

A19 Series

Thermostat for Crop Drying



A19AAE-3

Description

The A19 Series are single stage temperature controls that incorporate liquid filled sensing elements.

Features

- designed for high temperature applications
- narrow (2F° fixed) or wide adjustable differentials

Applications

Crop drying thermostat energizes gas valve to maintain temperature.

Specifications

- maximum bulb temperature:
 - A19AAE-3, 200°F (93°C)
 - A19ABB-2, 240°F (116°C)

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	Range Adjuster	Max. Bulb Temp °F (°C)
A19AAE-3C	SPST Open High	80 to 180 (27 to 82)	2 (1.1) Fixed	1/8 in. x 1 1/4 in. Copper-coiled 10 ft Cap.	Knob Ext. Scale	200 (93)
A19ABB-2C	SPST Open High	50 to 200 (10 to 93)	6 to 24 (3 to 13) Adjustable	0.290 in. x 2 1/2 in. 10 ft Cap.	Knob Ext. Scale	240 (116)

Electrical Rating 120 VAC

Motor Ratings VAC	120	208	240
A19AAE-3			
AC Full Load Amp	6.0	3.4	3.0
AC Locked Rotor Amp	36.0	20.4	18.0
Non-Inductive or Resistance Load Amp (Not Lamp Loads)	10 amp 120 to 277 VAC		
Pilot Duty - 125 VA, 24 to 277 VAC			
A19ABB-2			
AC Full Load Amp	10.0	—	6.0
AC Locked Rotor Amp	60.0	—	36.0
Pilot Duty - 125 VA, 24 to 600 VAC			