

# AMC-1B Mechanical Thermostat



nVent RAYCHEM AMC-1B is a line-sensing thermostat designed to control heat tracing systems in non-hazardous locations. It senses pipe or tank wall temperatures, used to control a single heat tracing circuit or switch multiple circuits with a contactor, it has an adjustable set point. Also used to indicate low temperature or high temperature alarm conditions.

## FEATURES

Simple to install and operate, single cable entry through 3/4"/19 mm NPT conduit hub

Energy saving, line sensing control thermostat

Adjustable set point: 25 °F to 325 °F/−4 °C to 163 °C

Electrical rating and switch: 22 A at 125/250/480 VAC, SPDT switch

Enclosure: NEMA 4X, polyurethane-coated cast aluminum housing, stainless steel hardware

Reliable during long life

## SPECIFICATIONS

Table 1/2

| Catalog Number | Item Name | Material | NEMA Rating | Thermostat Type       | Current Rating | Controller Temperature Setting |
|----------------|-----------|----------|-------------|-----------------------|----------------|--------------------------------|
| 943533-000     | AMC-1B    | Aluminum | 4X          | Mechanical Thermostat | 22 A           | −4 to 163 °C                   |

Table 2/2

| Catalog Number | Item Name | Max Measuring Range | Height | Width  | Depth | Area Classification |
|----------------|-----------|---------------------|--------|--------|-------|---------------------|
| 943533-000     | AMC-1B    | 215 °C              | 142 mm | 114 mm | 76 mm | Non-Hazardous       |

## **WARNING**

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nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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