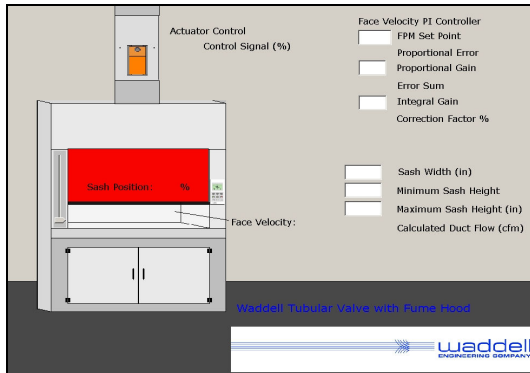


## Waddell Remote Access

## Bulletin 876



### Overview

Waddell Remote Access technology allows us to put one of our engineers “on site” quickly and at low cost. With one of our engineers in our office connected to our controllers on site through remote access and a local technician in the field to make physical adjustments, we have all the same capabilities as if one of our engineers made a visit to the site.

### Graphics

Our graphical display allows us to see all of the setpoints, inputs, and outputs at each controller including face velocity, sash position, software P/I values, etc.

### Interaction

We have interaction with the local technician by internet video conferencing, instant online text messaging, or cell phone.

### Benefits

- Faster response time
- Avoid travel costs
- Simplify Commissioning
- Simplify Troubleshooting

### Practical Capabilities

- Monitor system performance
  - Long-term measurements
  - Monitor flow rates
  - Energy Usage
- Tuning of P/I Loops
  - Oscillation Observed
    - Lower P Gain
  - Slow Response
    - Raise P Gain
- Add or remove functionality
  - Access programming
  - Add or remove:
    - sensors
    - control methods
- Re-program setpoints
  - Airflow
  - Temperature
  - etc.
- Reset Space Offsets
- Communicate with BAS
  - Using BACnet
- Many more...