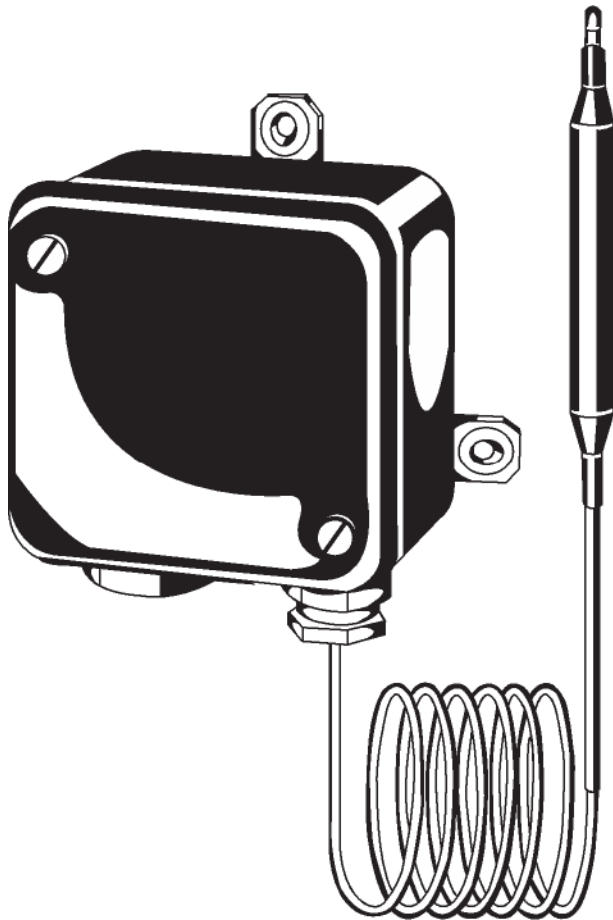


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A19ANC-1 AND A19ANC-2 LINE SENSING THERMOSTATS



Description

LMI's A19ANC controls serve as either line or ambient sensing thermostats designed for areas where rainproof enclosures are required. The gasketed, rainproof enclosure has a gray UL Listed outdoor finish.

Both models include a liquid-filled element which is not affected by barometric pressure.

The thermostats have dependable, field-proven, snap-action contacts with a heavy duty rating for inductive or resistance loads.

Each thermostat enclosure includes three cushioned rubber feet for strainfree mounting.

Both models feature a high-limit dial stop (see back page for specifications).

A copper bulb well is optional.

Applications

A19 Thermostats typically control:

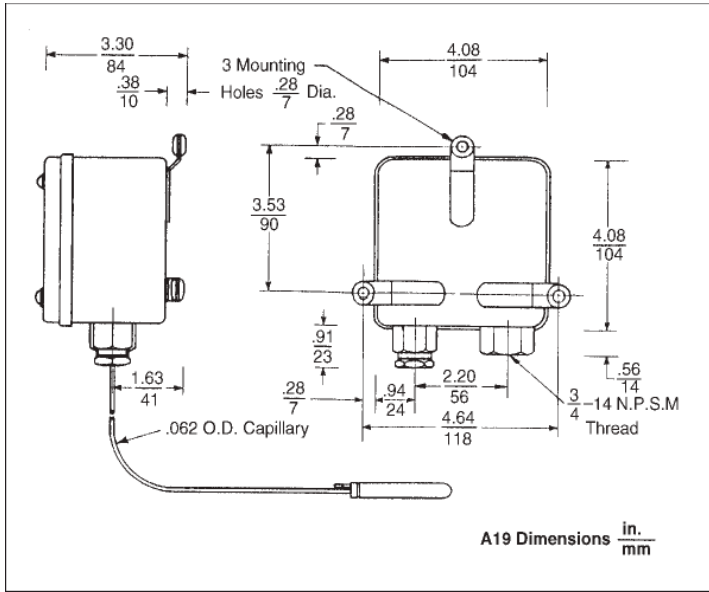
- Pipe Tracing Systems
- Snow Melting Systems
- Roof & Gutter Deicing Systems

Approvals

- UL Listed
- CSA Certified

**CON-
TROLS**





A19ANC Specifications

Enclosure: NEMA 3R, rainproof, with a baked-on gray enamel.

Connection: Screw terminals on terminal strip through 3/4" npt conduit connection.

Switch: Single pole, double throw, snap action switching element.

Range:

A19ANC-1 0°F to 150°F (5°F Differential)

A19ANC-2 100°F to 250°F (6°F Differential)

Maximum Allowable Temperature:

A19ANC-1 190°F

A19ANC-2 290°F

Rating: 22 Amps 120/277 VAC, Resistive.

Sensor: 10' copper capillary.
.290" x 2.5" bulb.

Installation Instructions

Installing the Controls

Ensure that wiring conforms to local codes and to the National Electrical Code. Wiring terminals are accessible by removing the thermostat cover.

Indoors, mount the thermostat in any position using the three mounting feet (rubber bushed). When placing the thermostat outdoors, directly exposed to the weather, position the electrical connection and capillary on the lower horizontal surface as illustrated.

Caution: Do not dent or deform the sensitive bulb of this control. A dent or deformation will change the calibration and cause the control to cycle at a temperature lower than the dial setting.

Where the capillary is exposed and subject to possible mechanical damage, provide some means of protection. The capillary outlet is designed to run through 1/2" thinwall conduit or metal hose such as 3/8" Anaconda "Sealtite" or equivalent. Remove the capillary outlet seal nut. Then push the bulb and capillary through a conduit

coupling or suitable hose fitting and on through the conduit or hose. Tighten the coupling to the 1/2" female capillary outlet fitting to ensure a tight seal and rigid connection with the enclosure. To prevent cutting or wear from any sharp edges and to relieve strain on the capillary, tape

the capillary to the pipe, and clamp and bush the far end of the conduit or hose.

Adjusting the Controls

The setting may be changed to meet installation requirements.

Allowable High-Limit Settings: On A19ANC-1, which has a range of 0°F to 150°F, the high-limit stop can be set between 55°F and 150°F. On A19ANC-2, which has a range of 100°F to 250°F, the high-limit stop can be set between 155°F and 250°F.

Changing the High-Limit Stop: To change the stop setting, loosen the two screws in the dial plate using the wrench provided with the control. Turn the dial so that the pointer indicates the stop setting. Move the stop (located behind the dial plate) to the stop bracket. Tighten the screws to lock the stop in position.

Evaluating the Controls

Before leaving the installation, observe a complete operating cycle to see that all components function properly.

