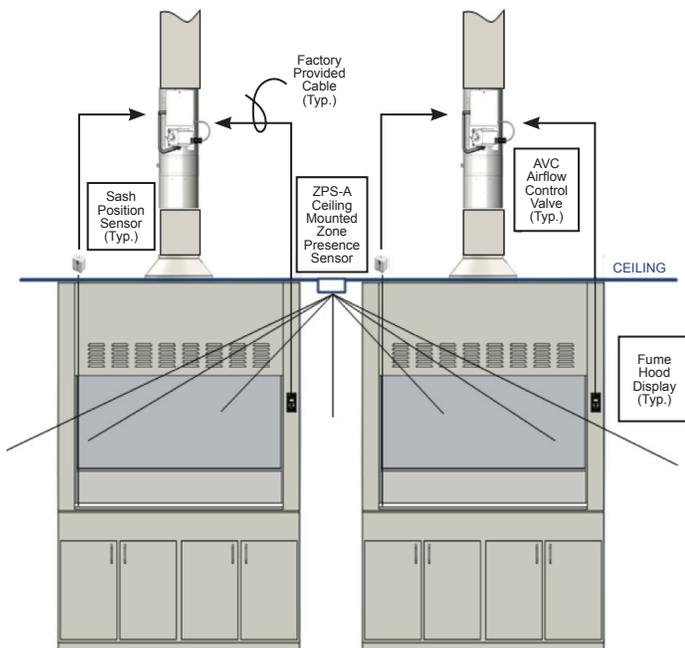# ACCUTROL ®
LLC

Area Presence Sensor ZPS-A

Use with the AVC Fume Hood Control System

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

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

Overview

- For safe occupancy detection of multiple fume hoods concentrated in one area
- 100% digital PIR detection
- Multi-level Fresnel lens with field of view of 360° (masking for specific area)
- Coverage up to 500sf and 12ft from sensor when mounted at 8ft
- Easy installation and setup
- Adjustable time delay through AVC
- No field calibration required
- Lowers fume hood energy

Additional Accutrol Product Reference
Accutrol AVC Fume Hood Control System

Specifications

PERFORMANCE	
Detection Method	PIR Detection Detection signature analysis eliminates false triggers; Provides immunity to RFI and EMI
Detection Pattern	360° Coverage (masking for specific area can be inserted)
Max. Mounting Height	8 to 15' (2.4m to 4.5m)

ELECTRICAL	
Input Power	12V to 24V AC or DC ±10%
Power Consumption	37mA @ 24VAC, 37mA @ 24VDC
Output Contact	Isolated relay with normally open and normally closed outputs; rated 1 Amp @ 24VDC/VAC

CONSTRUCTION	
Mounting	Ceiling tile or round mudring
Color	White
Size	3.3" Diameter (85mm) 2.2" Depth (56mm) Extends approximately 0.36" (9.1mm) from ceiling

Your representative is: