

# BMS Cartridge Heaters



BMS Cartridge Heaters are in an elite category of high density cartridge heaters. No other swaged cartridge heater is compacted to their extent, producing excellent heat transfer capability and the dielectric and physical strength necessary for a long life and outstanding performance. BMS Cartridge Heaters are designed for applications where high operating temperatures are required, or where heaters are subjected to vibration. Because the construction allows maximum heat transfer and high temperatures, it is possible to use fewer heaters at high watt densities to reduce space requirements. BMS Cartridge Heaters are available from 1/4" to 3/4" diameters in just about any conceivable length increment.

Cartridge Heaters furnished with 10" Swaged-In Leads					
Diameter	Length	Volts	Watts	Part #	Price
1/4"	1	120	55	2000EE	13.25
	1	120	100	2001EE	13.25
	1	240	100	2002EE	13.25
	1	120	150	2003EE	13.25
	1-1/4	120	75	2004EE	14.25
	1-1/4	120	100	2005EE	14.25
	1-1/4	120	150	2006EE	14.25
	1-1/4	240	150	2007EE	14.25
	1-1/2	120	100	2008EE	14.25
	1-1/2	120	150	2009EE	14.25
	1-1/2	240	150	2010EE	14.25
	1-1/2	120	200	2011EE	14.25
	1-1/2	240	200	2012EE	14.25
	2	120	40	2013EE	15.55
	2	240	40	2014EE	15.55
	2	120	100	2015EE	15.55
	2	120	150	2016EE	15.55
	2	240	150	2017EE	15.55
	2	120	200	2018EE	15.55
	2	240	200	2019EE	15.55
	2	120	250	2020EE	15.55
	2	240	250	2021EE	15.55
	2-1/2	120	200	2022EE	17.80
	2-1/2	240	200	2023EE	17.80
	3	120	75	2024EE	17.80
3	240	75	2025EE	17.80	

Cartridge Heaters furnished with 10" Swaged-In Leads						
Diameter	Length	Volts	Watts	Part #	Price	
1/4"	3	240	150	2026EE	17.80	
	3	120	200	2027EE	17.80	
	3	240	200	2028EE	17.80	
	3	120	300	2029EE	17.80	
	3	240	300	2030EE	17.80	
	3-3/4	120	220	2031EE	20.10	
	4	120	100	2032EE	20.10	
	4	240	100	2033EE	20.10	
	4	120	200	2034EE	20.10	
	4	240	200	2035EE	20.10	
	4	120	300	2036EE	20.10	
	4	240	300	2037EE	20.10	
	4	120	375	2038EE	20.10	
	4-3/4	120	275	2039EE	22.40	
	5	120	300	2040EE	22.40	
	5	120	350	2041EE	22.40	
	5	240	350	2042EE	22.40	
	5	240	450	2043EE	22.40	
	5-3/4	120	350	2044EE	22.40	
	6	120	150	2045EE	22.40	
	6	240	150	2046EE	22.40	
	6	120	400	2047EE	24.70	
	6	240	400	2048EE	24.70	
	5/16"	2	120	100	2049EE	20.55
		2	240	100	2050EE	20.55
2		240	300	2051EE	20.55	

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Cartridge Heaters furnished with 10" Swaged-In Leads					
Diameter	Length	Volts	Watts	Part #	Price
5/16"	3	120	300	2052EE	22.50
	3	240	300	2053EE	22.50
	4	120	300	2054EE	24.65
	4	240	300	2055EE	24.65
	5	120	300	2056EE	27.60
	5	240	300	2057EE	27.60
3/8"	1	120	100	2058EE	10.75
	1	240	100	2059EE	10.75
	1-1/4	120	100	2060EE	11.70
	1-1/4	240	100	2061EE	11.70
	1-1/4	120	150	2062EE	11.75
	1-1/4	240	150	2063EE	11.75
	1-1/2	120	50	2064EE	11.75
	1-1/2	120	100	2065EE	11.75
	1-1/2	240	100	2066EE	11.75
	1-1/2	120	150	2067EE	11.75
	1-1/2	240	150	2068EE	11.75
	1-1/2	120	200	2069EE	11.75
	1-1/2	240	200	2070EE	11.75
	1-1/2	120	250	2071EE	11.75
	1-1/2	240	250	2072EE	11.75
	1-3/4	120	100	2073EE	12.85
	1-3/4	120	200	2074EE	12.85
	1-3/4	240	200	2075EE	12.85
	2	120	50	2076EE	12.85
	2	120	75	2077EE	12.85
	2	240	75	2078EE	12.85
	2	120	100	2079EE	12.85
	2	240	100	2080EE	12.85
	2	120	150	2081EE	12.85
	2	240	150	2082EE	12.85
	2	120	200	2083EE	12.85
2	240	200	2084EE	12.85	
2	120	250	2085EE	12.85	

Cartridge Heaters furnished with 10" Swaged-In Leads					
Diameter	Length	Volts	Watts	Part #	Price
3/8"	2	240	250	2086EE	12.85
	2	120	300	2087EE	12.85
	2	240	300	2088EE	12.85
	2-1/4	120	125	2089EE	14.95
	2-1/4	120	175	2090EE	14.95
	2-1/4	120	300	2091EE	14.95
	2-1/4	240	300	2092EE	14.95
	2-1/2	240	155	2093EE	14.95
	2-1/2	120	250	2094EE	14.95
	2-1/2	240	250	2095EE	14.95
	3	120	100	2096EE	14.95
	3	240	100	2097EE	14.95
	3	120	150	2098EE	14.95
	3	120	200	2099EE	14.95
	3	240	200	2100EE	14.95
	3	120	250	2101EE	14.95
	3	240	250	2102EE	14.95
	3	120	300	2103EE	14.95
	3	240	300	2104EE	14.95
	3	240	350	2105EE	14.95
	3	120	400	2106EE	14.95
	3	240	400	2107EE	14.95
	3	120	500	2108EE	14.95
	3	240	500	2109EE	14.95
	3-1/2	120	300	2110EE	17.10
	3-1/2	240	300	2111EE	17.10
	3-1/2	240	500	2112EE	17.10
	4	120	150	2113EE	17.10
	4	240	150	2114EE	17.10
	4	120	250	2115EE	17.10
	4	240	250	2116EE	17.10
	4	120	300	2117EE	17.10
4	240	300	2118EE	17.10	
4	240	350	2119EE	17.10	

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Cartridge Heaters furnished with 10" Swaged-In Leads					
Diameter	Length	Volts	Watts	Part #	Price
3/8"	4	120	400	2120EE	17.10
	4	240	400	2121EE	17.10
	4	120	500	2122EE	17.10
	4	240	500	2123EE	17.10
	4-1/2	120	300	2124EE	19.20
	4-1/2	240	300	2125EE	19.20
	4-1/2	240	500	2126EE	19.20
	5	120	150	2127EE	19.20
	5	240	150	2128EE	19.20
	5	120	185	2129EE	19.20
	5	240	185	2130EE	19.20
	5	120	300	2131EE	19.20
	5	240	300	2132EE	19.20
	5	240	400	2133EE	19.20
	5	120	500	2134EE	19.20
	5	240	500	2135EE	19.20
	5	240	550	2136EE	19.20
	5	240	750	2137EE	19.20
	5	240	1000	2138EE	19.20
	5-1/2	240	300	2139EE	19.20
	6	120	225	2140EE	19.20
	6	240	225	2141EE	19.20
	6	120	250	2142EE	21.35
	6	240	250	2143EE	21.35
	6	120	400	2144EE	21.35
	6	240	400	2145EE	21.35
	6	120	500	2146EE	21.35
	6	240	500	2147EE	21.35
	6	120	600	2148EE	21.35
	6	240	600	2149EE	21.35
	6	120	750	2150EE	21.35
	7	240	300	2151EE	23.45
7	240	1000	2152EE	23.45	
8	120	300	2153EE	25.55	

Cartridge Heaters furnished with 10" Swaged-In Leads						
Diameter	Length	Volts	Watts	Part #	Price	
3/8"	8	240	300	2154EE	25.55	
	8	120	600	2155EE	25.55	
	8	240	600	2156EE	25.55	
	8	240	1000	2157EE	25.55	
	9	240	1000	2158EE	27.65	
	10	120	600	2159EE	29.75	
	10	240	600	2160EE	29.75	
	10	240	1000	2161EE	29.75	
	12	240	750	2162EE	34.05	
	12	240	1000	2163EE	34.05	
	1/2"	1	120	50	2164EE	13.10
		1-1/4	120	125	2165EE	13.10
		1-1/4	240	125	2166EE	13.15
		1-1/4	240	150	2167EE	13.15
1-1/2		120	200	2168EE	13.10	
1-1/2		240	200	2169EE	13.10	
2		120	75	2170EE	14.65	
2		240	75	2171EE	14.65	
2		120	200	2172EE	14.65	
2		240	200	2173EE	14.65	
2		240	250	2174EE	14.65	
2		120	300	2175EE	14.65	
2		240	300	2176EE	14.65	
2		120	400	2177EE	14.65	
2		240	400	2178EE	14.65	
2-1/4		120	250	2179EE	17.40	
2-1/4		240	250	2180EE	17.40	
2-1/2		120	300	2181EE	17.40	
2-1/2		240	300	2182EE	17.40	
2-1/2		120	400	2183EE	17.40	
2-1/2	240	400	2184EE	17.40		
2-1/2	240	500	2185EE	17.40		
3	120	150	2186EE	17.40		
3	240	150	2187EE	17.40		

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Cartridge Heaters furnished with 10" Swaged-In Leads					
Diameter	Length	Volts	Watts	Part #	Price
1/2"	3	120	250	2188EE	17.40
	3	240	250	2189EE	17.40
	3	120	300	2190EE	17.40
	3	240	300	2191EE	17.40
	3	120	400	2192EE	17.40
	3	240	400	2193EE	17.40
	3	240	500	2194EE	17.40
	3-1/2	120	500	2195EE	20.20
	3-1/2	240	500	2196EE	20.20
	4	120	180	2197EE	20.20
	4	240	180	2198EE	20.20
	4	240	250	2199EE	20.20
	4	120	300	2200EE	20.20
	4	240	300	2201EE	20.20
	4	240	350	2202EE	20.20
	4	120	400	2203EE	20.20
	4	240	400	2204EE	20.20
	4	120	500	2205EE	20.20
	4	240	500	2206EE	20.20
	4	240	750	2207EE	20.20
	4-1/2	120	500	2208EE	23.00
	4-1/2	240	500	2209EE	23.00
	5	120	200	2210EE	23.00
	5	240	200	2211EE	23.00
	5	240	300	2212EE	23.00
	5	120	350	2213EE	23.00
	5	240	350	2214EE	23.00
	5	120	500	2215EE	23.00
	5	240	500	2216EE	23.00
	5	120	750	2217EE	23.00
	5	240	750	2218EE	23.00
	5	240	800	2219EE	23.00
5	240	1000	2220EE	23.00	
5-1/2	240	750	2221EE	25.80	

Cartridge Heaters furnished with 10" Swaged-In Leads					
Diameter	Length	Volts	Watts	Part #	Price
1/2"	6	120	300	2222EE	25.80
	6	240	300	2223EE	25.80
	6	240	500	2224EE	25.80
	6	120	750	2225EE	25.80
	6	240	750	2226EE	25.80
	6	120	1000	2227EE	25.80
	6	240	1000	2228EE	25.80
	6	240	1500	2229EE	25.80
	6-1/2	240	1000	2230EE	28.55
	7	240	500	2231EE	28.55
	7	120	600	2232EE	28.55
	7	240	600	2233EE	28.55
	7	240	1000	2234EE	28.55
	8	120	400	2235EE	31.40
	8	240	400	2236EE	31.40
	8	120	500	2237EE	31.40
	8	240	500	2238EE	31.40
	8	120	750	2239EE	31.40
	8	240	750	2240EE	31.40
	8	120	1000	2241EE	31.40
	8	240	1000	2242EE	31.40
	8	240	1200	2243EE	31.40
	8	240	1500	2244EE	31.40
	9	240	500	2245EE	31.90
	9	240	1000	2246EE	31.90
	10	120	500	2247EE	34.55
	10	240	500	2248EE	34.55
	10	120	1000	2249EE	34.55
	10	240	1000	2250EE	34.55
	10	240	1500	2251EE	34.55
	10	240	2000	2252EE	34.55
	12	120	600	2253EE	39.75
12	240	600	2254EE	39.75	
12	120	1000	2255EE	39.75	

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Cartridge Heaters furnished with 10" Swaged-In Leads					
Diameter	Length	Volts	Watts	Part #	Price
1/2"	12	240	1000	2256EE	39.75
	12	240	1500	2257EE	39.75
	12	240	2000	2258EE	39.75
	14	240	1000	2259EE	45.00
	15	240	1000	2260EE	47.60
	15	240	1500	2261EE	47.60
	16	120	800	2262EE	50.25
	16	240	800	2263EE	50.25
	16	240	1000	2264EE	50.25
5/8"	1-1/2	120	200	2265EE	14.65
	2	120	100	2266EE	14.65
	2	240	100	2267EE	14.65
	2	120	200	2268EE	14.65
	2	240	200	2269EE	14.65
	2	240	300	2270EE	14.65
	2-1/4	120	250	2271EE	17.55
	2-1/4	240	250	2272EE	17.55
	3	120	200	2273EE	17.55
	3	240	200	2274EE	17.55
	3	120	250	2275EE	17.55
	3	240	250	2276EE	17.55
	3	120	400	2277EE	17.55
	3	240	400	2278EE	17.55
	3	120	500	2279EE	17.55
	3	240	500	2280EE	17.55
	3-3/4	120	525	2281EE	20.50
	3-3/4	240	525	2282EE	20.50
	4	120	250	2283EE	20.50
	4	240	250	2284EE	20.50
	4	120	500	2285EE	20.50
	4	240	500	2286EE	20.50
	4	240	700	2287EE	20.50
	4	240	750	2288EE	20.50
	4	240	1000	2289EE	20.50

Cartridge Heaters furnished with 10" Swaged-In Leads					
Diameter	Length	Volts	Watts	Part #	Price
5/8"	5	120	300	2290EE	23.40
	5	240	300	2291EE	23.40
	5	120	500	2292EE	23.40
	5	240	500	2293EE	23.40
	5	240	750	2294EE	23.40
	5	240	1000	2295EE	23.40
	6	120	375	2296EE	26.30
	6	240	375	2297EE	26.30
	6	240	500	2298EE	26.30
	6	240	750	2299EE	26.30
	6	240	1000	2300EE	26.30
	7	120	1000	2301EE	29.25
	7	240	1000	2302EE	29.25
	7	240	1500	2303EE	29.25
	8	120	500	2304EE	32.15
	8	240	500	2305EE	32.15
	8	120	1000	2306EE	32.15
	8	240	1000	2307EE	32.15
	8	240	1200	2308EE	32.15
	8	240	1500	2309EE	32.15
	9	240	1000	2310EE	35.10
	9	240	1400	2311EE	35.10
	9	240	1500	2312EE	35.10
	10	120	650	2313EE	38.00
	10	240	650	2314EE	38.00
	10	240	1000	2315EE	38.00
	10	240	1500	2316EE	38.00
	10	240	2000	2317EE	38.00
	12	120	775	2318EE	43.85
	12	240	775	2319EE	43.85
	12	240	1000	2320EE	43.85
	12	240	1500	2321EE	43.85
12	240	2000	2322EE	43.85	
14	240	900	2323EE	45.85	

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Cartridge Heaters furnished with 10" Swaged-In Leads					
Diameter	Length	Volts	Watts	Part #	Price
5/8"	14	240	1500	2324EE	45.85
	14	240	2000	2325EE	45.85
	14	240	2400	2326EE	45.85
	16	240	1000	2327EE	54.00
	16	120	1050	2328EE	54.00
	16	240	1050	2329EE	54.00
	16	240	2110	2330EE	54.00
	24	240	1000	2331EE	74.15
	24	240	1500	2332EE	74.15
	24	240	2000	2333EE	74.15
3/4"	2	120	200	2334EE	16.40
	2	240	200	2335EE	16.40
	2	240	300	2336EE	16.40
	3	240	225	2337EE	20.05
	3	240	400	2338EE	20.05
	3	120	500	2339EE	20.05
	3	240	500	2340EE	20.05
	4	120	300	2341EE	23.75
	4	240	300	2342EE	23.75
	4	120	500	2343EE	23.75
	4	240	500	2344EE	23.75
	4	240	750	2345EE	23.75
	4	240	1000	2346EE	23.75
	5	120	375	2347EE	27.40
	5	240	375	2348EE	27.40
	5	240	500	2349EE	27.40
	5	120	1000	2350EE	27.40
	5	240	1000	2351EE	27.40
	6	120	450	2352EE	31.10
	6	240	450	2353EE	31.10
	6	120	500	2354EE	31.10
	6	240	500	2355EE	31.10
	6	240	750	2356EE	31.10
	6	240	1000	2357EE	31.10

Cartridge Heaters furnished with 10" Swaged-In Leads					
Diameter	Length	Volts	Watts	Part #	Price
3/4"	6	240	1200	2358EE	31.10
	6	240	1500	2359EE	31.10
	7	120	500	2360EE	34.75
	7	240	500	2361EE	34.75
	7	240	1000	2362EE	34.75
	7	240	1500	2363EE	34.75
	8	120	600	2364EE	38.45
	8	240	600	2365EE	38.45
	8	120	750	2366EE	38.45
	8	240	750	2367EE	38.45
	8	240	1000	2368EE	38.45
	8	240	1500	2369EE	38.45
	8	240	2000	2370EE	38.45
	9	240	1800	2371EE	38.45
	10	120	800	2372EE	45.80
	10	240	800	2373EE	45.80
	10	240	1000	2374EE	45.80
	10	240	1500	2375EE	45.80
	10	240	1600	2376EE	45.80
	10	240	2000	2377EE	45.80
	12	120	950	2378EE	53.15
	12	240	950	2379EE	53.15
	12	240	1000	2380EE	53.15
	12	240	1500	2381EE	53.15
	12	240	2000	2382EE	53.15
	14	240	1100	2383EE	61.65
	14	240	2200	2384EE	61.65
	16	240	1250	2385EE	62.00
	24	240	1000	2386EE	89.55
	24	240	1500	2387EE	89.55
	24	240	2000	2388EE	89.55

# BMS Cartridge Heaters

The BMS Cartridge Heaters listed are D-M-E equivalent Low Watt Density Replacement Heaters for use in hot runner systems and other mold heating applications. Supplied with 10" swaged high temperature leads.

D-M-E Equivalent Low Watt Density Cartridge Heaters						
BMS Part #	Diameter	Length	Watts	Volts	D-M-E Part #	Price
2013EE	1/4"	2	40	120	CU-202-1	15.55
2014EE		2	40	240	CU-202-2	15.55
2024EE		3	75	120	CU-203-1	17.80
2025EE		3	75	240	CU-203-2	17.80
2032EE		4	100	120	CU-204-1	20.10
2033EE		4	100	240	CU-204-2	20.10
2045EE		6	150	120	CU-206-1	22.40
2046EE		6	150	240	CU-206-2	22.40
2077EE		3/8"	2	75	120	CU-302-1
2078EE	2		75	240	CU-302-2	12.85
2096EE	3		100	120	CU-303-1	14.95
2097EE	3		100	240	CU-303-2	14.95
2113EE	4		150	120	CU-304-1	17.10
2129EE	5		185	120	CU-305-1	19.20
2130EE	5		185	240	CU-305-2	19.20
2140EE	6		225	120	CU-306-1	19.20
2141EE	6		225	240	CU-306-2	19.20
2153EE	8		300	120	CU-308-1	25.55
2154EE	8	300	240	CU-308-2	25.55	
2170EE	1/2"	2	75	120	CU-402-1	14.65
2171EE		2	75	240	CU-402-2	14.65
2186EE		3	150	120	CU-403-1	17.40
2187EE		3	150	240	CU-403-2	17.40
2197EE		4	180	120	CU-404-1	20.20
2198EE		4	180	240	CU-404-2	20.20
2210EE		5	200	120	CU-405-1	23.00
2211EE		5	200	240	CU-405-2	23.00
2222EE		6	300	120	CU-406-1	25.80
2223EE		6	300	240	CU-406-2	25.80
2235EE		8	400	120	CU-408-1	31.40
2236EE		8	400	240	CU-408-2	31.40
2247EE		10	500	120	CU-410-1	34.55
2248EE		10	500	240	CU-410-2	34.55
2253EE		12	600	120	CU-412-1	39.75
2254EE		12	600	240	CU-412-2	39.75
2262EE	16	800	120	CU-416-1	50.25	
2263EE	16	800	240	CU-416-2	50.25	

## Low Watt Density Cartridge Heaters



# BMS Cartridge Heaters

The BMS Cartridge Heaters listed are D-M-E equivalent Low Watt Density Replacement Heaters for use in hot runner systems and other mold heating applications. Supplied with 10" swaged high temperature leads.

## Low Watt Density Cartridge Heaters



D-M-E Equivalent Low Watt Density Cartridge Heaters						
BMS Part #	Diameter	Length	Watts	Volts	D-M-E Part #	Price
2266EE	5/8"	2	100	120	CU-502-1	14.65
2267EE		2	100	240	CU-502-2	14.65
2273EE		3	200	120	CU-503-1	17.55
2274EE		3	200	240	CU-503-2	17.55
2283EE		4	250	120	CU-504-1	20.50
2284EE		4	250	240	CU-504-2	20.50
2290EE		5	300	120	CU-505-1	23.40
2291EE		5	300	240	CU-505-2	23.40
2296EE		6	375	120	CU-506-1	26.30
2297EE		6	375	240	CU-506-2	26.30
2304EE		8	500	120	CU-508-1	32.15
2305EE		8	500	240	CU-508-2	32.15
2313EE		10	650	120	CU-510-1	38.00
2314EE		10	650	240	CU-510-2	38.00
2318EE		12	775	120	CU-512-1	43.85
2319EE		12	775	240	CU-512-2	43.85
2323EE		14	900	240	CU-514-2	45.85
2328EE		16	1050	120	CU-516-1	54.00
2329EE		16	1050	240	CU-516-2	54.00
2335EE		3/4"	2	200	240	CU-602-2
2337EE	3		225	240	CU-603-2	20.05
2341EE	4		300	120	CU-604-1	23.75
2342EE	4		300	240	CU-604-2	23.75
2347EE	5		375	120	CU-605-1	27.40
2348EE	5		375	240	CU-605-2	27.40
2352EE	6		450	120	CU-606-1	31.10
2353EE	6		450	240	CU-606-2	31.10
2364EE	8		600	120	CU-608-1	38.45
2365EE	8		600	240	CU-608-2	38.45
2372EE	10		800	120	CU-610-1	45.80
2373EE	10		800	240	CU-610-2	45.80
2378EE	12		950	120	CU-612-1	53.15
2379EE	12		950	240	CU-612-2	53.15
2383EE	14		1100	240	CU-614-2	61.65
2385EE	16		1250	240	CU-616-2	62.00



# BMS Cartridge Heaters

The BMS Cartridge Heaters listed are D-M-E equivalent High Watt Density Replacement Heaters for use in hot runner systems and other mold heating applications. Supplied with 10" swaged high temperature leads.

D-M-E Equivalent High Watt Density Cartridge Heaters							
BMS Part #	Diameter	Length	Watts	Volts	D-M-E Part #	Price	
2002EE	1/4"	1	100	120	CM-100-1	13.25	
2003EE		1	100	240	CM-100-2	13.25	
2009EE		1-1/2	150	120	CM-112-1	14.25	
2010EE		1-1/2	150	240	CM-112-2	14.25	
2018EE		2	200	120	CM-202-1	15.55	
2019EE		2	200	240	CM-202-2	15.55	
2029EE		3	300	120	CM-203-1	17.80	
2030EE		3	300	240	CM-203-2	17.80	
2038EE		4	375	240	CM-204-2	20.10	
2043EE		5	450	240	CM-205-2	22.40	
2086EE		3/8"	2	250	240	CM-302-2	12.85
2105EE			3	350	240	CM-303-2	14.95
2123EE	4		500	240	CM-304-2	17.10	
2136EE	5		550	240	CM-305-2	19.20	
2149EE	6		600	240	CM-306-2	21.35	
2174EE	1/2"		2	250	240	CM-402-2	14.65
2191EE		3	300	240	CM-403-2	17.40	
2204EE		4	400	240	CM-404-2	20.20	
2219EE		5	800	240	CM-405-2	23.00	
2228EE		6	1000	240	CM-406-2	25.80	
2243EE		8	1200	240	CM-408-2	31.40	
2251EE		10	1500	240	CM-410-2	34.55	
2258EE		12	2000	240	CM-412-2	39.75	
2270EE	5/8"	2	300	240	CM-502-2	14.65	
2288EE		4	700	240	CM-504-2	20.50	
2300EE		6	1000	240	CM-506-2	26.30	
2308EE		8	1200	240	CM-508-2	32.15	
2312EE		9	1400	240	CM-509-2	35.10	
2316EE		10	1500	240	CM-510-2	38.00	
2325EE		14	2000	240	CM-514-2	45.85	
2336EE		3/4"	2	300	240	CM-602-2	16.40
2345EE	4		750	240	CM-604-2	23.75	
2358EE	6		1200	240	CM-606-2	31.10	

## High Watt Density Cartridge Heaters



# BMS Cartridge Heaters

## Hot Runner Heaters with Internal Type J Thermocouple

The BMS Cartridge Heaters listed have a type 'J' thermocouple located at the tip of the heater and are used in hot runner systems and other mold heating applications. Supplied with 36" long power and thermocouple leads. Cross referenced to D-M-E and Incoe part numbers.

Cartridge Heaters with Type 'J' Thermocouple at Tip. 36" Power and T/C Leads.							
BMS Part #	Diameter	Length	Watts	Volts	D-M-E Part #	Incoe Part #	Price
2389EE	1/4"	1-1/2	200	240	---	---	29.20
2390EE		1-3/4	200	240	---	---	29.50
2391EE		2	200	240	---	---	29.50
2392EE		2-1/2	200	240	---	---	31.60
2393EE		3	200	240	---	---	31.60
2394EE		3-1/2	250	240	---	---	33.10
2395EE		4	250	240	---	---	33.10
2396EE		5	250	240	---	---	34.00
2397EE		3/8"	1-3/4	200	240	TCH0001	TJ38017
2398EE	2		250	240	TCH0002	TJ38020	30.65
2399EE	2-1/2		250	240	TCH0003	TJ38025	32.35
2400EE	3		250	240	TCH0004	TJ38030	32.35
2401EE	3-1/2		320	240	TCH0005	TJ38035	34.10
2402EE	4		370	240	TCH0006	TJ38040	34.10
2403EE	4-1/2		420	240	TCH0007	TJ38045	35.15
2404EE	5		470	240	TCH0008	TJ38050	35.15
2405EE	5-1/2		525	240	TCH0009	TJ38055	36.80
2406EE	6		575	240	TCH0010	TJ38060	36.80
2407EE	6-1/2		625	240	TCH0011	TJ38065	38.50
2408EE	7		675	240	TCH0012	TJ38070	38.50
2409EE	7-1/2		725	240	TCH0013	TJ38075	40.20
2410EE	8		775	240	TCH0014	TJ38080	40.20
2411EE	1/2"	3-1/2	420	240	TCH0015	TJ12035	35.95
2412EE		4	480	240	TCH0016	TJ12040	35.95
2413EE		4-1/2	550	240	TCH0017	TJ12045	38.15
2414EE		5	625	240	TCH0018	TJ12050	38.15
2415EE		5-1/2	700	240	TCH0019	TJ12055	40.35
2416EE		6	775	240	TCH0020	TJ12060	40.35
2417EE		6-1/2	850	240	TCH0021	TJ12065	42.55
2418EE		7	900	240	---	TJ12070	42.55
2419EE		7-1/2	975	240	TCH0022	TJ12075	44.05
2420EE		8	1050	240	---	---	44.05
2421EE		8-1/2	1100	240	---	---	46.20
2422EE		9	1200	240	---	---	46.20
2423EE		9-1/2	1250	240	---	---	48.35
2424EE		10	1325	240	---	---	48.35
2425EE		10-1/2	1400	240	---	---	50.55
2426EE		11-1/2	1525	240	---	---	52.70

# BMS Cartridge Heaters

## Hot Runner Probe Cartridge Heaters

The BMS Hot Runner Probe Cartridge Heaters are available with and without a type 'J' thermocouple located at the tip of the cartridge. These cartridge heaters are used in D-M-E hot runner systems as well as other mold heating applications.



Hot Runner Probe Cartridge Heaters								
BMS Part #	Diameter	Length	Watts	Volts	Lead Length	Type J T/C?	D-M-E Part #	Price
BPTC-202-2	1/4"	2	200	240	36"	Y	AFTC-202-2	33.59
2019EE		2	200	240	10"	N	AFC-202-2	15.55
BPTC-203-2		3	300	240	36"	Y	AFTC-203-2	35.48
2030EE		3	300	240	10"	N	AFC-203-2	17.80
BPTC-213-2		3	150	240	36"	Y	AFTC-213-2	35.48
2026EE		3	150	240	10"	N	AFC-213-2	17.80
BPTC-214-2		3-3/4	220	240	36"	Y	AFTC-214-2	37.15
2031EE		3-3/4	220	240	10"	N	AFC-214-2	20.10
BPTC-204-2		4	375	240	36"	Y	AFTC-204-2	37.15
BPTC-215-2		4-3/4	275	240	36"	Y	AFTC-215-2	47.83
2039EE		4-3/4	275	240	10"	N	AFC-215-2	22.40
BPTC-205-2		5	475	240	36"	Y	AFTC-205-2	38.77
BPTC-216-2		5-3/4	350	240	36"	Y	AFTC-216-2	40.39
2044EE		5-3/4	350	240	10"	N	AFC-216-2	22.40
BPTC-327-2	3/8"	7.15	645	240	36"	Y	AFTC-327-2	45.52
BPTC-328-2		8.15	760	240	36"	Y	AFTC-328-2	47.79
BPTC-329-2		9.15	870	240	36"	Y	AFTC-329-2	49.30
BPTC-3210-2		10.15	980	240	36"	Y	AFTC-3210-2	51.25

## Hot Runner Distributor Tube Cartridge Heaters

The BMS Hot Runner Distributor Tube Cartridge Heaters are used in D-M-E hot runner systems as well as other mold heating applications. All heaters listed are supplied with 36" power and thermocouple leads.

A type 'J' thermocouple is located in the center of the length of the heater.

1/2" O.D. Distributor Tube Cartridge Heaters					
O.D.	Length	Volts	Watts	Part #	Price
1/2"	4	240	380	BDTC-04-4	40.72
	5	240	500	BDTC-04-5	43.04
	6	240	600	BDTC-04-6	45.31
	7	240	700	BDTC-04-7	47.84
	8	240	820	BDTC-04-8	50.27
	9	240	920	BDTC-04-9	52.81
	10	240	1030	BDTC-04-10	55.30
	11	240	1140	BDTC-04-11	57.78
	12	240	1250	BDTC-04-12	60.26
	13	240	1350	BDTC-04-13	62.75
	14	240	1460	BDTC-04-14	65.30
	15	240	1570	BDTC-04-15	67.82
	16	240	1680	BDTC-04-16	70.31
	17	240	1780	BDTC-04-17	72.85
	18	240	1900	BDTC-04-18	75.33
	19	240	2010	BDTC-04-19	77.87
	20	240	2110	BDTC-04-20	80.46
	21	240	2220	BDTC-04-21	82.94
	22	240	2330	BDTC-04-22	85.54
	23	240	2400	BDTC-04-23	88.07
	24	240	2400	BDTC-04-24	90.61
	25	240	2400	BDTC-04-25	93.15
	26	240	2400	BDTC-04-26	95.69
	27	240	2400	BDTC-04-27	98.23
	28	240	2400	BDTC-04-28	100.76
	29	240	2400	BDTC-04-29	103.25
	30	240	2400	BDTC-04-30	105.79

5/8" O.D. Distributor Tube Cartridge Heaters					
O.D.	Length	Volts	Watts	Part #	Price
5/8"	5	240	620	BDTC-05-5	41.90
	6	240	750	BDTC-05-6	48.82
	7	240	880	BDTC-05-7	51.52
	8	240	1020	BDTC-05-8	54.38
	9	240	1160	BDTC-05-9	57.13
	10	240	1300	BDTC-05-10	59.94
	11	240	1430	BDTC-05-11	62.75
	12	240	1570	BDTC-05-12	65.45
	13	240	1700	BDTC-05-13	68.26
	14	240	1840	BDTC-05-14	71.06
	15	240	1980	BDTC-05-15	73.82
	16	240	2110	BDTC-05-16	76.57
	17	240	2250	BDTC-05-17	79.43
	18	240	2390	BDTC-05-18	82.19
	19	240	2525	BDTC-05-19	85.00
	20	240	2660	BDTC-05-20	87.80
	21	240	2800	BDTC-05-21	90.61
	22	240	2930	BDTC-05-22	93.42
	23	240	3070	BDTC-05-23	96.23
	24	240	3200	BDTC-05-24	99.04
	25	240	3340	BDTC-05-25	101.84
	26	240	3480	BDTC-05-26	104.65
	27	240	3620	BDTC-05-27	107.51
	28	240	3750	BDTC-05-28	110.32
	29	240	3900	BDTC-05-29	113.13
	30	240	4030	BDTC-05-30	115.99
	32	240	4300	BDTC-05-32	121.61
	36	240	4840	BDTC-05-36	132.95

While many companies can build a general use cartridge heater, Nextthermal is committed to deliver the best heater specifically for your application. When you see the design elements beyond the obvious similarities to commodity heaters, critical engineering decisions can be made to dramatically improve durability, product quality, responsiveness, and cycle time.

Nextthermal manufactures heaters with better components, materials and precision:

- High watt density heaters are built using 8" long ceramic cores, 33% longer than our competitors, resulting in fewer electrical connections on long heaters.
- Standard stainless steel sheath is SS321 for improved corrosion resistance. (Incoloy available)
- Anti-seize coating option applied in-house for faster delivery.
- Centerless grinding option to a tolerance of  $\pm .0008$ " for a better fit.
- Computer controlled resistance winding ensures the right wattage distribution profile on every heater.
- Technical support to understand your application and design a heater with your specific use in mind.



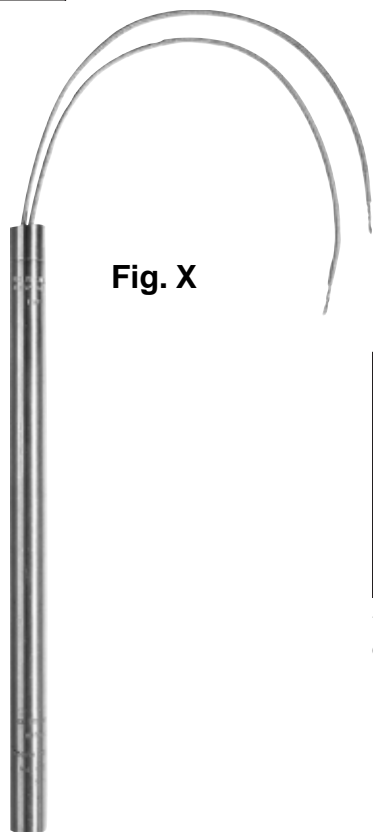
#### Performance Options:

**Distributed Wattage** - Nextthermal has developed industry specific winding profiles to improve thermal profiles including packaging, rubber and injection molding. We have also successfully developed OEM specific winding profiles to compensate for challenging heater placement.

**Moisture Resistance** - If your application requires wash down, has high amounts of humidity in the ambient air, or has machinery oil nearby, Nextthermal has a wide range of options to deliver moisture resistance at your operating temperature.

**Anti-Seize Coating** - Building a better heater that lasts longer can make removal more difficult when a heater must be replaced. Removal labor often costs more than the heater itself. Nextthermal's in-house anti-seize coating is a cost effective option that can be added without impacting delivery time.

## Lead Configurations



**Fig. X**

### Fig. X High Temperature Fully Flexible Leads

The Fig. X modification is high temperature, fiberglass braided, mica tape insulated lead wires internally connected and swaged in place. Fully flexible from the exit of the sheath, the high temperature 850°F (450°C) lead wires are ideal for applications where spacing is limited and flexing occurs. 12" leads are standard - specify additional length.

Fig. X (Non-Stock Heaters)	
Diameter	Minimum Unheated Area*
1/4"	1/4"
3/8"	1/4"
1/2"	1/4"
5/8"	1/4"
3/4"	1/4"

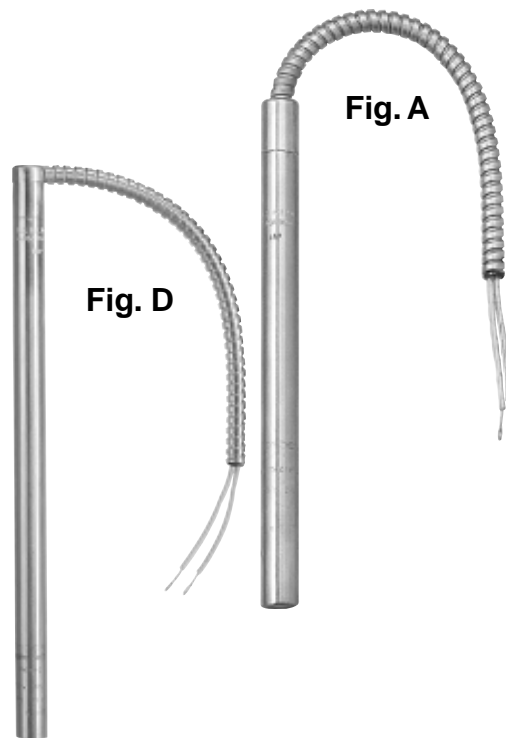
\*At lead end. Standard cold sections can be increased.

## Stainless Steel Armor Cable Lead Protection

Stainless steel armor cable is the best protection for use where lead wires experience abrasion. When ordering non-stock Figure A and D items, specify the overall sheath length. 14" high temperature 850°F (450°C) leads with 12" cable is standard - specify additional length.

Fig. A & D (Non-Stock Heaters)			
Diameter	Minimum Unheated*		Cable O.D.
	Fig. A	Fig. D	
1/4"	1/4"	.32	1/4"
3/8"	1/4"	.48	3/8"
1/2"	1/4"	.52	3/8"
5/8"	1/4"	.63	1/2"
3/4"	1/4"	.71	5/8"

\*At lead end. Standard cold sections can be increased.



**Fig. D**

**Fig. A**

## Lead Configurations

### Stainless Steel Braided Lead Protection

Swaged-in double conductor stainless steel braid is internally connected for strength and full length flexibility.

14" high temperature 850°F (450°C) leads with 12" braid is standard. Specify additional length.

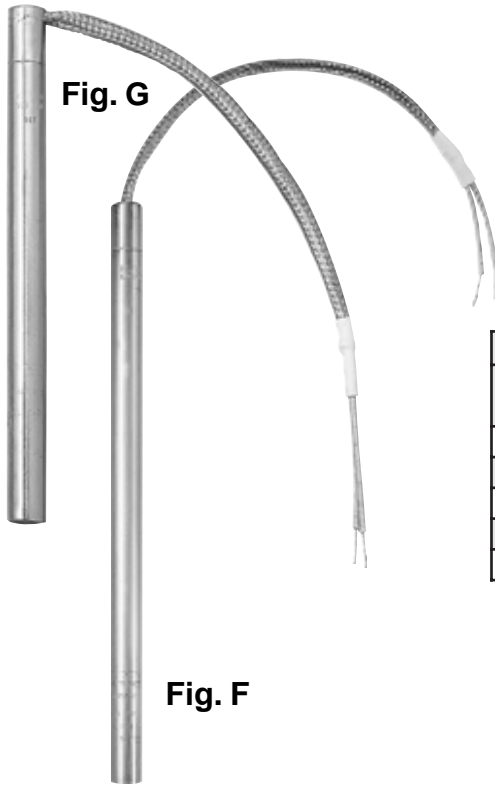


Fig. F & G (Non-Stock Heaters)		
Diameter	Minimum Unheated*	
	Fig. F	Fig. G
1/4"	1/4"	.32
3/8"	1/4"	.48
1/2"	1/4"	.52
5/8"	1/4"	.63
3/4"	1/4"	.71

\*At lead end. Standard cold sections can be increased.

Fig. F

### Right Angle Fiberglass Flexible Leads

Figure R leads are used when spacing requirements are limited.

When ordering non-stock Fig. R leads, specify the overall sheath length. High temperature 850°F (450°C) leads are fully flexible from the exit of the sheath. 12" lead wire is standard. Specify additional length.

Fig. R (Non-Stock Heaters)	
Diameter	Minimum Unheated*
1/4"	.32
3/8"	.48
1/2"	.52
5/8"	.63
3/4"	.71

\*At lead end. Standard cold sections can be increased.

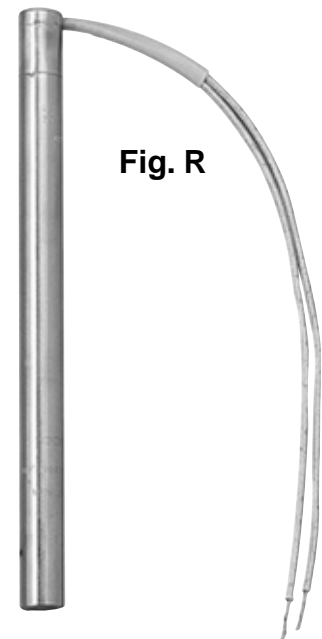
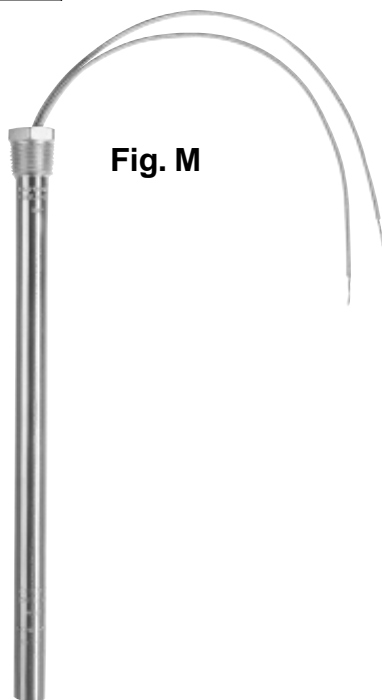


Fig. R

## Lead Configurations

### Cartridge Immersion Heater

Figure M is a brass, steel or stainless steel pipe fitting which allows liquid tight installation through threaded openings. Fittings are brazed. For welded fittings and other cartridge heater variations, contact BMS. Be certain the watt density and sheath material are compatible with the material being heated.



**Fig. M**

Diameter	Pipe Size NPT	Pipe Fitting Length
1/4"	1/8-27	17mm
3/8"	1/4-18	17mm
1/2"	3/8-18	19.2mm
5/8"	1/2-14	22mm
3/4"	3/4-14	24mm
Stock Sheath Length is Immersion Length		

### Figure M Ordering Instructions.

Select cartridge heater from stock, brass, steel or stainless steel pipe fitting and size, type of termination and lead length.

### Threaded Terminals

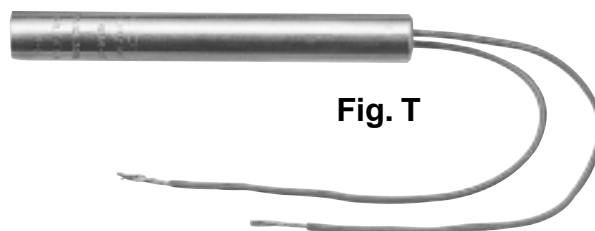
Screw terminals facilitate ease of connection using lug terminals, standard leads or bus bar. Fig. Y is available in 1/2", 5/8", 1" and 1-1/4" diameters. Standard terminals are 8-32 x 5/8". Other terminal sizes are available. Consult BMS.



**Fig. Y**

### Moisture and Contamination Resistant Leads

Figure. T - Silicone Potting. Swaged in leads and silicone potting resist oil and water up to 482°F (250°C) maximum application temperature. Minimum unheated area at lead end is 1". Standard lead length is 12".



**Fig. T**



# Nexthermal Cartridge Heaters

## Flanged Heaters

Cartridge heaters can be manufactured with a flange located at any point along the sheath with adequate unheated area.



**Fig. W**

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## Additional Variations

- Special Wattage Distribution. Specify percentage of overall wattage and length for each section. Typically, the entire length is divided into thirds with the overall wattage split into the following percentages: 40% at lead and bottom third of length with 20% in the middle, or, 35% at lead and bottom third of length with 30% in the middle.
- Fiberglass Sleeving.
- PTFE Sleeving.
- Special Unheated Area.
- Ground Wire.
- Centerless Grinding of Sheath to Precision Diameter.
- Ceramic Bead Insulation.
- Built-in Thermostat or Thermal Fuse.
- Independent Zones.
- Multiple Circuits.
- Anti-Sieze Coating.

# Nexthermal Cartridge Heaters

Base Stock List - See Bottom of Page for Lead Options

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>1/4"</b>	1	120	100	2500EE-	24.70
	1-1/4	240	225	2501EE-	24.90
	1-1/2	120	30	2502EE-	24.90
	1-1/2	120	100	2503EE-	24.90
	1-1/2	240	100	2504EE-	24.90
	1-1/2	120	150	2505EE-	24.90
	1-1/2	120	200	2506EE-	24.90
	1-1/2	240	200	2507EE-	24.90
	1-3/4	120	150	2508EE-	24.90
	1-3/4	120	200	2509EE-	24.90
	1-3/4	240	300	2510EE-	25.70
	2	120	40	2511EE-	25.70
	2	240	40	2512EE-	25.70
	2	120	75	2513EE-	25.70
	2	120	125	2514EE-	25.70
	2	240	125	2515EE-	25.70
	2	120	150	2516EE-	25.70
	2	240	150	2517EE-	25.70
	2	120	200	2518EE-	25.70
	2	240	200	2519EE-	25.70
2	120	250	2520EE-	25.70	
2	240	250	2521EE-	25.70	
2-1/2	120	200	2522EE-	26.40	

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>1/4"</b>	2-1/2	120	250	2523EE-	26.40
	2-1/2	240	250	2524EE-	26.40
	2-3/4	240	300	2525EE-	27.10
	3	120	125	2526EE-	27.10
	3	120	200	2527EE-	27.10
	3	240	200	2528EE-	27.10
	3	240	250	2529EE-	27.10
	3	120	300	2530EE-	27.10
	3	240	300	2531EE-	27.10
	3-1/2	120	300	2532EE-	28.20
	4	120	100	2533EE-	30.50
	4	120	200	2534EE-	30.50
	4	240	200	2535EE-	30.50
	4	120	300	2536EE-	30.50
	4-1/2	240	350	2537EE-	30.50
	5	240	200	2538EE-	33.70
	5	240	350	2539EE-	33.70
	5	120	400	2540EE-	33.70
	5	240	400	2541EE-	33.70
	5	240	450	2542EE-	33.70
6	120	300	2543EE-	36.70	
6	120	400	2544EE-	36.70	
8	120	300	2545EE-	42.60	

Lead Price Adder			
Figure #	Description	1st Foot	Add'l Foot
A	Straight SS Armor Cable	13.70	5.60
D	Right Angle SS Armor Cable	14.40	5.60
F	Straight SS Braid	10.30	2.40
G	Right Angle SS Braid	14.40	2.40
R	Right Angle Fiberglass	9.20	2.00
X	Straight Fiberglass	Included	2.00
See previous pages for detailed descriptions of available leads.			
Ordering Example	From Base List - 1/4" OD x 5" Long 240v 350W =2539EE With 12" Fig. X Leads: 2539EE-X1 Or - Add 24" Fig. F Leads: 2539EE-F2 Or - Add 72" Fig. A Leads: 2539EE-A6		

# Nexthermal Cartridge Heaters

Base Stock List - See Bottom of Page for Lead Options

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>3/8"</b>	1	120	100	2546EE-	23.70
	1	120	150	2547EE-	23.70
	1	240	150	2548EE-	23.70
	1-1/4	120	80	2549EE-	23.70
	1-1/4	120	100	2550EE-	23.70
	1-1/4	120	200	2551EE-	23.70
	1-1/4	240	200	2552EE-	23.70
	1-3/8	120	150	2553EE-	23.70
	1-7/16	120	100	2554EE-	23.70
	1-1/2	120	30	2555EE-	23.70
	1-1/2	120	50	2556EE-	23.70
	1-1/2	120	60	2557EE-	23.70
	1-1/2	120	75	2558EE-	23.70
	1-1/2	120	85	2559EE-	23.70
	1-1/2	240	100	2560EE-	23.70
	1-1/2	120	150	2561EE-	23.70
	1-1/2	120	200	2562EE-	23.70
	1-1/2	120	250	2563EE-	23.70
	1-3/4	120	125	2564EE-	24.00
	1-3/4	240	150	2565EE-	24.00
1-3/4	120	175	2566EE-	24.00	
1-3/4	240	200	2567EE-	24.00	
1-3/4	120	250	2568EE-	24.00	

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>3/8"</b>	1-3/4	240	250	2569EE-	24.00
	2	120	75	2570EE-	24.00
	2	120	100	2571EE-	24.00
	2	240	100	2572EE-	24.00
	2	240	165	2573EE-	24.00
	2	120	200	2574EE-	24.00
	2	240	200	2575EE-	24.00
	2	120	240	2576EE-	24.00
	2	240	250	2577EE-	24.00
	2	120	300	2578EE-	24.00
	2	240	300	2579EE-	24.00
	2	120	400	2580EE-	24.00
	2	240	400	2581EE-	24.00
	2-1/4	120	75	2582EE-	24.60
	2-1/4	120	125	2583EE-	24.60
	2-1/4	240	125	2584EE-	24.60
	2-1/4	120	175	2585EE-	24.60
	2-1/4	120	250	2586EE-	24.60
	2-1/4	240	250	2587EE-	24.60
	2-3/8	120	75	2588EE-	24.60
2-3/8	120	165	2589EE-	24.60	
2-3/8	240	200	2590EE-	24.60	
2-3/8	240	250	2591EE-	24.60	

Lead Price Adder			
Figure #	Description	1st Foot	Add'l Foot
A	Straight SS Armor Cable	13.70	5.60
D	Right Angle SS Armor Cable	14.40	5.60
F	Straight SS Braid	10.30	2.40
G	Right Angle SS Braid	14.40	2.40
R	Right Angle Fiberglass	9.20	2.00
X	Straight Fiberglass	Included	2.00
See previous pages for detailed descriptions of available leads.			
Ordering Example	From Base List - 1/4" OD x 5" Long 240v 350W =2539EE With 12" Fig. X Leads: 2539EE-X1 Or - Add 24" Fig. F Leads: 2539EE-F2 Or - Add 72" Fig. A Leads: 2539EE-A6		

# Nexthermal Cartridge Heaters

Base Stock List - See Bottom of Previous Page for Lead Options

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
3/8"	2-3/8	120	300	2592EE-	24.60
	2-3/8	240	300	2593EE-	24.60
	2-3/8	120	400	2594EE-	24.60
	2-1/2	120	100	2595EE-	24.60
	2-1/2	240	100	2596EE-	24.60
	2-1/2	120	250	2597EE-	24.60
	2-1/2	240	250	2598EE-	24.60
	2-1/2	240	400	2599EE-	24.60
	2-1/2	120	500	2600EE-	24.60
	2-1/2	240	500	2601EE-	24.60
	2-3/4	120	200	2602EE-	26.30
	2-3/4	120	250	2603EE-	26.30
	2-3/4	240	275	2604EE-	26.30
	2-3/4	240	300	2605EE-	26.30
	2-3/4	240	500	2606EE-	26.30
	3	120	100	2607EE-	26.30
	3	240	100	2608EE-	26.30
	3	120	150	2609EE-	26.30
	3	240	150	2610EE-	26.30
	3	240	200	2611EE-	26.30
	3	240	225	2612EE-	26.30
	3	240	250	2613EE-	26.30
	3	120	300	2614EE-	26.30
	3	240	300	2615EE-	26.30
	3	120	400	2616EE-	26.30
	3	240	400	2617EE-	26.30
	3	120	375	2618EE-	26.30
	3	240	375	2619EE-	26.30
	3	240	450	2620EE-	26.30
	3	120	500	2621EE-	26.30
	3	240	500	2622EE-	26.30
	3	240	600	2623EE-	26.30
3-1/2	120	120	2624EE-	27.70	

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
3/8"	3-1/2	240	250	2625EE-	27.70
	3-1/2	120	300	2626EE-	27.70
	3-1/2	240	300	2627EE-	27.70
	3-1/2	120	350	2628EE-	27.70
	3-1/2	240	350	2629EE-	27.70
	3-1/2	240	400	2630EE-	27.70
	3-1/2	120	500	2631EE-	27.70
	3-1/2	240	500	2632EE-	27.70
	3-3/4	240	300	2633EE-	28.80
	3-3/4	240	400	2634EE-	28.80
	3-3/4	240	500	2635EE-	28.80
	4	120	125	2636EE-	28.80
	4	240	125	2637EE-	28.80
	4	120	150	2638EE-	28.80
	4	240	150	2639EE-	28.80
	4	120	250	2640EE-	28.80
	4	240	250	2641EE-	28.80
	4	120	300	2642EE-	28.80
	4	120	400	2643EE-	28.80
	4	240	450	2644EE-	28.80
	4	120	500	2645EE-	28.80
	4	240	500	2646EE-	28.80
	4	240	600	2647EE-	28.80
	4-1/4	240	400	2648EE-	30.10
	4-1/2	120	300	2649EE-	30.10
	4-1/2	240	300	2650EE-	30.10
	4-1/2	120	400	2651EE-	30.10
	4-1/2	240	400	2652EE-	30.10
	4-1/2	120	450	2653EE-	30.10
	4-1/2	120	500	2654EE-	30.10
	4-1/2	240	500	2655EE-	30.10
	4-3/4	120	300	2656EE-	30.10
4-3/4	240	300	2657EE-	30.10	

# Nexthermal Cartridge Heaters

Base Stock List - See Bottom of Next Page for Lead Options

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>3/8"</b>	4-3/4	240	500	2658EE-	32.20
	5	120	150	2659EE-	32.20
	5	240	150	2660EE-	32.20
	5	120	200	2661EE-	32.20
	5	120	300	2662EE-	32.20
	5	240	300	2663EE-	32.20
	5	240	400	2664EE-	32.20
	5	120	400	2665EE-	32.20
	5	120	500	2666EE-	32.20
	5	240	500	2667EE-	32.20
	5	240	750	2668EE-	32.20
	5	240	1000	2669EE-	32.20
	5-1/2	240	250	2670EE-	34.00
	5-1/2	240	300	2671EE-	34.00
	5-1/2	120	550	2672EE-	34.00
	5-1/2	240	550	2673EE-	34.00
	5-1/2	240	600	2674EE-	34.00
	5-3/4	240	400	2675EE-	36.10
	5-3/4	240	500	2676EE-	36.10
	5-3/4	120	600	2677EE-	36.10
	5-3/4	240	600	2678EE-	36.10
	6	120	225	2679EE-	36.10
	6	240	225	2680EE-	36.10
	6	120	400	2681EE-	36.10
	6	240	400	2682EE-	36.10
	6	120	500	2683EE-	36.10
	6	240	500	2684EE-	36.10
	6	120	600	2685EE-	36.10
	6	240	600	2686EE-	36.10
	6	240	750	2687EE-	36.10
	6-1/2	240	600	2688EE-	37.00
	6-1/2	240	1000	2689EE-	37.00

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>3/8"</b>	6-3/4	240	300	2690EE-	38.60
	7	120	350	2691EE-	38.60
	7	240	350	2692EE-	38.60
	7	120	400	2693EE-	38.60
	7	240	450	2694EE-	38.60
	7	240	500	2695EE-	38.60
	7	240	600	2696EE-	38.60
	7	120	600	2697EE-	38.60
	7	240	1000	2698EE-	38.60
	7-1/4	240	600	2699EE-	40.10
	7-1/2	240	300	2700EE-	40.10
	7-1/2	120	600	2701EE-	40.10
	7-1/2	240	600	2702EE-	40.10
	7-1/2	240	1000	2703EE-	40.10
	7-3/4	240	750	2704EE-	41.40
	8	120	300	2705EE-	41.40
	8	240	300	2706EE-	41.40
	8	120	500	2707EE-	41.40
	8	240	500	2708EE-	41.40
	8	240	600	2709EE-	41.40
	8	240	1000	2710EE-	41.40
	9	240	500	2711EE-	43.90
	9	240	1000	2712EE-	43.90
	9-1/2	240	600	2713EE-	45.10
	9-1/2	240	1000	2714EE-	45.10
	10	120	600	2715EE-	46.30
	10	240	600	2716EE-	46.30
	10	240	1000	2717EE-	46.30
	12	240	500	2718EE-	50.70
	12	240	600	2719EE-	50.70
	12	240	1000	2720EE-	50.70
	12-3/4	240	1000	2721EE-	52.70

# Nexthermal Cartridge Heaters

Base Stock List - See Bottom of Page for Lead Options

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>1/2"</b>	1-1/4	120	125	2722EE-	25.90
	1-1/4	240	125	2723EE-	25.90
	1-1/4	240	200	2724EE-	25.90
	1-1/2	120	150	2725EE-	25.90
	1-1/2	240	150	2726EE-	25.90
	1-1/2	120	200	2727EE-	25.90
	1-1/2	240	200	2728EE-	25.90
	1-1/2	240	250	2729EE-	25.90
	1-3/4	240	200	2730EE-	25.90
	1-3/4	240	300	2731EE-	25.90
	1-3/4	240	400	2732EE-	25.90
	2	240	130	2733EE-	25.90
	2	120	200	2734EE-	25.90
	2	240	200	2735EE-	25.90
	2	120	250	2736EE-	25.90
	2	240	250	2737EE-	25.90
	2	120	300	2738EE-	25.90
	2	240	300	2739EE-	25.90
	2	120	400	2740EE-	25.90
	2	240	400	2741EE-	25.90
2	120	500	2742EE-	25.90	
2-1/4	120	125	2743EE-	26.20	
2-1/4	120	250	2744EE-	26.20	

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>1/2"</b>	2-1/4	240	250	2745EE-	26.20
	2-1/4	120	400	2746EE-	26.20
	2-1/4	240	400	2747EE-	26.20
	2-3/8	240	100	2748EE-	26.20
	2-3/8	120	225	2749EE-	26.20
	2-3/8	120	400	2750EE-	26.20
	2-3/8	240	400	2751EE-	26.20
	2-3/8	120	475	2752EE-	26.20
	2-3/8	240	475	2753EE-	26.20
	2-1/2	120	100	2754EE-	26.20
	2-1/2	240	100	2755EE-	26.20
	2-1/2	120	120	2756EE-	26.20
	2-1/2	120	250	2757EE-	26.20
	2-1/2	240	250	2758EE-	26.20
	2-1/2	120	300	2759EE-	26.20
	2-1/2	240	300	2760EE-	26.20
	2-1/2	120	500	2761EE-	26.20
	2-1/2	240	500	2762EE-	26.20
	2-3/4	120	250	2763EE-	28.00
	2-3/4	120	400	2764EE-	28.00
2-3/4	240	400	2765EE-	28.00	
3	120	150	2766EE-	28.00	
3	240	150	2767EE-	28.00	

Lead Price Adder			
Figure #	Description	1st Foot	Add'l Foot
A	Straight SS Armor Cable	13.70	5.60
D	Right Angle SS Armor Cable	14.40	5.60
F	Straight SS Braid	10.30	2.40
G	Right Angle SS Braid	14.40	2.40
R	Right Angle Fiberglass	9.20	2.00
X	Straight Fiberglass	Included	2.00
See previous pages for detailed descriptions of available leads.			
Ordering Example	From Base List - 1/4" OD x 5" Long 240v 350W =2539EE With 12" Fig. X Leads: 2539EE-X1 Or - Add 24" Fig. F Leads: 2539EE-F2 Or - Add 72" Fig. A Leads: 2539EE-A6		

# Nexthermal Cartridge Heaters

Base Stock List - See Bottom of Page for Lead Options

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>1/2"</b>	3	120	200	2768EE-	28.00
	3	240	200	2769EE-	28.00
	3	120	250	2770EE-	28.00
	3	240	250	2771EE-	28.00
	3	120	300	2772EE-	28.00
	3	240	300	2773EE-	28.00
	3	120	400	2774EE-	28.00
	3	240	400	2775EE-	28.00
	3	120	500	2776EE-	28.00
	3	240	500	2777EE-	28.00
	3	120	600	2778EE-	28.00
	3	240	600	2779EE-	28.00
	3	120	750	2780EE-	28.00
	3	240	750	2781EE-	28.00
	3-1/2	120	250	2782EE-	29.60
	3-1/2	240	250	2783EE-	29.60
	3-1/2	240	350	2784EE-	29.60
	3-1/2	120	500	2785EE-	29.60
	3-1/2	240	500	2786EE-	29.60
	3-3/4	120	250	2787EE-	31.10
3-3/4	120	500	2788EE-	31.10	
3-3/4	240	500	2789EE-	31.10	
3-3/4	240	1000	2790EE-	31.10	

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>1/2"</b>	4	120	150	2791EE-	31.10
	4	240	150	2792EE-	31.10
	4	120	250	2793EE-	31.10
	4	240	250	2794EE-	31.10
	4	120	300	2795EE-	31.10
	4	240	300	2796EE-	31.10
	4	120	400	2797EE-	31.10
	4	240	400	2798EE-	31.10
	4	120	500	2799EE-	31.10
	4	240	500	2800EE-	31.10
	4	240	750	2801EE-	31.10
	4	240	1000	2802EE-	31.10
	4-1/2	240	300	2803EE-	32.70
	4-1/2	120	350	2804EE-	32.70
	4-1/2	240	500	2805EE-	32.70
	4-1/2	120	650	2806EE-	32.70
	4-1/2	240	750	2807EE-	32.70
	4-3/4	240	200	2808EE-	34.40
	4-3/4	240	300	2809EE-	34.40
	4-3/4	240	500	2810EE-	34.40
4-3/4	240	1000	2811EE-	34.40	
5	120	200	2812EE-	34.40	
5	240	200	2813EE-	34.40	

Lead Price Adder			
Figure #	Description	1st Foot	Add'l Foot
A	Straight SS Armor Cable	13.70	5.60
D	Right Angle SS Armor Cable	14.40	5.60
F	Straight SS Braid	10.30	2.40
G	Right Angle SS Braid	14.40	2.40
R	Right Angle Fiberglass	9.20	2.00
X	Straight Fiberglass	Included	2.00
See previous pages for detailed descriptions of available leads.			
Ordering Example	From Base List - 1/4" OD x 5" Long 240v 350W =2539EE With 12" Fig. X Leads: 2539EE-X1 Or - Add 24" Fig. F Leads: 2539EE-F2 Or - Add 72" Fig. A Leads: 2539EE-A6		

# Nexthermal Cartridge Heaters

Base Stock List - See Bottom of Previous Page for Lead Options

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
1/2"	5	240	300	2814EE-	34.40
	5	120	350	2815EE-	34.40
	5	240	350	2816EE-	34.40
	5	120	400	2817EE-	34.40
	5	240	400	2818EE-	34.40
	5	240	500	2819EE-	34.40
	5	240	750	2820EE-	34.40
	5	120	750	2821EE-	34.40
	5	240	800	2822EE-	34.40
	5	240	1000	2823EE-	34.40
	5-1/4	120	250	2824EE-	36.10
	5-1/2	120	500	2825EE-	36.10
	5-1/2	240	500	2826EE-	36.10
	5-1/2	240	700	2827EE-	36.10
	5-1/2	240	750	2828EE-	36.10
	5-3/4	240	350	2829EE-	38.10
	5-3/4	120	500	2830EE-	38.10
	5-3/4	240	500	2831EE-	38.10
	5-3/4	240	1000	2832EE-	38.10
	6	120	200	2833EE-	38.10
	6	120	300	2834EE-	38.10
	6	240	300	2835EE-	38.10
	6	240	350	2836EE-	38.10
	6	120	500	2837EE-	38.10
	6	240	500	2838EE-	38.10
	6	240	750	2839EE-	38.10
	6	120	850	2840EE-	38.10
	6	240	850	2841EE-	38.10
	6	120	1000	2842EE-	38.10
	6	240	1200	2843EE-	38.10
	6-1/2	240	500	2844EE-	40.00
	6-1/2	240	1000	2845EE-	40.00
6-3/4	120	500	2846EE-	41.30	

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
1/2"	6-3/4	240	500	2847EE-	41.30
	7	240	350	2848EE-	41.30
	7	120	500	2849EE-	41.30
	7	240	500	2850EE-	41.30
	7	240	600	2851EE-	41.30
	7	240	1000	2852EE-	41.30
	7-1/2	240	500	2853EE-	42.90
	7-1/2	120	500	2854EE-	42.90
	7-1/2	240	1000	2855EE-	42.90
	7-3/4	240	1000	2856EE-	45.10
	7-3/4	240	1200	2857EE-	45.10
	7-3/4	240	1500	2858EE-	45.10
	8	120	300	2859EE-	45.10
	8	240	300	2860EE-	45.10
	8	120	400	2861EE-	45.10
	8	240	400	2862EE-	45.10
	8	120	500	2863EE-	45.10
	8	240	500	2864EE-	45.10
	8	240	600	2865EE-	45.10
	8	240	800	2866EE-	45.10
	8	240	1000	2867EE-	45.10
	8	240	1500	2868EE-	45.10
	8	240	2000	2869EE-	45.10
	8-1/2	240	300	2870EE-	46.30
	8-1/2	240	500	2871EE-	46.30
	8-1/2	240	1000	2872EE-	46.30
	8-3/4	240	1000	2873EE-	47.80
	9	240	500	2874EE-	47.80
	9	240	1000	2875EE-	47.80
	9-1/2	240	500	2876EE-	48.90
	9-1/2	240	800	2877EE-	48.90
	9-1/2	240	1000	2878EE-	48.90
10	120	500	2879EE-	49.90	



# Nexthermal Cartridge Heaters

Base Stock List - See Bottom of Page for Lead Options

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>1/2"</b>	10	240	500	2880EE-	49.90
	10	240	600	2881EE-	49.90
	10	240	750	2882EE-	49.90
	10	240	1000	2883EE-	49.90
	10	120	1000	2884EE-	49.90
	10	240	1500	2885EE-	49.90
	10	240	2000	2886EE-	49.90
	11	240	1000	2887EE-	51.70
	11	240	1500	2888EE-	51.70
	12	240	500	2889EE-	54.20
	12	240	1000	2890EE-	54.20
	12	240	1500	2891EE-	54.20
	14	240	2300	2892EE-	59.80
	15	240	2000	2893EE-	62.60
	16	240	900	2894EE-	65.40
	18	240	1700	2895EE-	71.00
<b>5/8"</b>	1-1/2	120	250	2896EE-	25.90
	1-1/2	240	250	2897EE-	25.90
	2	120	100	2898EE-	26.90
	2	120	200	2899EE-	26.90
	2	240	200	2900EE-	26.90
	2	120	250	2901EE-	26.90
	2	240	250	2902EE-	26.90

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>5/8"</b>	2-3/8	120	280	2903EE-	28.50
	2-3/8	240	280	2904EE-	28.50
	2-3/8	120	350	2905EE-	28.50
	2-1/2	120	150	2906EE-	28.50
	2-1/2	120	180	2907EE-	28.50
	2-1/2	120	200	2908EE-	28.50
	2-1/2	120	275	2909EE-	28.50
	3	120	150	2910EE-	29.70
	3	120	250	2911EE-	29.70
	3	240	250	2912EE-	29.70
	3	120	500	2913EE-	29.70
	3	240	750	2914EE-	29.70
	3-1/2	120	525	2915EE-	30.70
	3-1/2	240	525	2916EE-	30.70
	3-3/4	120	240	2917EE-	32.70
	3-3/4	240	240	2918EE-	32.70
	3-3/4	120	525	2919EE-	32.70
	3-3/4	240	525	2920EE-	32.70
	3-3/4	240	750	2921EE-	32.70
	4	120	250	2922EE-	32.70
	4	240	250	2923EE-	32.70
	4	240	400	2924EE-	32.70
	4	240	500	2925EE-	32.70

Lead Price Adder			
Figure #	Description	1st Foot	Add'l Foot
A	Straight SS Armor Cable	13.70	5.60
D	Right Angle SS Armor Cable	14.40	5.60
F	Straight SS Braid	10.30	2.40
G	Right Angle SS Braid	14.40	2.40
R	Right Angle Fiberglass	9.20	2.00
X	Straight Fiberglass	Included	2.00
See previous pages for detailed descriptions of available leads.			
Ordering Example	From Base List - 1/4" OD x 5" Long 240v 350W =2539EE With 12" Fig. X Leads: 2539EE-X1 Or - Add 24" Fig. F Leads: 2539EE-F2 Or - Add 72" Fig. A Leads: 2539EE-A6		

# Nexthermal Cartridge Heaters

Base Stock List - See Bottom of Previous Page for Lead Options

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
5/8"	4	120	500	2926EE-	32.70
	4	240	525	2927EE-	32.70
	4	240	600	2928EE-	32.70
	4	240	750	2929EE-	32.70
	4	240	1000	2930EE-	32.70
	4-1/2	120	700	2931EE-	34.60
	4-1/2	240	700	2932EE-	34.60
	4-1/2	120	750	2933EE-	34.60
	4-1/2	240	750	2934EE-	34.60
	4-3/4	240	750	2935EE-	36.70
	5	240	250	2936EE-	36.70
	5	240	300	2937EE-	36.70
	5	240	500	2938EE-	36.70
	5	240	750	2939EE-	36.70
	5	120	750	2940EE-	36.70
	5	240	1000	2941EE-	36.70
	5-3/8	120	800	2942EE-	36.70
	5-3/8	240	800	2943EE-	38.00
	5-1/2	240	800	2944EE-	38.00
	5-3/4	240	500	2945EE-	38.00
	5-3/4	240	1000	2946EE-	39.90
	5-3/4	240	1500	2947EE-	39.90
	6	240	300	2948EE-	39.90
	6	240	375	2949EE-	39.90
	6	240	500	2950EE-	39.90
	6	240	600	2951EE-	39.90
	6	240	750	2952EE-	39.90
	6	240	1000	2953EE-	39.90
	6	120	1000	2954EE-	39.90
	6	240	1500	2955EE-	39.90
	6-1/2	240	350	2956EE-	41.20
	6-1/2	240	500	2957EE-	41.20
6-1/2	240	600	2958EE-	41.20	
6-1/2	240	900	2959EE-	41.20	

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
5/8"	6-3/4	240	500	2960EE-	43.30
	6-3/4	240	1000	2961EE-	43.30
	7	240	1500	2962EE-	43.30
	7-1/2	240	750	2963EE-	45.00
	7-3/4	240	500	2964EE-	46.70
	7-3/4	240	1000	2965EE-	46.70
	7-3/4	240	1500	2966EE-	46.70
	8	240	500	2967EE-	46.70
	8	240	1200	2968EE-	46.70
	8	240	1500	2969EE-	46.70
	9	240	550	2970EE-	49.80
	9	240	1700	2971EE-	49.80
	10	240	500	2972EE-	52.00
	10	240	600	2973EE-	52.00
	10	120	650	2974EE-	52.00
	10	240	750	2975EE-	52.00
	10	240	1000	2976EE-	52.00
	10	240	1500	2977EE-	52.00
	10	240	2000	2978EE-	52.00
	11	240	1500	2979EE-	54.70
	12	240	500	2980EE-	57.50
	12	240	775	2981EE-	57.50
	12	240	1000	2982EE-	57.50
	12	240	1500	2983EE-	57.50
	12	240	2000	2984EE-	57.50
	13	240	850	2985EE-	60.70
	14	240	900	2986EE-	63.70
	15	240	600	2987EE-	67.10
	15	240	750	2988EE-	67.10
	15	240	975	2989EE-	67.10
	15	240	2400	2990EE-	67.10
	16	240	1050	2991EE-	70.30
18	240	1500	2992EE-	76.70	
20	240	2500	2993EE-	83.10	

# Nexthermal Cartridge Heaters

Base Stock List - See Bottom of Page for Lead Options

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>3/4"</b>	3	240	500	2994EE-	35.50
	3	120	500	2995EE-	35.50
	4	240	300	2996EE-	40.90
	4	240	525	2997EE-	40.90
	4	240	1000	2998EE-	40.90
	5	240	500	2999EE-	45.30
	5	240	700	3000EE-	45.30
	5	240	1000	3001EE-	45.30
	6	240	350	3002EE-	48.70
	6	240	500	3003EE-	48.70
	6	240	750	3004EE-	48.70
	6	240	1000	3005EE-	48.70
	6	240	1100	3006EE-	48.70
	6	240	1500	3007EE-	48.70
	7	240	500	3008EE-	53.80
	7	240	1000	3009EE-	53.80
	7	120	1500	3010EE-	53.80
	7	240	1500	3011EE-	53.80
	8	240	350	3012EE-	57.70
	8	240	600	3013EE-	57.70
8	240	700	3014EE-	57.70	
8	240	1350	3015EE-	57.70	
8	240	2000	3016EE-	57.70	

Stock Cartridge Heaters					
Diameter	Length	Volts	Watts	Part # - Add Suffix Below	Price
<b>3/4"</b>	9	240	2000	3016EE-	62.20
	10	240	600	3017EE-	67.30
	10	240	800	3018EE-	67.30
	10	240	1200	3019EE-	67.30
	10	240	2000	3020EE-	67.30
	11-3/4	240	1000	3021EE-	75.30
	11-3/4	240	2000	3022EE-	75.30
	12	240	600	3023EE-	75.30
	12	240	800	3024EE-	75.30
	12	240	1500	3025EE-	75.30
	12	240	2000	3026EE-	75.30
	13	240	1000	3027EE-	79.90
	14	240	1100	3028EE-	84.60
	14	240	2500	3029EE-	84.60
	14-3/4	240	1500	3030EE-	88.10
	16	240	1000	3031EE-	93.90
	16	240	1250	3032EE-	93.90
	16	240	1800	3033EE-	93.90
	18	240	1450	3034EE-	103.20
	18	240	2000	3035EE-	103.20
20	240	2200	3036EE-	112.50	
24	240	1950	3037EE-	131.10	
24	240	2750	3038EE-	131.10	

Lead Price Adder			
Figure #	Description	1st Foot	Add'l Foot
A	Straight SS Armor Cable	13.70	5.60
D	Right Angle SS Armor Cable	14.40	5.60
F	Straight SS Braid	10.30	2.40
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