

Standard (Non-Stock) Circulation Heaters

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8 watts/in² (1.3 watts/cm²) — Typical Applications: Fuel Oils (Bunker C and Number 6)

- * Steel Screw Plug and Steel 150-lb Flanged Heater Sizes
- * Steel Tank

- * Steel Sheath Heating Elements
- * NEMA 1 Terminal Housing

NOTE: 3-Phase only. Cannot be rewired for single phase.

Nominal Pipe Size	Dimensional Drawing Number	KW	Part Number					Approximate Net Weight	
			120V	240V-1Ph (C*)	240V-3Ph (C*)	480V-1Ph (C*)	480V-3Ph (C*)	lbs	kgs
4" — 150lb 6 elements	4.3	5	—	—	CHF01108 (1)	—	CHF01109 (1)	117	53
	4.3	6	—	—	CHF01110 (1)	—	CHF01111 (1)	120	54
	4.4	8	—	—	CHF01112 (1)	—	CHF01113 (1)	147	67
	4.4	10	—	—	CHF01114 (1)	—	CHF01115 (1)	151	68
5" — 150lb 6 elements	5.2	5	—	—	CHF01116 (1)	—	CHF01117 (1)	128	58
	5.3	6	—	—	CHF01118 (1)	—	CHF01119 (1)	146	66
	5.4	8	—	—	CHF01120 (1)	—	CHF01121 (1)	172	78
	5.5	10	—	—	CHF01122 (1)	—	CHF01123 (1)	192	87
5" — 150lb 9 elements	5.2	7.5	—	—	CHF01124 (1)	—	CHF01125 (1)	135	61
	5.3	9	—	—	CHF01126 (1)	—	CHF01127 (1)	154	70
	5.4	12	—	—	CHF01128 (1)	—	CHF01129 (1)	183	83
	5.5	15	—	—	CHF01130 (1)	—	CHF01131 (1)	205	93
6" — 150lb 12 elements	6.2	8	—	—	CHF01132 (1)	—	CHF01133 (1)	157	71
	6.3	10	—	—	CHF01134 (1)	—	CHF01135 (1)	197	80
	6.3	12	—	—	CHF01136 (1)	—	CHF01137 (1)	202	92
	6.4	16.5	—	—	CHF01138 (1)	—	CHF01139 (1)	249	113
	6.4	20	—	—	CHF01140 (1)	—	CHF01141 (1)	257	117
6" — 150lb 15 elements	6.2	10	—	—	CHF01142 (1)	—	CHF01143 (1)	163	74
	6.3	12.5	—	—	CHF01144 (1)	—	CHF01145 (1)	204	93
	6.3	15	—	—	CHF01146 (1)	—	CHF01147 (1)	211	96
	6.4	21	—	—	CHF01148 (5)	—	CHF01149 (1)	260	118
	6.4	25	—	—	CHF01150 (5)	—	CHF01151 (1)	273	124
8" — 150lb 18 elements	8.3	12.5	—	—	CHF01152 (1)	—	CHF01153 (1)	272	123
	8.4	16.5	—	—	CHF01154 (1)	—	CHF01155 (1)	300	136
	8.5	20	—	—	CHF01156 (1)	—	CHF01157 (1)	334	151
	8.6	24	—	—	CHF01158 (2)	—	CHF01159 (1)	367	166
	8.7	27	—	—	CHF01160 (2)	—	CHF01161 (1)	402	182
8" — 150lb 24 elements	8.3	17	—	—	CHF01162 (1)	—	CHF01163 (1)	287	130
	8.4	22	—	—	CHF01164 (2)	—	CHF01165 (1)	318	144
	8.5	27	—	—	CHF01166 (2)	—	CHF01167 (1)	356	161
	8.6	32	—	—	CHF01168 (2)	—	CHF01169 (1)	386	175
	8.7	36	—	—	CHF01170 (2)	—	CHF01171 (1)	428	194
10" — 150lb 27 elements	10.3	30	—	—	CHF01172 (3)	—	CHF01173 (1)	537	244
	10.4	35	—	—	CHF01174 (3)	—	CHF01175 (1)	580	263
	10.5	40	—	—	CHF01176 (3)	—	CHF01177 (1)	623	283
12" — 150lb 36 elements	12.4	47	—	—	CHF01178 (3)	—	CHF01179 (2)	751	341
	12.5	54	—	—	CHF01180 (3)	—	CHF01181 (2)	793	360
14" — 150lb 45 elements	14.4	60	—	—	CHF01182 (3)	—	CHF01183 (3)	885	401
	14.5	67	—	—	CHF01184 (5)	—	CHF01185 (3)	941	427

(C*) = Number of Branch Circuits per heater

NOTE: Nominal Pipe Size 8" and larger are 7 watts/in² (1.1 watts/cm²)

