The FMS-1650 is a highly accurate, dependable room pressure controller ideal for clean rooms and isolation rooms. It features a user-friendly, modern touchscreen that simultaneously displays room pressure, humidity, temperature, air changes, alarm status, time, and date.

Users can control up to four different spaces with a single unit. It is available in surface mount, or the sleek stainless steel flush mount for busy hallways. It is also available in a thin flush mount for shallow wall cavities.

This highly sensitive instrument has a pressure/flow resolution to 0.0001” wc for maximum safety. The FMS-1650 instantly updates as conditions change and communicates alarms both visually and audibly.

Its flexible design includes six analog and four digital inputs (along with four relay and four PID outputs) to allow for a variety of configuration options.

**FEATURES INCLUDE**

- BACnet® MS/TP and Metasys® N2 native
- Full-color, user-friendly touchscreen
- Available in surface or flush mount
- Intuitive control menus, easy to set up
- Real-time air changes per hour
- Ability to report room status, pressure, time, date, and room conditions simultaneously
- Password protection with four access levels
- Audible and visual alarms
- Non-volatile memory
FMS-1650 Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure Range</td>
<td>±0.2500” wc</td>
</tr>
<tr>
<td>Alarm Range</td>
<td>±0.2500” wc</td>
</tr>
<tr>
<td>Display Range</td>
<td>±0.2500” wc</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±0.5% FS</td>
</tr>
<tr>
<td>Air Flow Sensor</td>
<td>Digital differential pressure</td>
</tr>
<tr>
<td>Control Resolution</td>
<td>±0.0010” wc</td>
</tr>
<tr>
<td>Control Capability</td>
<td>Up to 4 independent spaces</td>
</tr>
<tr>
<td>Analog Inputs</td>
<td>4 universal (4-20mA, 0-5Vdc, 0-10Vdc)</td>
</tr>
<tr>
<td></td>
<td>2 thermistor inputs (NTC Type 2 or 3, 10KΩ at 25°C)</td>
</tr>
<tr>
<td>Analog Outputs</td>
<td>4 universal (4-20mA, 0-5Vdc, 0-10Vdc)</td>
</tr>
<tr>
<td>Digital Inputs</td>
<td>4 active-high or active-low (0-5Vdc or 0-24Vdc)</td>
</tr>
<tr>
<td>Relay Outputs</td>
<td>4 sets of N.O. or N.C. contacts (1A at 24Vdc)</td>
</tr>
<tr>
<td>Communication Protocols</td>
<td>BACnet® MS/TP, Metasys® N2 open</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>32° to 125° F operating</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>10-95% relative humidity, non-condensing</td>
</tr>
</tbody>
</table>

Exterior Dimensions
- Brushed stainless steel flush mount housing: 5.6” W x 8.5” H x 1.9” D
- Brushed stainless steel thin mount housing: 5.6” W x 8.5” H x ½” D
- Plastic surface mount housing: 3” W x 5” H x ¾” D

Mounting Styles
- Flush, thin, or surface

Agency Listings
- BTL Listing, SGS Listing, FCC Part 15, ICES-003

Power Requirements
- 24Vac ±10%, 30VA

Password Protection
- Up to 10 user passwords with 4 access levels

Display
- 18-bit (262K) color TFT, 3.2” diagonal, resistive touchscreen, 2500 cd/m2

Alarm Indication
- Industry standard status colors

Alarm Silence
- Touchscreen, auto-reset

Product specifications are subject to change without notice. Triatek is a registered trademark of Triatek LLC.

Part Number Guide

- Case Style
  - 5 = surface
  - 6 = flush
  - 7 = thin

- Internal Sensor
  - 0 = no internal sensor
  - 1 = standard internal sensor

- # Remote Sensors
  - 0 = no remote sensors (demo)
  - 1 = one standard remote sensor
  - 2 = two standard remote sensors
  - 3 = three standard remote sensors
  - 4 = four standard remote sensors
  - A = optional no-flow remote sensor
  - B = custom remote sensor

- # Optional Sensors
  - Blank = no optional sensors
  - 1 = one optional remote sensor
  - 2 = two optional remote sensors
  - 3 = three optional remote sensors
  - 4 = four optional remote sensors

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