

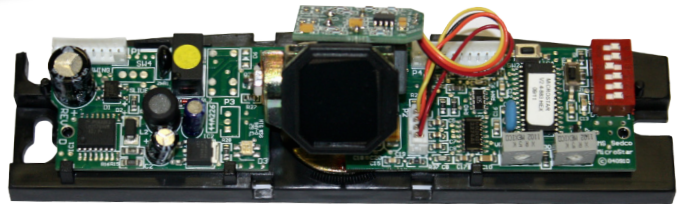
ZPS

Zone Presence Sensor

Data Sheet



ZPS Zone Presence Sensor



The ZPS Zone Presence Sensor, part of Triatek's complete fume hood solution, provides economical fume hood usage without compromising safety.

Using its microwave motion sensor, the attached controller is instantly instructed to switch to OCCUPIED mode once an operator is in front of the fume hood. Unattended fume hoods will revert to an UNOCCUPIED status after a user-specified number of minutes expire, thereby saving energy.

Highly sensitive and accurate, the ZPS is capable of detecting motion down to 1/4" per second.

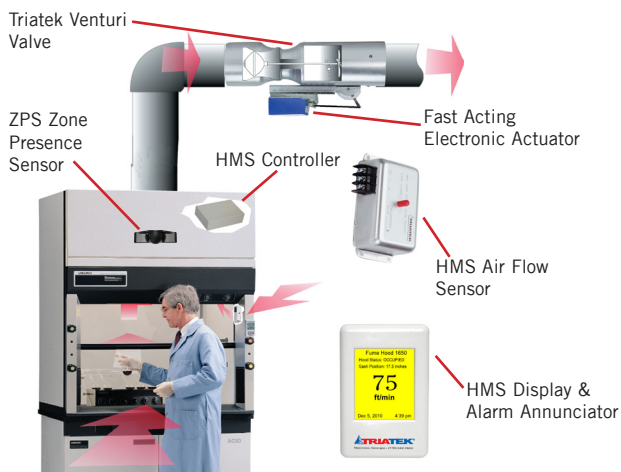
In addition, the ZPS can be tailored for any size fume hood. Sensitivity and time delay are also configurable on the ZPS and associated hood controller.

FEATURES INCLUDE

- Visible LEDs to verify activation
- Adjustments for pattern, sensitivity, and time delay to eliminate false triggers
- Easy to wire and set up
- Automatically switches fume hood's occupancy mode
- Lowers overall fume hood energy consumption
- Narrow and wide pattern detection accommodates most fume hoods

Zone Presence Sensor Specifications	
Frequency	24.125 GHz \pm 50 MHz (K-Band)
Detection Method	Initial Detection: Doppler Shift Radar Selectable Additional Detection: Human Presence Radar™ (HPR™)
Detection Pattern	Selectable, wide or narrow
Detection Angle	Adjustable, 21° to 90° \pm 25° left/right
Movement Direction	Switch selectable, unidirectional or bidirectional
Range	Adjustable (range pot.)
Maximum Mounting Height	15' (4.5m)
Power Requirements	12V to 24V AC or DC \pm 10%
Power Consumption	3.5W maximum
Mounting	Flush Mounted Optional Universal Mounting
Temperature	-22°F to 158°F (-30°C to 70°C)
Color	Flat black
Weight	<1 lb. (0.45kg)
Size	6 1/2"(w) x 1 7/8"(h) x 2 3/4"(d) 16.5cm(w) x 4.8cm(h) x 7cm(d)

Product specifications are subject to change without notice. Triatek is a registered trademark of Triatek LLC. 10212013



Typical Fume Hood Equipped with Triatek Controls