

SE7300 ECM Series



ECM fan coil controllers

Recently, engineers are commonly specifying fan coil units that function with electronically commutated motors (ECMs), which offer better energy efficiency and reduced operating costs. The latest Schneider Electric™ SE7300 ECM Series controller allows you to capitalise on this additional energy savings by allowing you to optimise the fan control sequences of electronically commutated motors.

The Schneider Electric ECM fan coil terminal equipment controller is optimised to offer full proportional operation versus the traditional three-speed tap operation. The end user can now benefit from better control, increased efficiency, and a more comfortable environment.

This wall-mounted room controller features an easy-to-read digital display and built-in commissioning and configuration utility, temperature sensor, and optional humidity and passive infrared occupancy sensor (PIR) cover. This network ready controller is available in both BACnet® and wireless ZigBee® models. No previous building automation training is required for the easy installation and commissioning process. Installation can be completed in fifteen minutes, reducing overall installation time and providing increased savings and faster return on investment.

Features and benefits

Features	Benefits
Advanced fan sequence of operation	Provides full optimization of the ECM fan motor energy-saving opportunities
Proportional control fan mode	Uses industry standard 0 - 10 VDC control signal
Lockable keypads for tamper proofing	No need for terminal equipment controller guards
Built-in PIR functionality	Provides automatic increased energy savings through advanced occupancy settings
Advanced occupancy functions	More flexibility for the end user
Configurable fan functions	Auto fan speed mode
Onboard configuration setup utility	Easy installation
Three configurable inputs	Provides opportunities for extra monitoring functions

SE7300 Series ordering matrix

SE73 45

Humidity sensor and control:
 -0 = No humidity sensor
 -5 = Internal humidity sensor

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

-ECM = For fan coil applications that have ECM motors

Compatibility:
 -C = Floating or on/off digital control outputs
 -F = Analogue 0 - 10 VDC control outputs

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

Control key function:
 -0 = Override, for commercial applications
 -5 = °C/°F, for hotels/lodging applications

Example:
SE7355C5545B

- Fan coil
- Internal humidity sensor
- Hospitality
- Floating control
- Factory installed PIR cover
- Schneider Electric branded
- BACnet communications

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