T155 AUTO/MANUAL CHANGEOVER THERMOSTAT
SMART ENERGY MANAGEMENT

HIGHLIGHTS

- Solid State Precision and Dependability
- Up to Three Speed Fan Switching Available
- Accepts 24 to 277 VAC
- Operates at 50 or 60 Hz
- Auto Changeover (TB155)
- Manual Changeover (TA155)

Delivering Comfort and Efficiency

The T155 thermostat is designed for use with HVAC systems including two or four-pipe fan coil applications. Available in both Auto Changeover and Manual Changeover models, the T155 is ideal for installations requiring either automatic internal switching between heating and cooling or manual switching between heating and cooling. Solid state accuracy offers comfort and efficiency, while contemporary styling complements room décor.

Universal Voltage Capability

Only PECO offers advanced self-configuring circuitry that allows the T155 electronic thermostat to be applied directly to input voltages from 24 to 277 VAC, 50 or 60Hz. Thermostat outputs are suitable for connection to relays, valves and similar pilot duty loads. The system and fan switches will handle inductive and resistive loads.

Configurable for Specific Applications

The standard T155 is user configurable for either unit or remote thermistor sensing. Fan operation is continuous or can be cycled with the use of a load handling relay.
TECHNICAL SPECIFICATIONS

- **Self-configuring Circuitry**: 24 to 277 VAC, 50 or 60 Hz
- **Temperature Range**: 50 to 90°F / 10 to 32°C
- **Maximum Ambient**: 130°F / 54°C
- **Load Connections**: Terminal block or wire lead, depending on model
- **Mounting**: Installs on a standard 2” x 4” (50.8mm x 101.6mm) device box
- **Fan Operation**: Continuous, cycled operation achievable with relays
- **Agency Approvals**: UL, UL Canada, CE

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**WIRING DIAGRAM**

![Wiring Diagram Image]

**MOUNTING INSTRUCTIONS**

![Mounting Instructions Image]

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**RATINGS**

<table>
<thead>
<tr>
<th>VOLTAGE RATING</th>
<th>FAN AND SYSTEM SWITCHES</th>
<th>THERMOSTATIC SWITCHING (PILOT DUTY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 VAC</td>
<td>N.A.</td>
<td>24 VA</td>
</tr>
<tr>
<td>120 VAC</td>
<td>5.8</td>
<td>6.0</td>
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<tr>
<td>240 VAC</td>
<td>2.9</td>
<td>125 VA</td>
</tr>
<tr>
<td>277 VAC</td>
<td>2.4</td>
<td>125 VA</td>
</tr>
</tbody>
</table>

**MODEL SELECTION GUIDE**

- **TA155-046**: Cool-Heat-Off, 3 Fan Speeds, Wire Leads, 2 Covers
- **TA155-047**: Cool-Heat-Off, 3 Fan Speeds, Terminal Block, 2 Covers
- **TB155-046**: On-Off, 3 Fan Speeds, Wire Leads, 2 Covers
- **TB155-048**: On-Off, 3 Fan Speeds, Terminal Block, 2 Covers