

Cartridge/Insertion Heaters

FIREROD Cartridge Heaters

Heater Code Numbers (Continued) 3/8" 9.525mm

Order Phone 86-21-51097967

Diameter in.	Sheath Length in. (mm)	Volts	Watts	Watt Density W/in ² (W/cm ²)	Approx. Net Wt. lbs (kg)	Delivery	Code Number
3/8	1 (25.0)	120	55	95 (15)	0.03 (0.014)	Stock	G1A71
	1 (25.0)	120	100	172 (26)	0.03 (0.014)	Stock	G1A29
	1 (25.0)	120	150	259 (40)	0.03 (0.014)	Stock	G1A38
	1 (25.0)	240	200	344 (53)	0.03 (0.014)	Stock	G1A83
1/4	1 1/4 (32.0)	120	100	115 (18)	0.03 (0.014)	Stock	G1E91
	1 1/4 (32.0)	120	125	144 (22)	0.03 (0.014)	Stock	G1E74
	1 1/4 (32.0)	120	150	172 (27)	0.03 (0.014)	Stock	G1E92
	1 1/4 (32.0)	240	150	172 (27)	0.03 (0.014)	Stock	G1E93
1/4	1 1/4 (32.0)	120	200	230 (35)	0.03 (0.014)	Stock	G1E94
	1 1/4 (32.0)	240	200	230 (36)	0.03 (0.014)	Stock	G1E95
	1 1/4 (32.0)	120	400	426 (66)	0.03 (0.014)	Stock	G1E99
1 5/16	1 5/16 (33.3)	120	100	104 (16)	0.03 (0.014)	Stock	G1F13
	1 5/16 (33.3)	240	100	104 (16)	0.03 (0.014)	Stock	G1F15
	1 5/16 (33.3)	120	150	160 (25)	0.03 (0.014)	Stock	G1F17
1 3/8	1 3/8 (34.9)	240	160	151 (23)	0.03 (0.014)	Stock	G1G23
1 7/16	1 7/16 (36.5)	120	100	94 (15)	0.03 (0.014)	Stock	G1H6
1/2	1 1/2 (38.0)	120	50	43 (7)	0.04 (0.018)	Stock	G1J25
	1 1/2 (38.0)	120	75	65 (10)	0.04 (0.018)	Stock	G1J70
	1 1/2 (38.0)	120	80	68 (11)	0.04 (0.018)	Stock	G1J66
	1 1/2 (38.0)	120	100	86 (13)	0.04 (0.018)	Stock	G1J59
	1 1/2 (38.0)	240	100	86 (13)	0.04 (0.018)	Stock	G1J110
	1 1/2 (38.0)	240	125	106 (16)	0.04 (0.018)	Stock	G1J182
	1 1/2 (38.0)	120	150	129 (20)	0.04 (0.018)	Stock	G1J31
	1 1/2 (38.0)	240	150	129 (20)	0.04 (0.018)	Stock	G1J39
	1 1/2 (38.0)	120	200	173 (27)	0.04 (0.018)	Stock	G1J85
	1 1/2 (38.0)	240	200	173 (27)	0.04 (0.018)	Stock	G1J73
1/2	1 1/2 (38.0)	120	250	216 (33)	0.04 (0.018)	Stock	G1J86
	1 1/2 (38.0)	240	250	216 (33)	0.04 (0.018)	Stock	G1J54
3/4	1 3/4 (45.0)	120	125	86 (13)	0.05 (0.023)	Stock	G1N45
	1 3/4 (45.0)	120	175	122 (19)	0.05 (0.023)	Stock	G1N46
	1 3/4 (45.0)	120	250	172 (27)	0.05 (0.023)	Stock	G1N43
	1 3/4 (45.0)	240	250	172 (27)	0.05 (0.023)	Stock	G1N32
1 13/16	1 13/16 (46.0)	240	150	98 (15)	0.05 (0.023)	Stock	G1P14
	1 13/16 (46.0)	120	200	129 (20)	0.05 (0.023)	Stock	G1P15
	1 13/16 (46.0)	240	250	161 (25)	0.05 (0.023)	Stock	G1P11
1 1/8	1 1/8 (47.6)	120	250	152 (24)	0.05 (0.023)	Stock	G1R14
2	2 (51.0)	120	50	29 (5)	0.06 (0.027)	Stock	G2A53
	2 (51.0)	120	75	42 (7)	0.06 (0.027)	Stock	G2A192
	2 (51.0)	120	100	57 (9)	0.06 (0.027)	Stock	G2A84
	2 (51.0)	240	100	57 (9)	0.06 (0.027)	Stock	G2A76
	2 (51.0)	120	150	86 (13)	0.06 (0.027)	Stock	G2A56
2	2 (51.0)	240	150	86 (13)	0.06 (0.027)	Stock	G2A81
	2 (51.0)	120	200	115 (18)	0.06 (0.027)	Stock	G2A127
	2 (51.0)	240	200	115 (18)	0.06 (0.027)	Stock	G2A37
	2 (51.0)	120	250	144 (22)	0.06 (0.027)	Stock	G2A47
	2 (51.0)	240	250	144 (22)	0.06 (0.027)	Stock	G2A73
	2 (51.0)	120	300	172 (27)	0.06 (0.027)	Stock	G2A139
	2 (51.0)	240	300	172 (27)	0.06 (0.027)	Stock	G2A98
	2 (51.0)	120	400	230 (36)	0.06 (0.027)	Stock	G2A153
2	2 (51.0)	240	400	230 (36)	0.06 (0.027)	Stock	G2A146
	2 (51.0)	120	500	282 (44)	0.06 (0.027)	Stock	G2A95

CONTINUED

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	in.	(mm)			W/in ²	(W/cm ²)	lbs	(kg)		
3/8	2	(51.0)	240	500	282	(44)	0.06	(0.027)	Stock	G2A97
	2 1/8	(54.0)	240	200	106	(16)	0.06	(0.027)	Stock	G2C13
1/4	2 1/4	(57.0)	120	75	37	(6)	0.07	(0.032)	Stock	G2E88
	2 1/4	(57.0)	120	125	62	(10)	0.07	(0.032)	Stock	G2E89
1/4	2 1/4	(57.0)	240	125	62	(10)	0.07	(0.032)	Stock	G2E138
	2 1/4	(57.0)	240	150	73	(11)	0.07	(0.032)	Stock	G2E68
1/4	2 1/4	(57.0)	120	175	86	(13)	0.07	(0.032)	Stock	G2E90
	2 1/4	(57.0)	120	250	123	(19)	0.07	(0.032)	Stock	G2E2
1/4	2 1/4	(57.0)	240	250	123	(19)	0.07	(0.032)	Stock	G2E78
	2 1/4	(57.0)	120	300	148	(23)	0.07	(0.032)	Stock	G2E108
1/4	2 1/4	(57.0)	240	300	148	(23)	0.07	(0.032)	Stock	G2E12
	2 1/4	(57.0)	120	350	173	(27)	0.07	(0.032)	Stock	G2E91
1/4	2 1/4	(57.0)	240	350	173	(27)	0.07	(0.032)	Stock	G2E75
	2 1/2	(64.0)	120	200	87	(13)	0.07	(0.032)	Stock	G2J110
1/2	2 1/2	(64.0)	240	200	87	(13)	0.07	(0.032)	Stock	G2J81
	2 1/2	(64.0)	120	250	108	(17)	0.07	(0.032)	Stock	G2J46
1/2	2 1/2	(64.0)	240	250	108	(17)	0.07	(0.032)	Stock	G2J80
	2 1/2	(64.0)	120	300	130	(20)	0.07	(0.032)	Stock	G2J118
1/2	2 1/2	(64.0)	240	300	130	(20)	0.07	(0.032)	Stock	G2J119
	2 1/2	(64.0)	120	400	174	(27)	0.07	(0.032)	Stock	G2J26
1/2	2 1/2	(64.0)	240	400	174	(27)	0.07	(0.032)	Stock	G2J146
	2 1/2	(64.0)	120	500	216	(33)	0.07	(0.032)	Stock	G2J109
1/2	2 1/2	(64.0)	240	500	216	(33)	0.07	(0.032)	Stock	G2J52
	2 13/16	(71.4)	120	60	22	(3)	0.08	(0.036)	Stock	G2P9
3/8	2 13/16	(71.4)	120	250	92	(14)	0.08	(0.036)	Stock	G2P3
	2 13/16	(71.4)	240	300	110	(17)	0.08	(0.036)	Stock	G2P5
3/8	3	(76.0)	120	100	34	(5)	0.08	(0.036)	Stock	G3A55
	3	(76.0)	240	100	34	(5)	0.08	(0.036)	Stock	G3A137
3/8	3	(76.0)	120	150	52	(8)	0.08	(0.036)	Stock	G3A121
	3	(76.0)	120	200	69	(11)	0.08	(0.036)	Stock	G3A61
3/8	3	(76.0)	240	200	69	(11)	0.08	(0.036)	Stock	G3A39
	3	(76.0)	120	250	86	(13)	0.08	(0.036)	Stock	G3A52
3/8	3	(76.0)	240	250	86	(13)	0.08	(0.036)	Stock	G3A54
	3	(76.0)	120	300	104	(16)	0.08	(0.036)	Stock	G3A73
3/8	3	(76.0)	240	300	104	(16)	0.08	(0.036)	Stock	G3A92
	3	(76.0)	120	400	138	(21)	0.08	(0.036)	Stock	G3A44
3/8	3	(76.0)	240	400	138	(21)	0.08	(0.036)	Stock	G3A65
	3	(76.0)	120	500	173	(27)	0.08	(0.036)	Stock	G3A119
3/8	3	(76.0)	240	500	173	(27)	0.08	(0.036)	Stock	G3A120
	3	(76.0)	240	600	208	(32)	0.08	(0.036)	Stock	G3A133
3/8	3 5/16	(84.2)	120	500	152	(24)	0.08	(0.036)	Stock	G3F24
	3 1/2	(89.0)	120	250	72	(11)	0.09	(0.041)	Stock	G3J77
3/8	3 1/2	(89.0)	240	250	72	(11)	0.09	(0.041)	Stock	G3J65
	3 1/2	(89.0)	120	300	87	(13)	0.09	(0.041)	Stock	G3J87
3/8	3 1/2	(89.0)	240	300	87	(13)	0.09	(0.041)	Stock	G3J68
	3 1/2	(89.0)	120	500	144	(22)	0.09	(0.041)	Stock	G3J22
3/8	3 1/2	(89.0)	240	500	144	(22)	0.09	(0.041)	Stock	G3J63
	3 13/16	(96.8)	120	150	38	(6)	0.09	(0.041)	Stock	G3P8
3/8	3 13/16	(96.8)	240	500	128	(20)	0.09	(0.041)	Stock	G3P3

CONTINUED

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	in.	(mm)			W/in ²	(W/cm ²)	lbs	(kg)		
3/8	4	(102.0)	120	125	31	(5)	0.09	(0.041)	Stock	G4A54
	4	(102.0)	240	125	31	(5)	0.09	(0.041)	Stock	G4A163
	4	(102.0)	120	150	37	(6)	0.09	(0.041)	Stock	G4A78
	4	(102.0)	120	175	43	(7)	0.09	(0.041)	Stock	G4A191
	4	(102.0)	120	250	62	(10)	0.09	(0.041)	Stock	G4A40
	4	(102.0)	240	250	62	(10)	0.09	(0.041)	Stock	G4A87
	4	(102.0)	120	300	74	(11)	0.09	(0.041)	Stock	G4A94
	4	(102.0)	240	300	74	(11)	0.09	(0.041)	Stock	G4A95
	4	(102.0)	120	400	99	(15)	0.09	(0.041)	Stock	G4A48
	4	(102.0)	240	400	99	(15)	0.09	(0.041)	Stock	G4A44
	4	(102.0)	240	450	109	(17)	0.09	(0.041)	Stock	G4A64
	4	(102.0)	120	500	123	(19)	0.09	(0.041)	Stock	G4A96
	4	(102.0)	240	500	123	(19)	0.09	(0.041)	Stock	G4A92
	4	(102.0)	120	550	134	(21)	0.09	(0.041)	Stock	G4A200
	4 1/4	(108.0)	240	300	67	(10)	0.09	(0.041)	Stock	G4E25
	4 1/4	(108.0)	240	750	167	(26)	0.09	(0.041)	Stock	G4E15
4 1/2	(114.0)	120	300	65	(10)	0.10	(0.045)	Stock	G4J54	
4 1/2	(114.0)	240	300	65	(10)	0.10	(0.045)	Stock	G4J33	
4 1/2	(114.0)	120	500	108	(17)	0.10	(0.045)	Stock	G4J55	
4 1/2	(114.0)	240	500	108	(17)	0.10	(0.045)	Stock	G4J37	
4 13/16	(122.2)	240	300	59	(9)	0.11	(0.050)	Stock	G4P11	
4 13/16	(122.2)	240	500	98	(15)	0.11	(0.050)	Stock	G4P3	
5	(127.0)	120	150	29	(4)	0.11	(0.050)	Stock	G5A68	
5	(127.0)	240	150	29	(4)	0.11	(0.050)	Stock	G5A56	
5	(127.0)	120	300	58	(9)	0.11	(0.050)	Stock	G5A69	
5	(127.0)	240	300	58	(9)	0.11	(0.050)	Stock	G5A70	
5	(127.0)	120	500	96	(15)	0.11	(0.050)	Stock	G5A38	
5	(127.0)	240	500	96	(15)	0.11	(0.050)	Stock	G5A71	
5	(127.0)	240	750	144	(22)	0.11	(0.050)	Stock	G5A67	
5	(127.0)	240	1000	192	(30)	0.11	(0.050)	Stock	G5A115	
5 1/4	(133.0)	240	200	45	(7)	0.12	(0.054)	Stock	G5E16	
5 1/2	(140.0)	240	600	104	(16)	0.12	(0.054)	Stock	G5J36	
5 1/2	(140.0)	240	1000	173	(27)	0.12	(0.054)	Stock	G5J45	
6	(152.0)	120	200	31	(5)	0.13	(0.059)	Stock	G6A80	
6	(152.0)	120	250	39	(6)	0.13	(0.059)	Stock	G6A40	
6	(152.0)	240	250	39	(6)	0.13	(0.059)	Stock	G6A92	
6	(152.0)	120	400	63	(10)	0.13	(0.059)	Stock	G6A81	
6	(152.0)	240	400	63	(10)	0.13	(0.059)	Stock	G6A82	
6	(152.0)	120	500	79	(12)	0.13	(0.059)	Stock	G6A125	
6	(152.0)	240	500	79	(12)	0.13	(0.059)	Stock	G6A59	
6	(152.0)	120	600	94	(15)	0.13	(0.059)	Stock	G6A56	
6	(152.0)	240	600	94	(15)	0.13	(0.059)	Stock	G6A51	
6	(152.0)	240	750	117	(18)	0.13	(0.059)	Stock	G6A46	
6	(152.0)	240	1000	157	(24)	0.13	(0.059)	Stock	G6A83	
6 1/2	(165.0)	240	600	86	(13)	0.14	(0.064)	Stock	G6J23	
6 1/2	(165.0)	240	1000	144	(22)	0.14	(0.064)	Stock	G6J33	
7	(178.0)	120	250	33	(5)	0.14	(0.064)	Stock	G7A40	
7	(178.0)	240	250	33	(5)	0.14	(0.064)	Stock	G7A32	
7	(178.0)	240	500	65	(10)	0.14	(0.064)	Stock	G7A30	
7	(178.0)	120	600	80	(12)	0.14	(0.064)	Stock	G7A41	

CONTINUED

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¾	7 (178.0)	240	600	80 (12)	0.14 (0.064)	Stock	G7A42
	7 (178.0)	240	1000	133 (21)	0.14 (0.064)	Stock	G7A43
7½	(191.0)	240	600	74 (11)	0.15 (0.068)	Stock	G7J27
	(191.0)	240	1000	124 (19)	0.15 (0.068)	Stock	G7J28
7 ¹³ / ₁₆	(198.5)	240	750	87 (13)	0.15 (0.068)	Stock	G7P5
8	(203.0)	120	300	34 (5)	0.16 (0.073)	Stock	G8A54
	(203.0)	240	300	34 (5)	0.16 (0.073)	Stock	G8A47
8	(203.0)	120	400	45 (7)	0.16 (0.073)	Stock	G8A109
8	(203.0)	120	500	58 (9)	0.16 (0.073)	Stock	G8A81
8	(203.0)	240	500	58 (9)	0.16 (0.073)	Stock	G8A32
8	(203.0)	120	600	69 (11)	0.16 (0.073)	Stock	G8A53
8	(203.0)	240	600	69 (11)	0.16 (0.073)	Stock	G8A37
8	(203.0)	240	700	79 (12)	0.16 (0.073)	Stock	G8A98
8	(203.0)	240	1000	115 (18)	0.16 (0.073)	Stock	G8A45
8 ⁵ / ₈	(219.0)	240	500	52 (8)	0.17 (0.077)	Stock	G8L3
9	(229.0)	240	1000	100 (16)	0.18 (0.082)	Stock	G9A37
9½	(241.0)	240	600	57 (9)	0.19 (0.086)	Stock	G9J20
9½	(241.0)	240	1000	96 (15)	0.19 (0.086)	Stock	G9J12
10	(254.0)	120	400	36 (6)	0.19 (0.086)	Stock	G10A48
	(254.0)	120	600	54 (8)	0.19 (0.086)	Stock	G10A35
10	(254.0)	240	600	54 (8)	0.19 (0.086)	Stock	G10A31
10	(254.0)	240	1000	91 (14)	0.19 (0.086)	Stock	G10A32
10 ¹³ / ₁₆	(274.7)	240	375	31 (5)	0.20 (0.091)	Stock	G10P5
12	(305.0)	120	400	30 (5)	0.22 (0.100)	Stock	G12A45
	(305.0)	120	600	45 (7)	0.22 (0.100)	Stock	G12A29
12	(305.0)	240	600	45 (7)	0.22 (0.100)	Stock	G12A46
12	(305.0)	240	1000	75 (12)	0.22 (0.100)	Stock	G12A47
12 ¹³ / ₁₆	(325.5)	240	1000	69 (11)	0.23 (0.104)	Stock	G12P3

CONTINUED

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