

These low- and high- density cartridge heaters provide concentrated heat in limited spaces. They are ideal for GC/MS transfer line heater blocks, as well as jet separator heater blocks or sample heaters. They are UL Recognized and CSA Certified.

## Low Density Cartridge Heaters

Type 304 stainless steel sheathes on these heaters provide a good combination of physical strength and resistance to heat oxidation. Temperature limit is 1200°F. Flexible, insulated 10" leads are internally connected. **Note: These heaters cannot be immersed directly in liquid. All are 120 volts.**

Sheath. Lgth.	1/4" (.248") Dia.		3/8" (.373") Dia.		1/2" (.496") Dia.		5/8" (.622") Dia.	
	Watts	Part No.	Watts	Part No.	Watts	Part No.	Watts	Part No.
1 1/2"	-	-	40	3618K311	60	3618K21	100	3618K11
2"	32	3618K412	50	3618K312	75	3618K22	100	3618K12
2 1/2"	30	3618K413	75	3618K313	125	3618K211	150	3618K111
3"	-	-	100	3618K34	150	3618K24	175	3618K112
3 1/2"	-	-	120	3618K35	150	3618K25	190	3618K113
4"	100	3618K416	130	3618K314	180	3618K26	200	3618K114
4 1/2"	-	-	150	3618K37	200	3618K27	240	3618K115
5"	-	-	200	3618K315	200	3618K212	250	3618K116
5 1/2"	-	-	200	3618K38	300	3618K28	285	3618K117
6"	150	3618K419	225	3618K39	300	3618K29	300	3618K118

## High Density Cartridge Heaters

Without shortening heater life, these heaters produce higher watt densities and higher heat output than low-density cartridge heaters. Temperature limit is 1500°F. Flexible, insulated 10" leads are externally spliced to 1" long terminal pins. **High-density heaters are available in 120 and 240 volts, as shown in listings.**

Sheath. Lg.	1/4" (.248") Dia.			5/16" (.310") Dia.			3/8" (.371") Dia.				
	120 Volts Watts	240 Volts Part No.	Net Each	Watts	120 Volts Part No.	240 Volts Part No.	Net Each	Watts	120 Volts Part No.	240 Volts Part No.	Net Each
1"	80	3618K421	-	80	3618K521	-	100	3618K711	-	-	-
1 1/2"	100	3618K422	-	100	3618K522	-	150	3618K712	3618K835	-	-
2"	200	3618K423	3618K124	150	3618K523	-	200	3618K713	3618K933	-	-
2 1/2"	200	3618K424	-	150	3618K524	-	250	3618K714	3618K934	-	-
3"	200	3618K425	3618K125	225	3618K525	3618K831	375	3618K715	3618K935	-	-
3 1/2"	300	3618K426	3618K126	250	3618K526	3618K832	300	3618K716	3618K936	-	-
4"	300	3618K427	3618K127	275	-	3618K833	250	3618K717	3618K937	-	-
4 1/2"	325	3618K428	3618K128	300	3618K528	3618K834	450	3618K718	3618K938	-	-
5"	350	3618K429	3618K129	350	3618K529	3618K925	400	3618K719	3618K939	-	-
5 1/2"	350	3618K431	3618K131	250	3618K531	-	550	3618K721	3618K941	-	-
6"	400	3618K432	3618K132	450	3618K532	3618K926	600	3618K722	3618K942	-	-
7"	525	-	3618K133	550	-	3618K928	600	3618K723	3618K944	-	-
7 1/2"	525	3618K433	-	600	-	3618K929	725	-	3618K945	-	-
8"	600	-	3618K134	650	-	3618K931	900	-	3618K946	-	-
9 1/2"	525	3618K434	-	-	-	-	600	-	3618K949	-	-
10"	750	-	3618K135	-	-	-	1000	-	3618K951	-	-

Sheath. Lg.	1/2" (.496") Dia.			3/4" (.746") Dia.			
	120 Volts Watts	240 Volts Part No.	Net Each	Watts	120 Volts Part No.	240 Volts Part No.	Net Each
1"	50	3618K611	-	-	-	-	-
1 1/2"	150	3618K612	3618K952	-	-	-	-
2"	300	3618K613	3618K953	-	-	-	-
2 1/2"	250	3618K614	3618K954	-	-	-	-
3"	250	3618K615	3618K955	500	3618K176	3618K998	-
3 1/2"	500	3618K616	3618K956	-	-	-	-
4"	500	3618K617	3618K957	1000	3618K171	3618K989	-
4 1/2"	650	3618K618	3618K958	875	3618K172	3618K991	-
5"	750	3618K619	3618K959	1000	3618K173	3618K992	-
5 1/2"	750	3618K621	3618K961	-	-	-	-
6"	850	3618K622	3618K962	1000	3618K174	3618K993	-
7"	1000	3618K623	3618K964	1500	3618K175	3618K994	-
7 1/2"	500	3618K624	-	-	-	-	-
8"	1000	3618K625	3618K965	1000	-	3618K995	-
9 1/2"	800	-	3618K968	-	-	-	-
10"	1000	3618K626	3618K969	1000	-	3618K997	-



### ► Tech Tip

*Cartridge heaters along with a "J" thermocouple and the S.I.S. Temperature Controller Model CT101 provide a complete heater control system.*