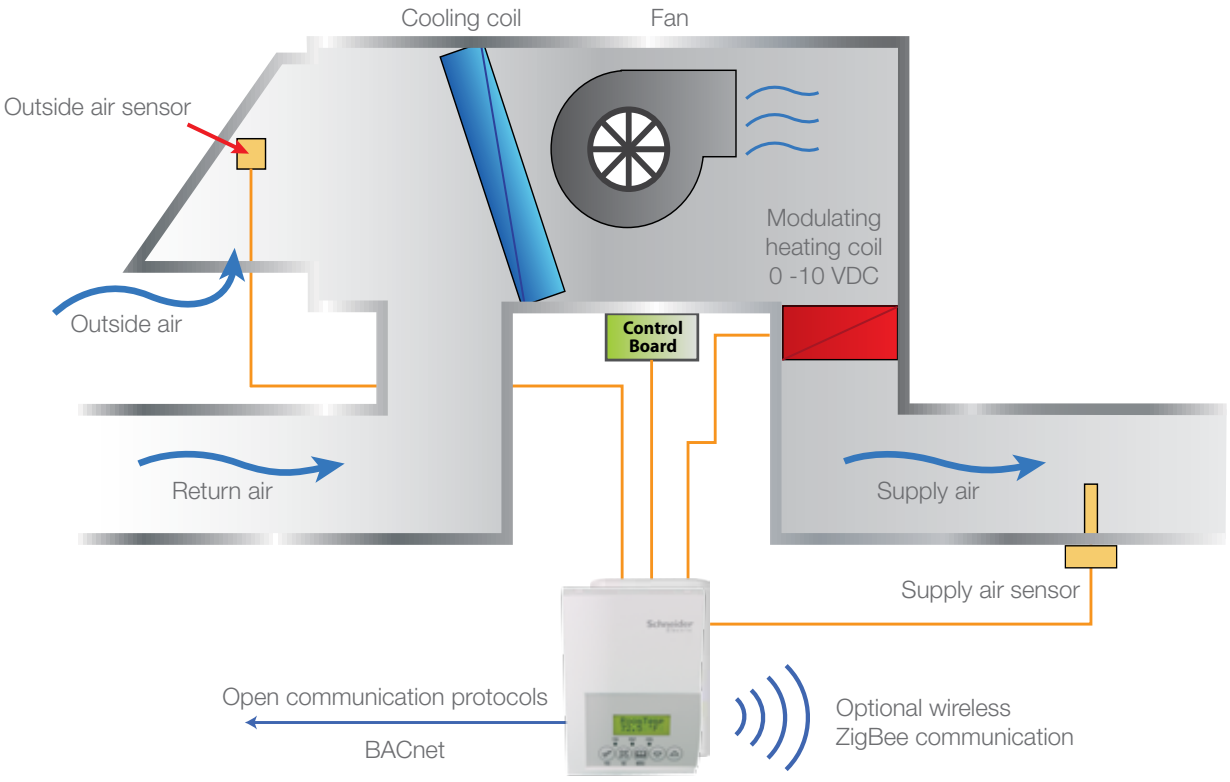
No previous building automation training is required for the easy installation and commissioning process. Installation can be completed in fifteen minutes.

Schneider Electric

Features and benefits

Features	Benefits
Function with any open protocols	Allows for easy integration into any network system, such as BACnet, ZigBee
Network ready units can be retrofit in the field with optional communication modules	Easy network setup and integration at any time
One simple wall-mounted device to install, wire, and commission	Lower total installed cost
Application-specific controllers	Can be configured to meet most-used applications
No special software required for configuration	Lower costs associated with configuration
Fully embedded local configuration utility	Provides quicker and less expensive setup
Factory-installed passive infrared (PIR) occupancy sensor	Provides additional automatic energy savings
Advanced occupancy and monitoring functions	Allows for more flexible energy savings
Available with 7-day scheduling	Allows for scheduling functions even in standalone models
Available with economiser or humidity control strategies	Allows for free cooling to be used and improves overall comfort

Typical application



SE7600E Series ordering matrix

SE76 □□ F □□ 45 □

Programmability:
- -0 = No local scheduling/ non programmable
- -5 = Local scheduling/ programmable

PIR options:
- -50 = PIR ready, but PIR cover not included
- -55 = Factory assembled with PIR cover

Communication options:
- -B = BACnet MS/TP
- -E = Echelon
- -W = ZigBee wireless
- - = Network ready

Economiser/Humidity control:
- -0 = No local scheduling/non programmable
- -2 = Local scheduling/programmable
- -5 = With economiser, no local scheduling/non programmable
- -6 = With economiser, local scheduling/programmable
- -7 = With humidification/dehumidification control

Example:
SE7652F5045E
- Roof top controller
- Local scheduling or programming
- 1H/2C application
- PIR ready
- Echelon wireless communication

* Some part number configurations may not be available. Please refer to the tables for available versions.