

AR & ARR

Non-Indicating Temperature Controllers

- Bulb & Capillary
- 0 - 700°F Temperature Range
- Single Phase, 120 - 480 Vac
- Three Phase, 208 - 277 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

Temp. Range (°F)	Amp.		Bulb Dimensions (In.)			Cap Lgth. (Ft.)	Model	Stock	PCN	Wt. (Lbs.)	Model	Stock	PCN	Wt. (Lbs.)	Model	Stock	PCN	Wt. (Lbs.)
	120/277V	480V	Style	Dia.	Lgth.													
Single Phase AR																		
										With Knob Cover				With Pilot Light				
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
60-250	30	10	9	3/16	10-11/16	15	AR-219D	S	299663	2.5	AR-219DKC	AS	272946	2.5	AR-219DP	AS	273957	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
200-550	30	10	9	3/16	9	15	AR-519D	AS	299698	2.5	AR-519DKC	AS	273762	2.5	AR-519DP	AS	274095	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	5	3/8	3-11/16	15	AR-715D	AS	228005	2.5	AR-715DKC	AS	273789	2.5	AR-715DP	AS	274108	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
Three Phase AR-3										With Knob Cover				With Pilot Light				
60-250	30'	-	5	3/8	4-1/4	7	AR-2153	S	263097	2.5	AR-2153KC	AS	273800	2.5	AR-2153P	AS	265818	2.5
200-550	30'	-	5	3/8	3-1/4	7	AR-5153	AS	263100	2.5	AR-5153KC	AS	273826	2.5	AR-5153P	AS	265834	2.5
Single Phase ARR Reverse Acting										With Knob Cover				With Pilot Light				
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	-	5	3/8	3-1/4	7	ARR-515	AS	272970	2.5	ARR-515KC	AS	273885	2.5	ARR-515P	AS	274132	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 —

A. Thermowells (CPW_) and Universal Compression fitting (CCF) for all AR thermostats must be ordered separately.

B. See ordering information table above for Bulb and Capillary dimensions.

C. Pilot Duty Rating, 125 VA for 120 Vac, 250 VA for 250 - 277 Vac.

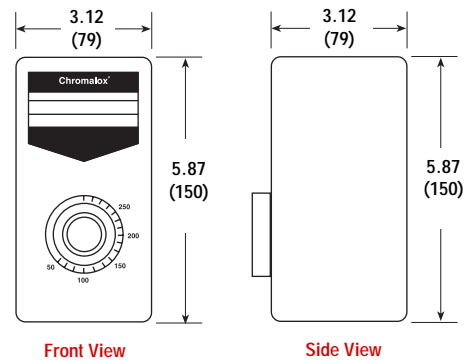


Applications

- 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