



& ASSOCIATES, INC.

TAD-1 Thermostat



Actual Size

Construction

- SPST contact which opens on temperature rise.
- Bimetal disc is located at bottom of stainless steel cup for surface mount sensitivity.
- Epoxy seal provides weatherproof seal from -20°F to 221°F.
- The TAD-1 provides a high quality, durable, long life temperature control preset to 40°F.

Applications

- Constant Wattage Heater Cables
- Self Limiting Heater Cables
- Mineral Insulated Heater Cables

Mechanical Data

⚠ Electrical Ratings

Resistive Amps	120VAC	240VAC	277VAC
UL Recognized	10.0	5.0	1.0
CSA Certified	8.3	5.0	—



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TAD-1 Installation Options

Line Sensing

- Remove insulation from pipe and attach TAD-1 to pipe wall to be heat traced.
- Secure TAD-1 to pipe wall by passing tie wire through holes on TAD-1 mounting bracket.
- Using a pair of pliers twist both ends of tie wire together until TAD-1 is snug against pipe wall.
- Ensure electrical connections are completed and secure insulation.



Ambient Sensing

- Locate two plastic retainers at the back of the PL-1 junction box (sold separately).
- Align both holes of TAD-1 mounting bracket with plastic retainers in back of junction box and determine size.
- Using a pair of pliers gently squeeze edges of plastic retainers to slightly conform to holes on TAD-1 mounting bracket.
- Gently apply pressure on both ends of TAD-1 mounting bracket and snap onto plastic retainers.
- Ensure snug fit and secure area around plastic retainers and TAD-1 mounting bracket with silicone RTV.



Mounting bracket holes

