SE7000 Room Controllers with Integrated PIR Motion Sensor

The SE7000 series room controllers can be equipped with an integrated passive infrared (PIR) motion sensor, representing a new era in smart energy management.
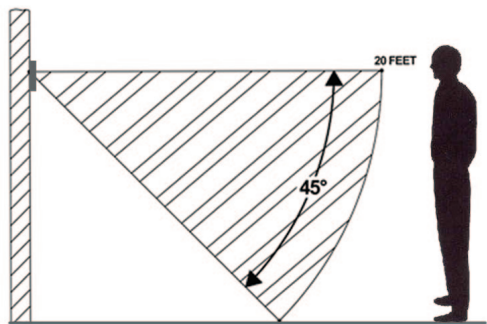
Our whole line of SE7000 room controllers offer a cost-competitive product that increases occupant comfort while reducing customer energy costs and accelerating return on investment.

A PIR cover is available pre-installed by the factory or as a separate item for field installation.

Typical Implementation Overview

PIR occupancy functionality represents a typical non-scheduling stand-alone application without any network support.

The system can be left in unoccupied mode for extended periods of time and will only become active to occupied levels when there is activity detected in the room.
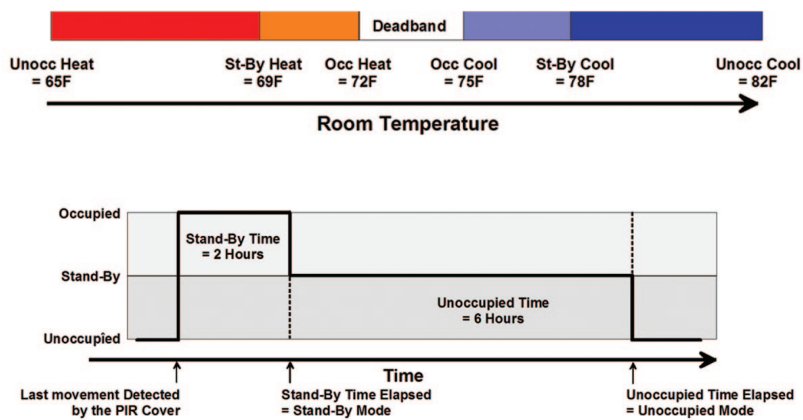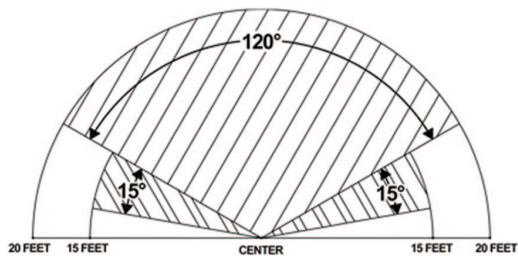
Product Highlights:

- Increased energy savings by adjusting temperature set points in unoccupied zones during scheduled periods.
- Compatible with all SE7000 models
- Factory or field-installed versions available
- A diagnostic LED inside the PIR facilitates commissioning by providing visual confirmation of motion during the first 30 minutes of service
- Extends equipment lifespan
- Markets include hospitality, education, commercial buildings and military bases
- Applications include zone, roof top, fan coil and heat pumps

Typical vertical detection pattern for PIR lens

Typical horizontal detection pattern for PIR lens

PIR Equipped Controllers Matrix

Please refer to the following matrix when ordering controllers:

Schneider PIR cover part number	Description	Compatible with the following controllers
COV-PIR-FCU-C-5045	PIR cover with commercial FCU interface	SE73x0X5045(x)*
COV-PIR-FCU-L-5045	PIR cover with hotel or lodging FCU interface	SE73x0X5045(x)*
COV-PIR-RTUHP-5045	PIR cover for roof top and heat pump controllers	SE76xx0X5045(x)*
COV-PIR-ZN-5045	PIR cover for zoning controllers	SE7200X5045(x)*

*Note: Factory installed PIR covers are designated by the numerical code 55 in the model number such as SE7600A**55**45E