Application
The A36AHA 4-stage temperature control operates electrically controlled heating and cooling equipment to maintain desired temperatures in a computer room.

All Series A36 controls are designed for use only as operating controls. Where an operating control failure would result in personal injury and/or loss of property, it is the responsibility of the installer to add devices (safety, limit controls) or systems (alarm, supervisory systems) that protect against, or warn of, control failure.

Features
- Totally enclosed contact units.
- Accurate repeat performance.
- Rigid, reinforced frame.
- Cushion mounting.
- Ambient compensated for variations in ambient temperatures.

General Description
The A36AHA control has an open construction (less enclosure) design for panel mounting. The contact units have color coded screw type terminals. The SPDT contacts of each stage are actuated from a single liquid filled, remote sensing element.

The main operating arm is counterbalanced and spring loaded for low pivot point stress and minimal wear.

The A36 has a rugged steel frame and the mounting holes are fitted with shock absorbing rubber grommets.

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Number</td>
<td>A36AHA-60, A36AHA-52</td>
</tr>
<tr>
<td>Adjustment Range</td>
<td>55°F to 95°F (13 to 35°C)</td>
</tr>
<tr>
<td>Contact Units</td>
<td>4 SPDT, Totally Enclosed Snap-Acting Pencwatches</td>
</tr>
<tr>
<td>Differential</td>
<td>Each Stage 2°F (1.1°C) Between Stages 1.5°F (0.9°C) on Increasing Temperature</td>
</tr>
<tr>
<td>Finish</td>
<td>Zinc Plated with Dichromate Dip</td>
</tr>
<tr>
<td>Ambient Temperature at the Control</td>
<td>0°F to 140°F (−18 to 60°C)</td>
</tr>
<tr>
<td>Maximum Allowable Shipping Temperature</td>
<td>140°F (60°C)</td>
</tr>
<tr>
<td>Material</td>
<td>Frame .062&quot; (1.6 mm) Cold Rolled Steel Baseplate .070&quot; (1.8 mm) Steel</td>
</tr>
<tr>
<td>Number of Stages</td>
<td>4</td>
</tr>
<tr>
<td>Sensing Element</td>
<td>Copper Capillary with 12&quot; Nylon Armor at Control End, Bulb ¾&quot; x 5½&quot; with Support Tube</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>Individual Pack 1.7 lb (0.8 kg) Overpack of 10 Units 19.0 lb (8.6 kg)</td>
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</table>

Fig. 1 -- Type A36AHA 4-Stage Temperature Control.
A single calibrated adjusting dial permits moving all settings up or down within the adjustment range. Between stage adjustments remain constant for uniform temperature control, regardless of the set point.

Accessories

Bulb Well
For bulb well, order Part Number WEL 14A-603R.

Enclosure Only
Part Number CSE57A-600 is available for field installation.

Packing Nut
Part Number FTG13A-600R packing nut assembly is available for direct immersion application.

Repairs and Replacement
Field repairs must not be made. For a replacement control, contact the nearest Johnson Controls wholesaler.
Ordering information

To order, specify:

1. Complete Product Number.

2. Part Number of bulb well, and the enclosure or closed tank adapter, when required.

Performance specifications appearing herein are nominal and are subject to accepted manufacturing tolerances and application variables.

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