

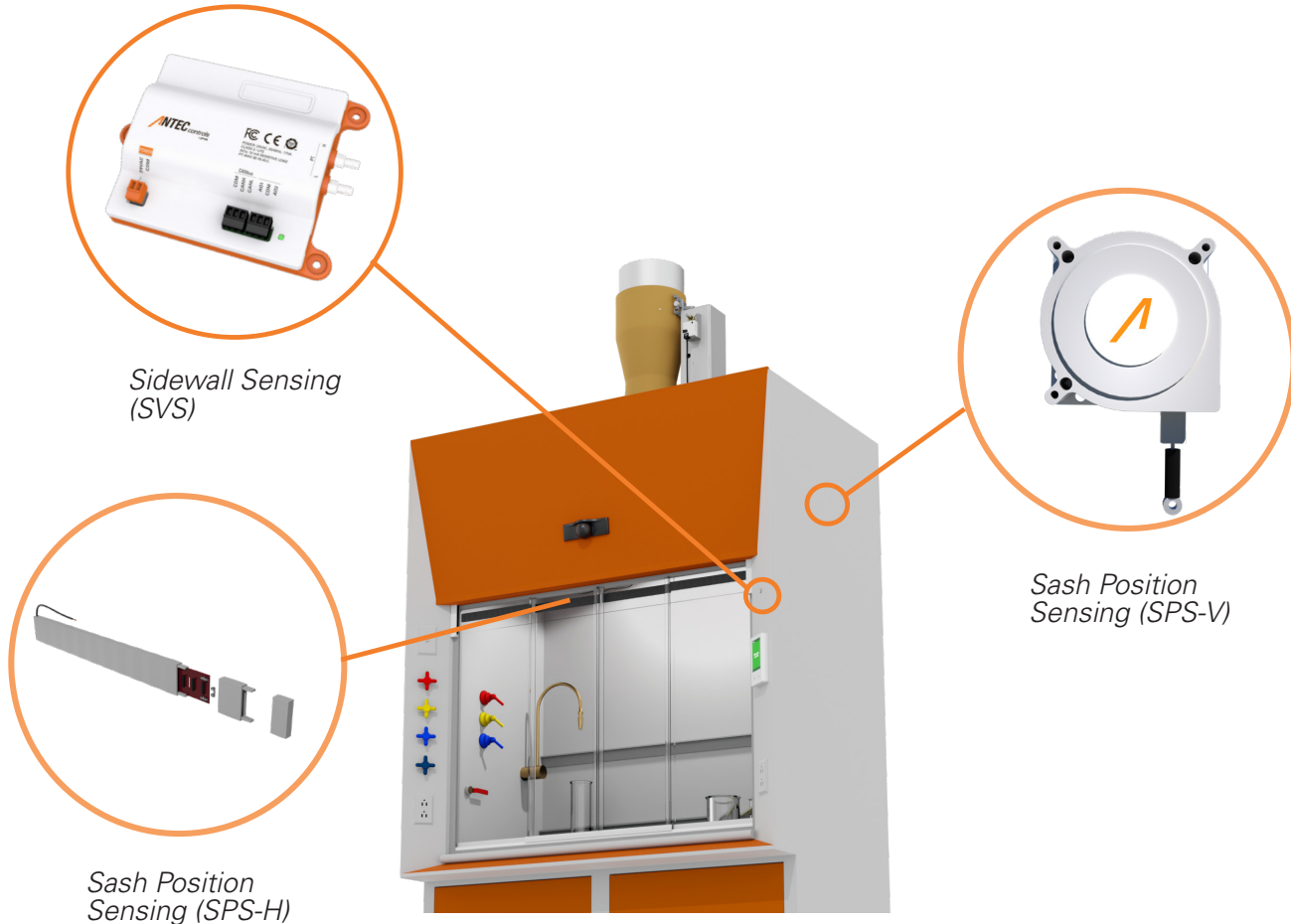
# CAVA+

## ACCESSORIES & OPTIONS FOR FUME HOOD CONTROL



## SASH POSITION SENSOR (SPS)

Sash Position Sensing (SPS-V & SPS-H) 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.



## SIDEWALL VELOCITY SENSOR (SVS)

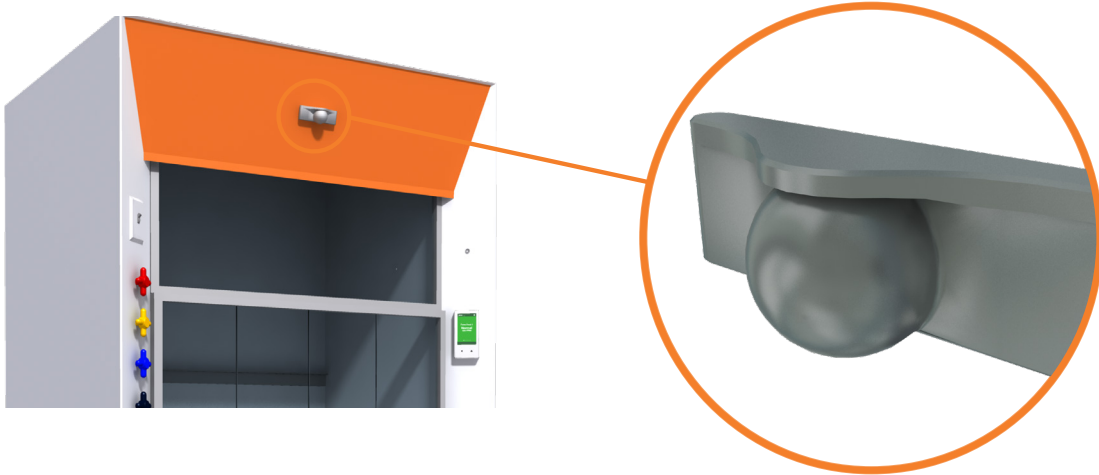
The Sidewall Velocity Sensor (SVS) reports face velocity to Cava™ by measuring the differential pressure between the fume hood and the laboratory. Cava™ uses the SVS measurement to adjust the exhaust to meet the required face velocity.

## 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](http://www.AntecControls.com)



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