



Room Temperature Sensor ARS



Laboratories, Life Sciences, Healthcare

- Wall Mounted Room Temperature Sensor
- Uses a precision 100K ohm NTC Thermistor
- Used with Accutrol AVR Series AccuValve
- Used for Sensing Room Temperature

ARS Provides

- Accurate thermistor-based temperature sensor
- Optional digital display
- Optional setpoint slider
- Power and signal connections provided by factory cable to AVR AccuValve

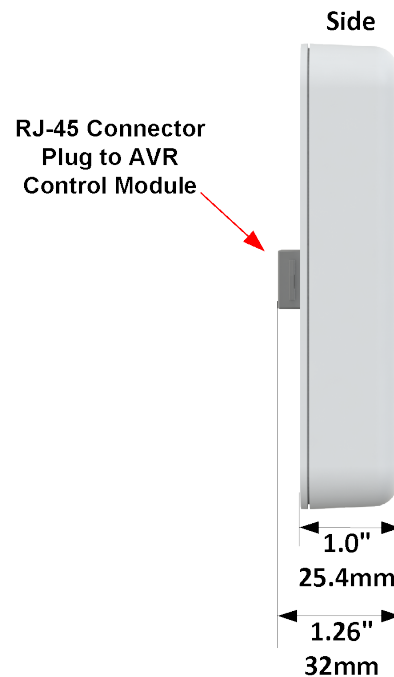
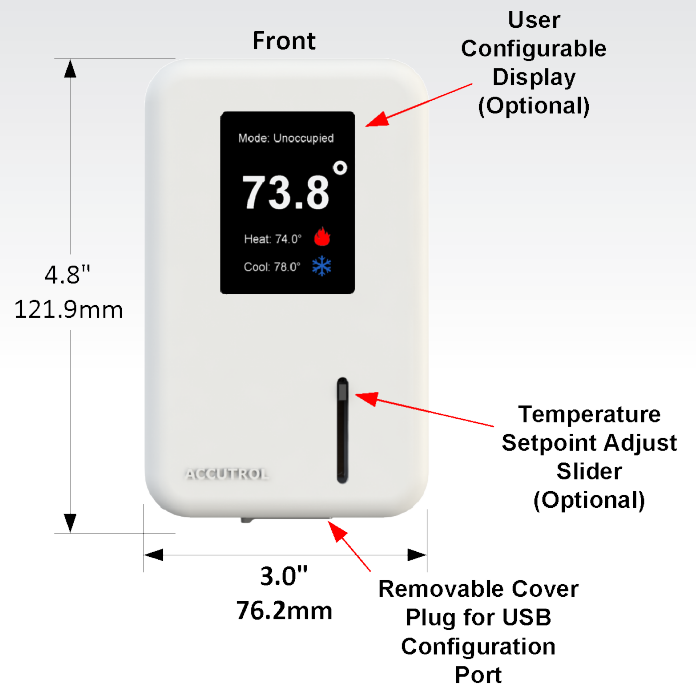
The Accutrol ARS is a wall-mounted, room temperature sensor that is designed to provide the air temperature measurement of the room that is being controlled by the AVR AccuValve. The ARS connects directly to the AVR AccuValve's device port using a factory cable providing a simple connection for power and signal.

Specifications

SENSOR	
Type	Precision 100K ohm NTC thermistor
ELECTRICAL	
Port	RJ-45 Provides power and signal connections with the AVR AccuValve using factory-supplied cable only.
MOUNTING	
Wall-mount over single gang electrical box (mounting screws provided)	
MATERIALS	
Bezel and Mounting Plate	ABS Plastic, UL 94 V-0
PERFORMANCE	
Range	32° to 132° F (0° to 56° C)
Resolution	0.02° F (0.01° C)
Accuracy	±0.25° F (±0.14° C)
ENVIRONMENTAL	
Operating Temperature	32° to 132° F (0° to 56° C)
Storage Temperature	-20° to 165° F (-29° to 74° C)
Humidity	0 % to 90% non-condensing
OPTIONS	
Slider Adjust	Provides local setpoint adjustment
Slider Range	Software configurable
Display	2.27" (57.7mm) color graphics LCD with LED backlight (software configurable)

Installation

Designed to be mounted to a single gang box. See submittal for details.



ARS Room Sensor Ordering Guide

ARS -

Sensor Type

1 = Room Temperature

Cable Length

1 = 25' Cable

2 = 50' Cable

3 = 75' Cable

4 = 100' Cable

Options

Blank = No Options

D = Display

S = Slider Adjust

Your representative is:

