

AMC-1A Mechanical Thermostat



nVent RAYCHEM AMC-1A is an ambient-sensing mechanical thermostat designed to control heat tracing systems for freeze protection applications in non hazardous locations. Used to control a single heat tracing circuit or switch multiple circuits with a contactor, it has an adjustable set point.

FEATURES

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

Energy saving, ambient sensing control thermostat

Adjustable set point: -15 °F to 140 °F/-9 °C to 60 °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, 2 year product warranty available, maintenance free

SPECIFICATIONS

Table 1/2

Catalog Number	Item Name	Material	NEMA Rating	Thermostat Type	Current Rating	Controller Temperature Setting
573977-000	AMC-1A	Aluminum	4X	Mechanical Thermostat	22 A	15 – 140 °F

Table 2/2

Catalog Number	Item Name	Max Measuring Range	Height	Width	Depth	Area Classification
573977-000	AMC-1A	160 °F	5.6 in	4.9 in	3 in	Non-Hazardous

WARNING

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 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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