



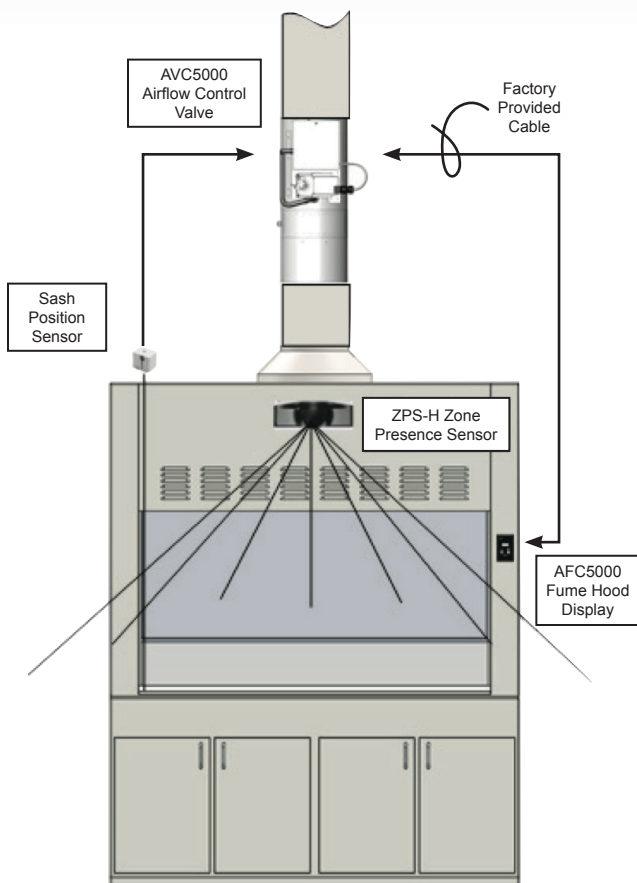
Hood Presence Sensor ZPS-H

Use with the AVC Fume Hood Control System



The Accutrol ZPS-H Hood Presence Sensor is an energy saving addition to the AVC Fume Hood Control System.

The Accutrol ZPS-H creates an operator detection zone to determine occupancy at the fume hood. When an operator's presence activates the sensor, the ZPS-H sends a signal to the Accutrol Fume Hood Controller for "normal operating mode." This places the independent fume hood control system into an occupied condition of operation for the appropriate airflow. When personnel are absent from the fume hood operating zone, the ZPS-H sends a signal to the Accutrol Fume Hood Controller for "setback operating mode." This places the independent fume hood control system into an unoccupied condition of operation for appropriate airflow.



Your representative is:

Overview

- Visible LED's to verify activation in normal operating mode
- Easy installation and set-up
- Configurable detection zone accommodates various fume hood widths, heights and corridors
- Coverage up to 500sf and 12ft from sensor when mounted at 8ft
- Easy set-up of sensitivity
- Adjustable time delay through AVC
- Lowers fume hood energy consumption
- Can be mounted up to 15' above floor

Additional Accutrol Product Reference

Accutrol AVC Fume Hood Control System

Specifications

PERFORMANCE

| | |
|-----------------------------|--|
| Frequency | 24.125 GHz \pm 50 MHz (K-band) |
| Detection Method | Initial Detection: Doppler Shift Radar with continued detection down to 1/4" per second movement |
| Detection Pattern | Selectable, wide or narrow |
| Detection Angle | Adjustable, 21° to 90° \pm 25° left/right |
| Directionality | Switch selectable, unidirectional or bidirectional |
| Range | Adjustable (range pot.) |
| Max. Mounting Height | 15' (4.5m) |

ENVIRONMENTAL

| | |
|------------------------------|--------------------------------|
| Operating Temperature | -22° to 158° F (-30° to 70° C) |
|------------------------------|--------------------------------|

ELECTRICAL

| | |
|--------------------------|-------------------------------|
| Input Power | 12V to 24V AC or DC \pm 10% |
| Power Consumption | 3.5W maximum |
| Output Contact | Form C, Rated at 1 Amp |
| Output Power | 5mW typical, 2mW minimum |
| Hold Time | Adjustable, 1.5 to 5 seconds |

CONSTRUCTION

| | |
|-----------------|---|
| Mounting | Flush mounted Optional universal mounting bracket (ZPS-MB) |
| Color | Flat black |
| Weight | <1 lb. (0.45kg) |
| Size | 6-1/2"W x 1-7/8"H x 2-3/4"D (16.5cmW x 4.8cmH x 7cmD) |