

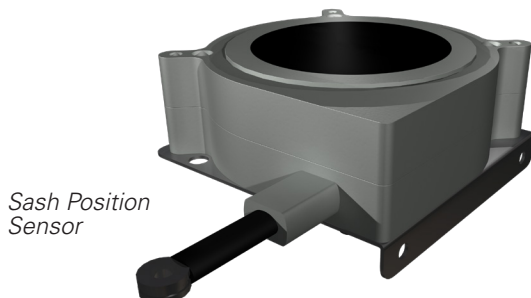
ACCESSORIES & OPTIONS

FOR FUME HOOD CONTROL



SASH POSITION SENSOR (SPS)

The FHC can deliver fume hood face velocity control through sash position sensing. This control configuration utilizes sash position sensors to calculate and adjust the exhaust airflow based upon the measured sash opening.



*Sash Position
Sensor*

SIDEWALL FACE VELOCITY SENSOR (SWS)

An alternative method to sash position face velocity control is sidewall sensing. The FHC can control face velocity by measuring the differential pressure from the fume hood to the laboratory space and adjusting the exhaust airflow to meet the required face velocity.



*Sidewall face
velocity sensor*

HYBRID SENSING

Hybrid sensing utilizes both sash position sensing and sidewall sensing technologies to deliver calculated exhaust control with measured face velocity. Once the exhaust flow adjusts for a sash position change, the sidewall sensor monitors face velocity and tracks to meet the required face velocity independent of the sash position sensor.

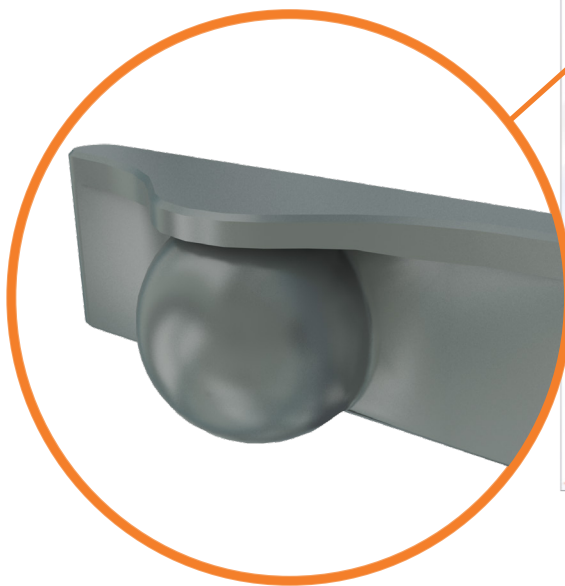


ACCESSORIES & OPTIONS

FOR FUME HOOD CONTROL

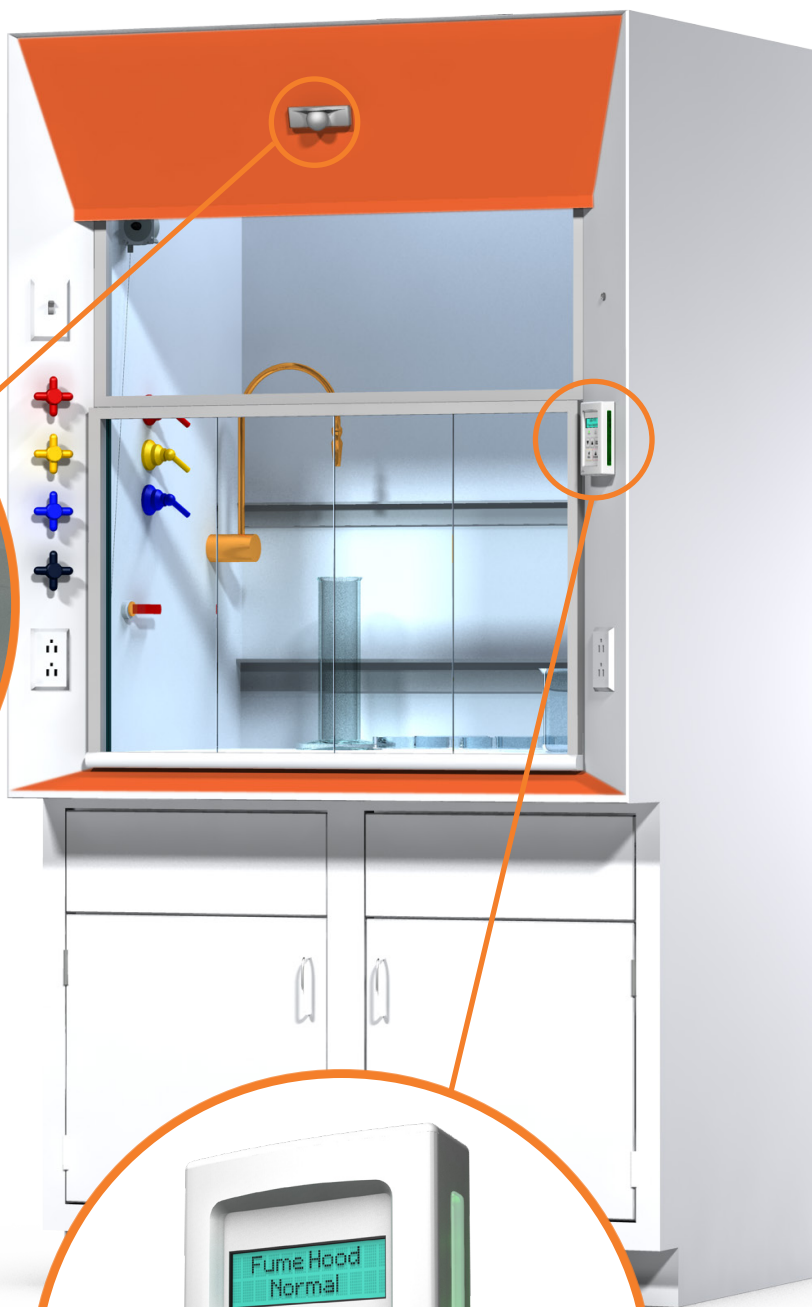
PRESENCE SENSING (FPS)

When configured with a presence sensor, the FHC can detect user presence and adjust control to meet application needs. The Presence Sensor boasts a low profile while allowing for an adjustable coverage pattern.



FACE VELOCITY INDICATION (FHI)

The FHC provides fume hood information locally on the fume hood interface. The illuminated display and 180° side-view use recognizable colors to provide a quick visual status. A password-protected menu allows for full setup or simple set-point adjustments right at the fume hood.



ACCESSORIES & OPTIONS

FOR FUME HOOD CONTROL

SPECIFICATIONS

Environmental (operating)	50°F to 122°F (10°C to 50°C), 5% to 95% R.H. (non-condensing)
Sash Position Sensor	Enclosure: IP 50 plastic Measuring Cable: nylon-coated stainless steel Connection: 2-wire Full Stroke Range: 0-50 in. (0-1275 mm) or 0-100 in. (0-2540 mm) Output Signal: Voltage divider utilizing 10K POT. Accuracy: $\pm 0.25\%$ FS
Sidewall Face Velocity Sensor	Input Power: Powered by FHC Enclosure: UL 94V-0, ABS Plastic Connection: RJ-12 to locking circular connection Range: ± 0.1 in.w.c. (25 Pa) Output Signal: Digital Accuracy: 3% of reading
Presence Sensor	Input Power: 24 VAC $\pm 10\%$, 2 VA, Class 2 Detection: Doppler Shift Radar Detection Pattern: Selectable, wide or narrow Output Signal: Binary
Fume Hood Interface	Input Power: Powered by FHC Display: LCD Screen Indicators: 180° side view RGB LEDs Connection Type: RJ-45 Input Type: Keypad

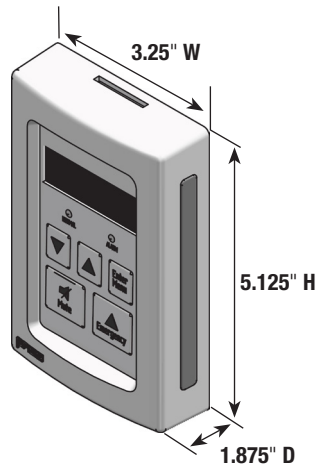
Specifications subject to change without notice

ACCESSORIES & OPTIONS

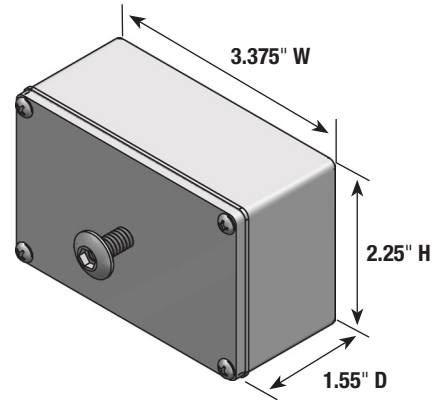
FOR FUME HOOD CONTROL

DIMENSIONAL DATA

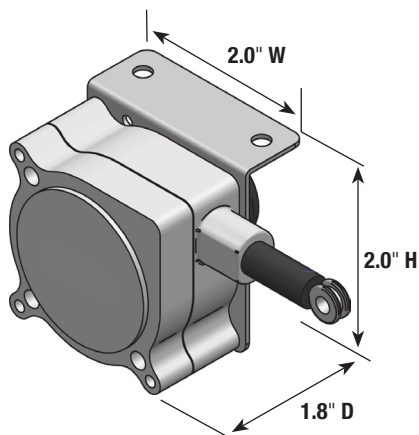
Fume Hood Interface



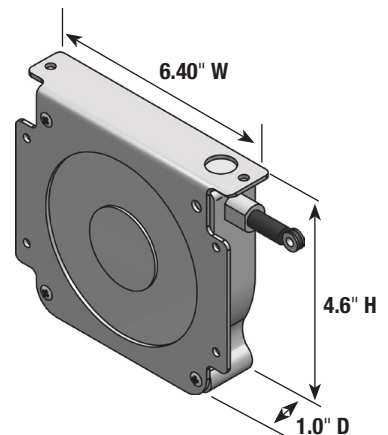
Sidewall Face Velocity Sensor



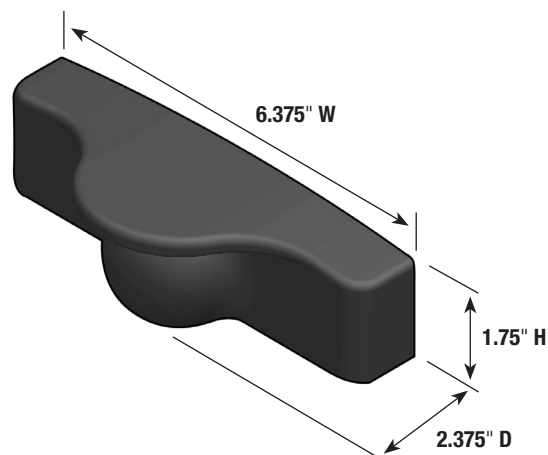
Sash Position Sensor – 50 inch



Sash Position Sensor – 100 inch



Presence Sensor





Product Improvement is a continuing endeavour at Antec Controls by Price. Therefore, specifications are subject to change without notice.

Consult your Sales Representative for current specifications or more detailed information. Not all products may be available in all geographic areas. All goods described in this document are warranted as described in the Limited Warranty.

The complete product catalog can be viewed online at AntecControls.com