

AR & ARR

Non-Indicating Temperature Controllers

- Bulb & Capillary
- 0 - 700°F Temperature Range
- Single Phase, 120 - 480 Vac
- Reverse Acting Model ARR
- Knob Cover & Pilot Light (Option)
- Double Pole, Single Throw Contacts

WARNING: Hazard of Fire. These controls function as temperature controls only. Because they do not fail safe, an approved temperature and/or pressure safety control must be used for safe operation.

Ordering Information

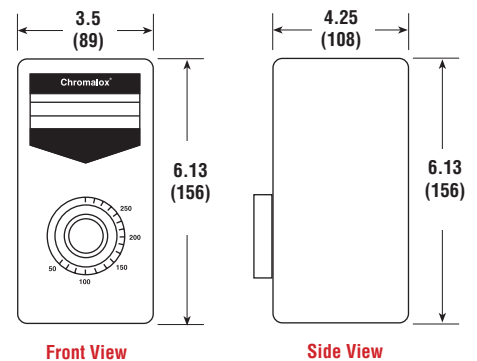
Applications

- 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
- Type ARR may be used to control refrigerating, ventilating and alarm systems.

Note — Refer to AR-LT and AR-EP products for bulb style and capillary configuration drawings.



Dimensions



All Dimensions in Inches (mm)
See table below for Bulb Dimensions

Temp. Range (°F)	Amp.		Bulb Dimensions (In.)			Cap Lgth. (Ft.)	Model	Stock	PCN	Wt. (Lbs.)	With Knob Cover			With Pilot Light				
	120-277V	480V	Style	Dia.	Lgth.						Model	Stock	PCN	Wt. (Lbs.)	Model	Stock	PCN	Wt. (Lbs.)
Single Phase AR																		
0-100	30	10	5	3/8	4-5/16	7	AR-115	S	269966	2.5	AR-115KC	S	272727	2.5	AR-115P	S	269974	2.5
0-100	30	10	5	3/8	4-5/16	2	AR-115A	S	299639	2.5	AR-115AKC	AS	273519	2.5	AR-115AP	AS	273906	2.5
0-100	30	10	5	3/8	4-5/16	12	AR-115C	S	277931	2.5	AR-115CKC	AS	273527	2.5	AR-115CP	AS	273914	2.5
60-250	30	10	4	1/4	5-5/32	7	AR-214	S	263038	2.5	AR-214KC	S	272735	2.5	AR-214P	S	265869	2.5
60-250	30	10	4	1/4	5-5/32	15	AR-214D	S	299647	2.5	AR-214DKC	AS	273543	2.5	AR-214DP	AS	273922	2.5
60-250	30	10	5	3/8	4	7	AR-215	S	277940	2.5	AR-215KC	AS	273551	2.5	AR-215P	AS	273930	2.5
60-250	30	10	5	3/8	4	2	AR-215A	S	299655	2.5	AR-215AKC	AS	273594	2.5	AR-215AP	AS	273949	2.5
60-250	30	10	9	3/16	10-11/16	7	AR-219	S	263054	2.5	AR-219KC	AS	272743	2.5	AR-219P	S	265877	2.5
200-550	30	10	4	1/4	5-5/8	7	AR-514	S	263046	2.5	AR-514KC	AS	272751	2.5	AR-514P	S	265885	2.5
200-550	30	10	5	3/8	3-11/16	7	AR-515	S	277958	2.5	AR-515KC	AS	273746	2.5	AR-515P	S	274079	2.5
200-550	30	10	5	3/8	3-11/16	2	AR-515A	AS	299680	2.5	AR-515AKC	AS	273754	2.5	AR-515AP	S	274087	2.5
200-550	30	10	9	3/16	9	7	AR-519	S	263062	2.5	AR-519KC	AS	272778	2.5	AR-519P	S	265893	2.5
300-700	30	10	5	3/8	3-11/16	7	AR-715	S	269640	2.5	AR-715KC	AS	273770	2.5	AR-715P	AS	272081	2.5
300-700	30	10	9	3/16	12	7	AR-719	S	269659	2.5	AR-719KC	AS	273797	2.5	AR-719P	AS	269923	2.5
Single Phase ARR Reverse Acting																		
60-250	30	-	5	3/8	4	7	ARR-215	S	272292	2.5	ARR-215KC	AS	—	2.5	ARR-215P	AS	—	2.5
60-250	30	-	9	3/16	16-9/32	7	ARR-219	AS	272225	2.5	ARR-219KC	AS	273869	2.5	ARR-219P	AS	274124	2.5
200-550	30	-	9	3/16	11-1/4	7	ARR-519	AS	272989	2.5	ARR-519KC	AS	273893	2.5	ARR-519P	AS	277763	2.5

Stock Status: S = stock AS = assembly stock NS = non-stock

1. 120 - 250 Vac.

Other Notes —

- Thermowells (CPW_) and Universal Compression fitting (CCF) for all AR thermostats must be ordered separately.
- See ordering information table above for Bulb and Capillary dimensions.
- Pilot Duty Rating, 125 VA for 120 Vac, 250 VA for 250 - 277 Vac.