

HVAC

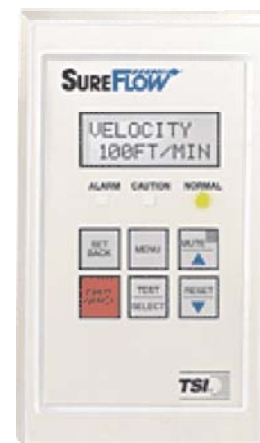
EverWatch Face Velocity Monitors ensure safety by continuously monitoring and displaying lab hood face velocity. They provide audible and visual alarms to warn of unsafe conditions. The EverWatch uses the same side-wall velocity sensor as our SureFlow™ Face Velocity Controllers to provide a precise measurement of actual face velocity.

- Continuously monitors face velocity
- Displays face velocity
- Provides visual, audible and alarm contacts
- Includes two-way RS-485 communications



TSI's SureFlow Face Velocity Controller provides a closed-loop VAV control system for proper lab hood containment. SureFlow assures safety by responding quickly during sash movement, or to disturbances within the sash plane, to maintain a constant face velocity and contain hazardous chemicals. SureFlow provides opportunities for energy savings, lower fan brake horsepower, smaller chillers and lower duct work cost. An analog version of the SureFlow controller is available as a more cost-effective alternative.

- Continuously measures/controls face velocity
- Provides visual, audible and alarm contacts RS-485 communications using Modbus or Johnson Controls' N2
- Optional LonWorks communications
- Optional flow measurement



ECM ECO Monitoring

Environmental & Process Monitoring instrumentation & systems

PRESSURA Hospital Room Pressure Products can monitor and control your isolation rooms and warn of unsafe conditions. The PRESSURA monitors and controllers accurately measure both negative and positive pressure. Versions of the PRESSURA can communicate with building management systems through an RS-485 interface, as well as display volume flow rate and air changes per hour (ACPH). All units are provided with alarm contacts and an analog output for remote monitoring of isolation room conditions.



Feature

- Audible/visual alarms
- Alarm located in the hallway just outside the door
- Digital display
- Panel slides open to display detailed room information and programming capabilities
- Easy to program
- Easy to install and maintain
- Easy to upgrade



Applications

- TB Isolation Rooms
- Hospital Laboratories
- Intensive Care Units
- Emergency Rooms
- Operating Suites
- HIV Isolation Rooms
- Bone Marrow Suites
- Laundry Areas

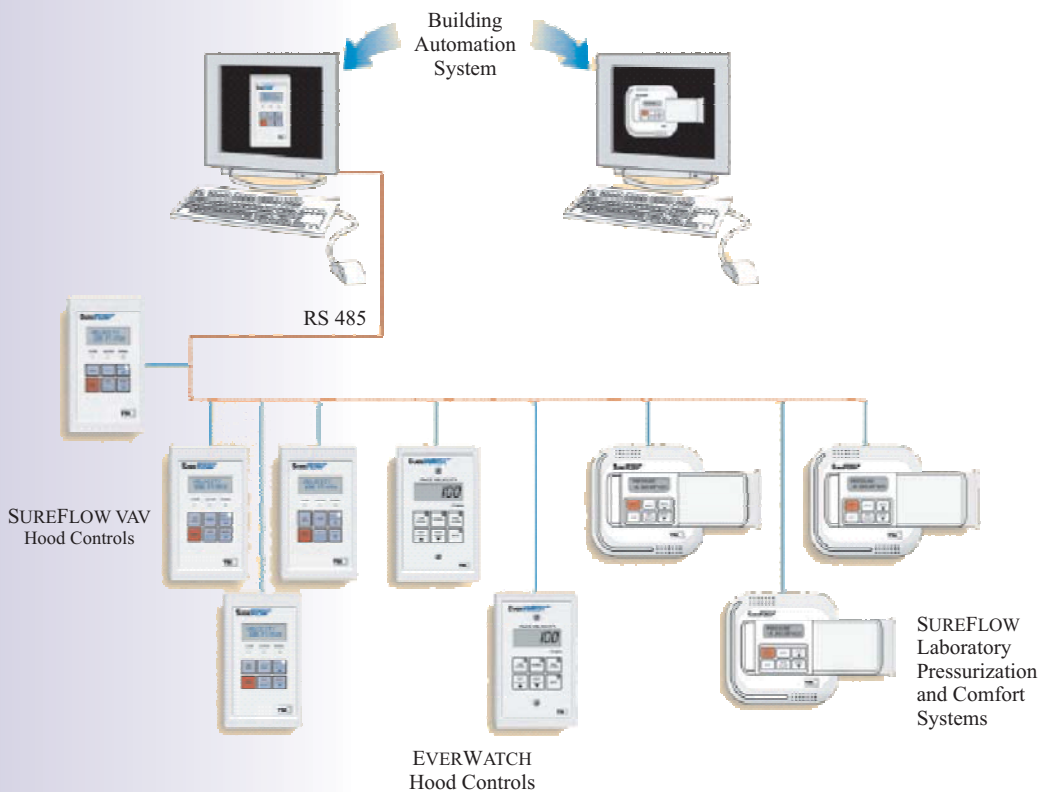
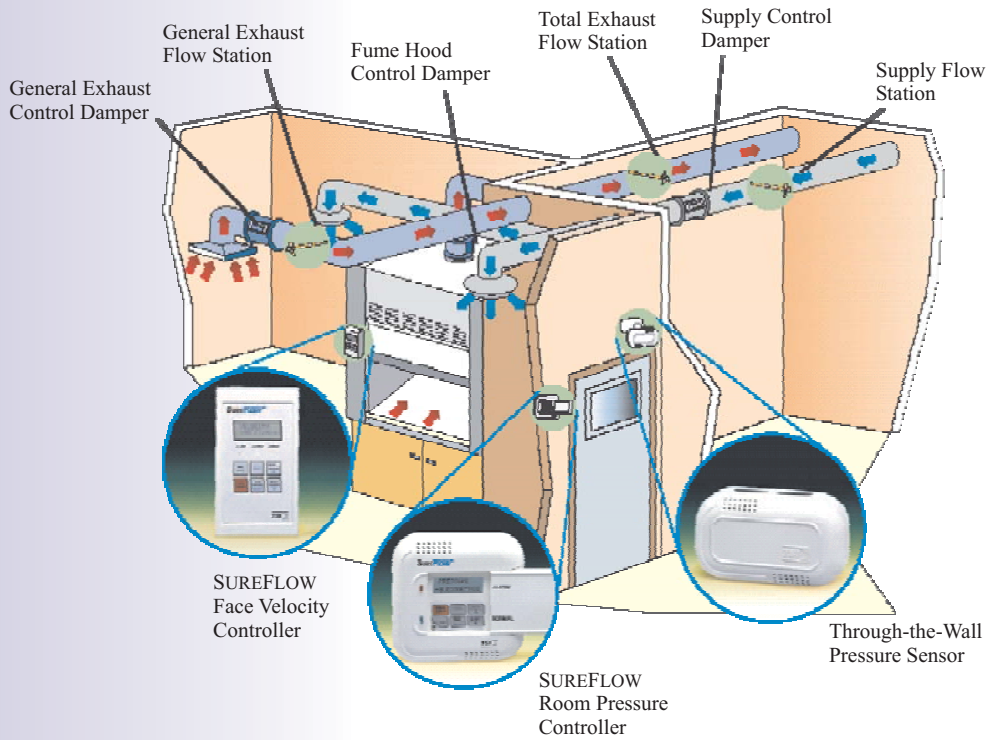


Linking the laboratory controls to your building automation system (BAS) enables the implementation of building-wide control strategies, including:

- Night setback of face velocities, flow rates and temperature to reduce operating expenses
- Automated data collection, trend analysis and report generation
- Remote temperature adjustment to improve occupant comfort
- Remote diagnostics

ECM ECO Monitoring

Environmental & Process Monitoring instrumentation & systems



ECM ECO Monitoring

Environmental & Process Monitoring instrumentation & systems

H & S instrumentation is to detect gaseous pollutants, particles (including sub-micron fractions) slightest movement of air.



Flow, temperature, humidity of cooling air streaming from diffusers of air conditioning systems is monitored by special instrumentation.



Systems solutions to control fume hoods and chemical laboratory area help to maintain safety in laboratories.

