

# A19 Agricultural/Industrial Thermostat with NEMA 4X Enclosure Catalog Page

## Description

The A19PRC is a single-stage temperature control designed for heating and ventilation applications. It features a raintight enclosure for use in agricultural and industrial applications that require compliance with Article 547 of the National Electrical Code. The A19PRC Thermostat has a rugged thermoplastic enclosure that meets NEMA 4X specifications.

Refer to the *A19 Series Hot Water Heating Controls Well Immersion Product Bulletin (LIT-125025)* for important product application information.

## Features

- an O-ring sealed setpoint adjustment knob
- exposed portion of the liquid filled sensing elements are plated and plastic coated to resist damage in corrosive atmospheres

## Applications

Typical applications include controlling ventilation or heating equipment in animal confinement or industrial buildings.

## Repair Information

If the A19 Agricultural/Industrial Thermostat with NEMA 4X Enclosure fails to operate within its specifications, replace the unit. For a replacement thermostat, contact the nearest Johnson Controls® representative.

## Technical Specifications

### Electrical Ratings

Motor Ratings VAC	120	208	240
AC Full Load A	16.0	9.2	8.0
AC Locked Rotor A	96.0	55.2	48.0
Non-Inductive or Resistance Load A (Not Lamp Loads) <sup>1</sup>	22 A, 120/277 VAC		
Pilot Duty	125 VA, 24 to 600 VAC		

1. Single-pole, single-throw (SPST) and only one side of single-pole, double-throw (SPDT) control; SPDT - 16 A, 120 to 277 VAC



A19PRC Thermostat

## Selection Chart

Product Code Number	Switch Action	Range °F (°C)	Differential F° (C°)	Bulb and Capillary	Range Adjuster
A19PRC-1C	SPDT	30 to 110 (1 to 43)	3 to 12 (1.7 to 6.7)	1-3/8 in. x 2 -1/4 in. Coiled	Knob