Titus ESV
Single Duct Terminal

- Standard AeroCross™ multi-point center averaging velocity sensor
- Standard dual density insulation
- Standard 22-gauge casing with slip and drive discharge connection
- Controls supplied by TITUS are factory calibrated for a quicker start-up

### PESV
Pneumatic

### DESV
No Controls w/ enclosure

<table>
<thead>
<tr>
<th>Inlet Size</th>
<th>cfm Range</th>
<th>D</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>L</th>
<th>M</th>
<th>W</th>
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<td></td>
<td></td>
<td>PESV</td>
<td>DESV</td>
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</tr>
<tr>
<td>6</td>
<td>0-500</td>
<td>5%</td>
<td>1%</td>
<td>2%</td>
<td>7%</td>
<td>8</td>
<td>15</td>
<td>3</td>
</tr>
<tr>
<td>8</td>
<td>0-900</td>
<td>7%</td>
<td>7%</td>
<td>2%</td>
<td>7%</td>
<td>8</td>
<td>15</td>
<td>3</td>
</tr>
<tr>
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<td>9%</td>
<td>-</td>
<td>-</td>
<td>5%</td>
<td>12</td>
<td>15</td>
<td>3</td>
</tr>
<tr>
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<td>5%</td>
<td>15</td>
<td>15</td>
<td>3</td>
</tr>
<tr>
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<td>-</td>
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<td>17</td>
<td>15</td>
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<td>-</td>
<td>-</td>
<td>3%</td>
<td>18</td>
<td>15</td>
<td>3</td>
</tr>
<tr>
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<td>15%</td>
<td>7%</td>
<td>1%</td>
<td>5%</td>
<td>18</td>
<td>15</td>
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All dimensions are in inches
Titus Parts
VAV Box Accessories

Titus II Pneumatic Controller
- Accurate control over a duct velocity range of 0–3000 fpm
- Operates at low system pressures, as effective at 0.03” Ps as at 6” Ps
- Pressure independent
- Reset span remains constant regardless of maximum and minimum cfm adjustments; the factory set 5 psi span is adjustable from 3–10 psi to match any thermostat
- Reset start point is adjustable from 3–13 psi to work with accessories such as reheat coils (factory setting is 8 psi)
- Thermostat switch changes the action from direct acting to reverse acting without additional calibration; no additional relays required—great for quick retrofit installation
- Damper switch changes the operation of the control from normally open to normally closed without re-calibration; no additional relays required
- All adjustments are made with a hex shanked knob stored in the face of the TITUS II controller
- Operates on a control air pressure of 15–25 psi
- Control air consumption is no more than 1.2 scfh

Pneumatic Actuator
5–10 PSI

Pneumatic Tees
Size: ¼” x ¼” x ¼”
- Used on Titus VAV boxes to connect flow sensor, controller and actuator tubing.

Fan Speed Controller
115V, 277V

Toggle Disconnect Switch
- Toggle Disconnect with base plate assembly; 20 Amps; 1-1.5 horse power 120V-277V capacity

Aero Cross™ Sensor
Available in sizes 6”, 8”, 10”, 12”, 14”, 16”

Transformers
120/24 VAC 40 VA
277/24 VAC 40 VA