

A19 Series

# Thermostat for Hazardous Locations



A19AUC



A19BUC

## Description

This thermostat provides remote bulb or coiled bulb sensing for hazardous environments.

## Applications

These thermostats are designed for use in grain elevators, chemical and powder plants, mines, oil refineries, and similar sites. For use in Class I, Group D and Class II, Groups E, F, and G hazardous locations.

## Features

- a precision enclosed switch and a liquid-filled sensing element provides repeat accuracy that is unaffected by barometric pressure and cross-ambient temperature fluctuations
- the SPDT switch provides open high or close high action for heating or cooling
- the electrical rating permits direct control of most equipment

## Electrical Ratings

Motor Ratings VAC	120	208	240	277
Full Load Amp	16.0	9.2	8.0	–
Locked Rotor Amp	96.0	55.2	48.0	–
Non-Inductive Amp	22.0	22.0	22.0	22.0
Pilot Duty—125 VA, 24 to 600 VAC				

## To Order

Specify code number from the selection chart below.

## Selection Chart

Code Number	Switch Action	Range °F (°C)	Diff F° (C°)	Bulb and Capillary	Bulb Well (If Required)	Range Adjuster	Maximum Bulb Temp. °F (°C)
A19AUC-1C	SPDT	-30 to 50 (-34 to 10)	5 (2.8)	3/8 in. x 4-1/16 in., 6 ft Cap.	WEL14A-602R	Knob	140 (60)
A19AUC-2C	SPDT	20 to 80 (-7 to 27)	3-1/2 (1.9)	3/8 in. x 4-31/32 in., 6 ft Cap.	WEL14A-603R	Knob	140 (60)
A19BUC-2C	SPDT	20 to 80 (-7 to 27)	3-1/2 (1.9)	Coiled	–	Knob	140 (60)

▲ Universal Replacement ★ Non-Stock Item. Built to Order. (R) For Refrigerants Not Listed, Contact Application Engineering

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