

CAVA+

ACCESSORIES & OPTIONS FOR FUME HOOD CONTROL



SASH POSITION SENSOR (SPS)

The Sash Position Sensor (SPS) reports the open face area of the fume hood by measuring the sash location. Cava™ uses the SPS measurement to adjust the exhaust airflow based upon the measured sash opening.



Sash Position Sensor



Sidewall Velocity Sensor

SIDEWALL VELOCITY SENSOR (SVS)

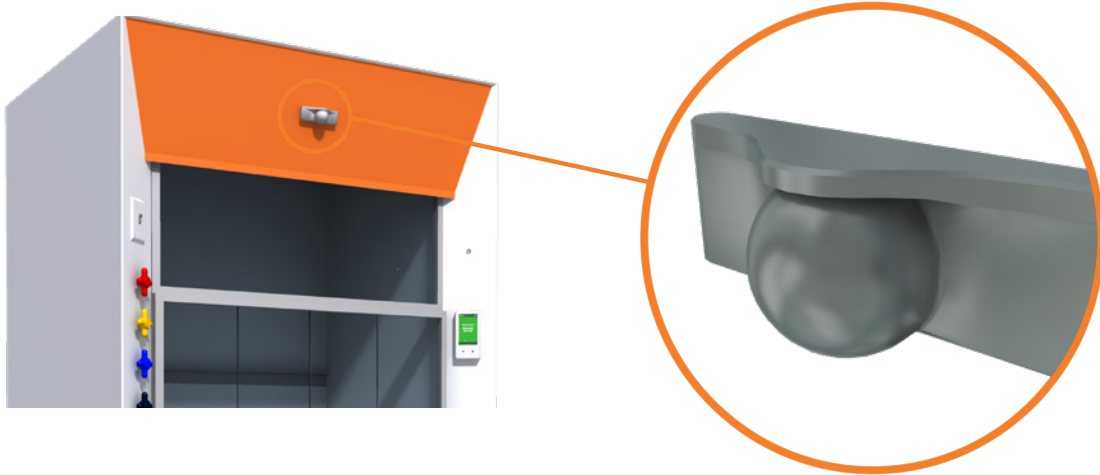
The Sidewall Velocity Sensor (SVS) reports face velocity to Cava™ by measuring the differential pressure between the fume hood and the laboratory. Cava™ uses the SVS measurement to adjust the exhaust to meet the required face velocity.

HYBRID SENSING (SPS & SVS)

Hybrid sensing utilizes both SPS and SVS technologies to deliver calculated exhaust control with measured face velocity. Once the exhaust flow adjusts for a sash position change, the sidewall sensor reads the measured face velocity and Cava™ will adjust for the face velocity, if necessary. Hybrid sensing combines the speed of response obtained with sash position sensing along with real-time face velocity measurement of sidewall sensing. It also provides the increased reliability by having two separate sensors working simultaneously.

FUME HOOD PRESENCE SENSOR (FPS)

The Fume Hood Presence Sensor (FPS) detects user movement in the vicinity of the fume hood and sends a signal to Cava™. Based on the signal, Cava™ responds by adjusting to a configurable fume hood mode. The FPS boasts a low profile and allows for an adjustable coverage pattern.



Presence Sensor

FUME HOOD VALVE MODULE (FVM)

The Fume Hood Valve Module (FVM) works directly with Cava™ to accurately meet the required exhaust airflow and fume hood face velocity. In addition, the FVM delivers real-time airflow device information to Cava™ for display and communication over CANbus.



SPECIFICATIONS

See the latest information located in the product submittal available at www.AntecControls.com



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