

Bulb and Capillary Thermostats - CAP Series - Automatic Reset

Description

These bulb and capillary thermostats have a fluid filled bulb. When temperature rises, the bulb fluid expands via a capillary tube to an expandable diaphragm within the remote thermostat case activating an electrical switch at the thermostat set point. The thermostats are compact and have ceramic bodies. Designed to maintain a constant and stable temperature, these devices offer precise heating control for ovens, warmers and many food service applications. Accessories include knobs, various dials or set screws that allow selection of the temperature set point.



SPECIFICATIONS	
TEMPERATURE RANGE	32°F to 752°F (0°C to 400°C)
UL ELECTRICAL RATINGS	120VAC, 20 Amps, 1/4 horsepower, Resistive
	240VAC, 20 Amps, 1/2 horsepower, Resistive
	100,000 Cycles
VDE ELECTRICAL RATINGS	250VAC, 5 Amps, Inductive
	400VAC, 1 Amp, Inductive
	10,000 Cycles
APPROVALS	UL File No. E168164(S) Guide XAPX2
	CUL. File No. E168164(S) Guide XAPX8
	E.C. Declaration of Conformity European Approvals: VDE, SEMKO, KEMA For A.G.A., consult Selco
OPTIONS CAN INCLUDE	NPT Fittings for mounting, screw terminals, quick connects, gold contacts, S.P.D.T., earth terminals
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STD. TEMP. RANGES	TOLERANCE	DIFFERENTIAL
4-40°C (40-104°F)	±2°C(±3.6°F)	1.5°C±1°C (2.7°F±1.8°F)
30-90°C (85-195°F)	±3°C(±5.4°F)	4°C±2°C (7.2°F±3.6°F)
30-110°C (85-230°F)	±4°C(±7.2°F)	4°C±2°C (7.2°F±3.6°F)
50-200°C (120-392°F)	±8°C(±14.4°F)	7°C±4°C (12.6°F±7.2°F)
50-220°C (120-428°F)	±8°C(±14.4°F)	7°C±4°C (12.6°F±7.2°F)
50-250°C (122-482°F)	±9°C(±16.2°F)	7°C±4°C (12.6°F±7.2°F)
50-300°C (120-570°F)	±9°C(±16.2°F)	7°C±4°C (12.6°F±7.2°F)
60-400°C (140-752°F)	±12°C(±21.6°F)	9°C±4°C (16.2°F±7.2°F)

SHAFT LENGTH		MOUNTING BRACKETS CENTER HOLES	
in.	mm	in.	mm
0.52	13	1.1	28/M4 THREAD
0.71	18	1.3	33/6-32 THREAD
0.75	19	1.7	44/6-32 THREAD
0.87	22		

Part No.	Temp. Range	Set Point	Switch	CAP. Mat	Bulb Length	Bulb Dia.	Dimensions	
							DXF	PDF
CAP-40-105 R	40-105°F	Adjustable	SPST	Copper	6.0"	.24"	Get	View
CAP-56-120 R	56-120°F	Adjustable	SPST	Stainless Steel	7.0"	.20"	Get	View
CAP-60-450	60-450°F	Adjustable	SPST	Stainless Steel	3.0"	.20"	Get	View
CAP-85-195 R	85-195°F	Adjustable	SPST	Copper	3.6"	.24"	Get	View
CAP-85-230 R	85-230°F	Adjustable	SPST	Copper	3.3"	.24"	Get	View
CAP-86-170	86-170°F	Adjustable	SPST	Stainless Steel	3.6"	.20"	Get	View
CAP-98-212 R	98-212°F	Adjustable	SPST	Stainless Steel	3.0"	2.0" spiral x .12"	Get	View
CAP-100-320	100-320°F	Adjustable	SPST	Stainless Steel	4.5"	.19"	Get	View
CAP-120-392	120-392°F	Adjustable	SPST	Stainless Steel	4.8"	.19"	Get	View
CAP-120-428	120-428°F	Adjustable	SPST	Copper	5.1"	.20"	Get	View
CAP-120-570	120-570°F	Adjustable	SPST	Copper	3.5"	.20"	Get	View
CAP-122-482	122-482°F	Adjustable	SPST	Copper	3.6"	.20"	Get	View
CAP-176-400	176-400°F	Adjustable	SPST	Copper	4.6"	.24"	Get	View

Pricing							
Part Number	2	5	25	50	100	250	500
CAP-100-320	\$27.00	\$27.00	\$25.00	\$22.83	\$18.90	\$15.71	\$12.80
CAP-120-392	\$27.00	\$27.00	\$25.00	\$22.83	\$18.90	\$15.71	\$12.80
CAP-120-428	\$27.00	\$27.00	\$25.00	\$22.83	\$18.90	\$15.71	\$12.80
CAP-120-570	\$27.00	\$27.00	\$25.00	\$22.83	\$18.90	\$15.71	\$12.80
CAP-122-482	\$27.00	\$27.00	\$25.00	\$22.83	\$18.90	\$15.71	\$12.80
CAP-176-400	\$27.00	\$27.00	\$25.00	\$22.83	\$18.90	\$15.71	\$12.80
CAP-60-450	\$27.00	\$27.00	\$25.00	\$22.83	\$18.90	\$15.71	\$12.80
CAP-86-170	\$27.00	\$27.00	\$25.00	\$22.83	\$18.90	\$15.71	\$12.80

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