



Critical Environments Line Card



Create safe and reliable spaces

Critical Environments Product Line

Venturi Valves

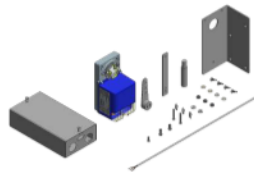
Maintain desired airflow regardless of duct pressure



- 8", 10", 12" and 14" sizes
- Stainless steel or aluminum
- High speed actuated or constant volume control
- Medium and low pressure options
- Heresite® and Kynar® coatings
- Insulation available to reduce heat loss
- Ganged options

Venturi Valve Upgrade Kit

Upgrade legacy valves to digital controls with ease



- Integrate legacy valves into the BAS and eliminate gateways
- Allows for phased in upgrades
- Fast-acting actuator
- Uses hall effect sensors with longer life spans and less maintenance compared to potentiometers
- Cost effective alternative
- Eliminates need for proprietary technology maintenance visits

FMS-2000C

Critical Environment Controller



- Easily control and verify pressure, temperature, humidity, airflow, air changes and CO₂ across four rooms
- 360° Safety Halo edge lighting
- Intuitive user interface and 5 inch high definition touchscreen
- Low profile thin mount display
- Customizable audible and visual alarms
- BACnet® MS/TP

FMS-2000M

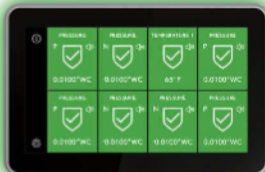
Critical Environment Monitor



- Monitor pressure, temperature, humidity, air flow, air changes and CO₂ in up to four rooms
- 360° Safety Halo edge lighting
- Intuitive user interface and 5 inch high definition touchscreen
- Low profile thin mount display
- Customizable audible and visual alarms
- BACnet® MS/TP

CMS-2000

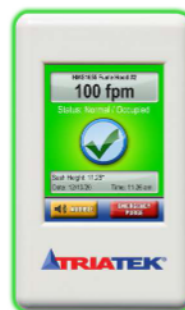
Central Monitoring Station



- Commonly used at nurse stations
- View multiple room environment points from up to four HMS or FMS
- Allows you to drill down to specific parameters from one place
- Audible and visual alarms with the 360° Safety Halo edge lighting
- Intuitive user interface and 5 inch high definition touchscreen
- Communicates on its own subnet with the FMS and HMS

HMS-1655

Fume Hood Controller



- Easily regulate and monitor important fume hood information like safety status, sash height, exhaust flow and face velocity
- 360° Safety Halo edge lighting
- BACnet® compatible
- Utilizes closed loop fume hood system
- Easy-to-use touchscreen
- Emergency purge button to easily flush hood

Critical Environments Product Line

FlowSafe Stable Vortex™ II Fume Hood

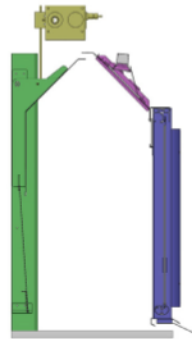
Low flow high performance fume hood



- Patented design provides a superior level of safety
- Less airflow is required to properly contain
- Automatically adjusts to environmental changes
- Horizontal and vertical sash
- Operates with less noise compared to conventional fume hoods
- Touchscreen VMS-1655M hood monitor with 360° Safety Halo edge lighting

FlowSafe Stable Vortex™ Conversion Kit

Convert conventional fume hoods to FlowSafe technology



- Upgrade conventional fume hoods to modern Stable Vortex™ technology
- Includes patented baffles, lights, sash panels, and VMS-1655M hood monitor
- Energy efficient design
- Customized color options
- Cost effective approach
- Allows for a flexible installation schedule



About Triatek

Triatek has been engineering innovative airflow solutions for critical environments for almost 40 years. From improving safety to optimizing building performance and enhancing comfort, we drive the outcomes that matter most.

For more detailed product information access the [Knowledge Exchange](#)