

Rugged Bulb and Capillary Thermostats

AR Series
Starts at
\$235



- ✓ Bulb and Capillary Design
- ✓ Long-Lasting, Snap-Action Mechanism
- ✓ Double-Pole, Single-Throw Contacts
- ✓ 3 Different Bulb Styles Available
- ✓ Optional Knob Cover and Pilot Light

Specifications

Temperature Range: -20 to 370°C (-4 to 698°F)

Operating Voltage:
Single-Phase: 120 to 480V
3-Phase: 120 to 277V

Enclosure: General purpose

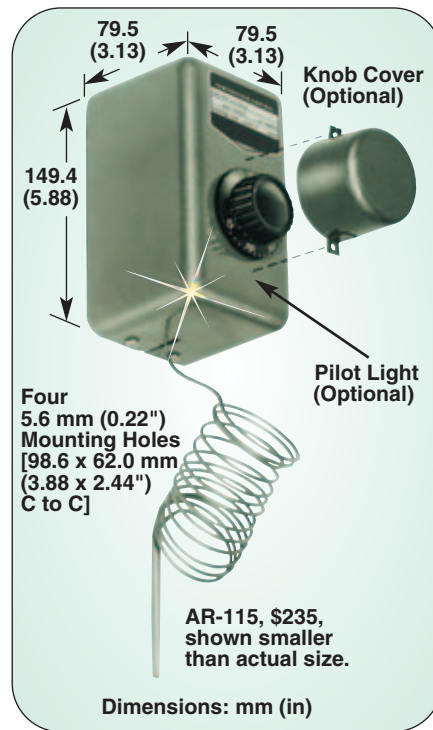
Contacts: DPST, open on temperature rise; at positive off position, contacts cannot close

Differential: ±4% of scale

Bulb and Capillary: Copper for units rated at 120°C (248°F) and lower; nickel-plated copper for units between 95°C (203°F) and 290°C (504°F); tin-plated steel for units between 150°C (302°F) and 370°C (698°F)

Weight:

AR and ARR Series: 1.14 kg (2.5 lb)
AR-LT and AR-EP Series: 2.27 kg (5 lb)



Typical Applications

- ✓ Temperature Control of Any Electrically Heated Solid, Liquid or Gas
- ✓ Excellent for Ovens or Sterilizers
- ✓ Molding Machines
- ✓ Heat Exchangers
- ✓ Labeling Machines
- ✓ Water Baths
- ✓ Heat Sealers
- ✓ May Be Used to Control Refrigerating, Ventilating, and Alarm Systems

These thermostats use sensitive bulbs that can be used in confined locations. Styles 4 and 5 bulbs are designed for inserting in drilled holes in platens and dies or for direct immersion.

Sensors for air and pipeline heating applications (style 9) can be coiled to inside radii as small as 13 mm (½").

CAUTION AND WARNING!

Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model Number	Price	Temp Range °C (°F)	Amp Rating		Bulb Style	Dimensions (in)		Cap (ft) Lgth.
			120 to 277V	480V		Dia.	Lgth.	
Single-Phase AR								
AR-115	\$235	-20 to 40 (-4 to 104)	30	10	5	3/8	3 7/8	7
AR-115A	235	-20 to 40 (-4 to 104)	30	10	5	3/8	3 7/8	2
AR-115C	250	-20 to 40 (-4 to 104)	30	10	5	3/8	3 7/8	12
AR-214	235	10 to 120 (59 to 248)	30	10	4	1/4	5 5/32	7
AR-214D	250	10 to 120 (59 to 248)	30	10	4	1/4	5 5/32	15
AR-215	235	10 to 120 (59 to 248)	30	10	5	3/8	4	7
AR-215A	235	15 to 120 (59 to 248)	30	10	5	3/8	4	2
AR-219	250	15 to 120 (59 to 248)	30	10	9	3/16	10 3/4	7
AR-219D	235	15 to 120 (59 to 248)	30	10	9	3/16	10 3/4	15
AR-514	235	95 to 290 (200 to 550)	30	10	4	1/4	5 5/8	7
AR-519	235	95 to 290 (200 to 550)	30	10	9	3/16	9	7
AR-519D	235	95 to 290 (200 to 550)	30	10	9	3/16	9	15
AR-715	235	150 to 370 (302 to 698)	30	10	5	3/8	3 11/16	7
AR-719	235	150 to 370 (302 to 698)	30	10	9	3/16	11 13/16	7
3-Phase AR-3								
AR-2153	\$290	10 to 120 (59 to 248)	30**	-	5	3/8	4 1/4	7
Single-Phase ARR (Inverse Action)								
ARR-215	\$250	10 to 120 (59 to 248)	30	-	5	3/8	4 1/4	7
ARR-219	235	10 to 120 (59 to 248)	30	-	9	3/16	16 9/32	7
ARR-519	207	95 to 290 (200 to 550)	30	-	9	3 3/16	11 1/4	7

Comes complete with operator's manual.

**120 to 250V.

To order any unit with optional knob cover, add suffix "-KC" to model number, and \$16 to price. To order any unit above with optional pilot light, add suffix "-P" to model number and call for price.

Ordering Examples: AR-115KC, single-phase AR thermostat, temperature range -20 to 40°C (-4 to 104°F), style 5 bulb, with optional knob cover, \$250 + 16 = \$266.

AR-719, single phase AR thermostat, 150 to 370°C (302 to 698°F) temperature range, style 9 bulb, \$235.



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• Heaters

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