

## Circulation Heaters

### Standard (Non-Stock) Circulation Heaters

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#### 23 watts/in<sup>2</sup> (3.6 watts/cm<sup>2</sup>) — Typical Applications: Lightweight Oils • Degreasing Solutions • Heat Transfer Oils

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

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

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
10" - 150lb 27 elements	10.3	90	—	—	—	—	CHF01384 (3)	537	244
	10.4	105	—	—	—	—	CHF01385 (3)	580	263
	10.5	120	—	—	—	—	CHF01386 (3)	623	283
12" - 150lb 36 elements	12.4	140	—	—	—	—	CHF01387 (4)	751	341
	12.5	160	—	—	—	—	CHF01388 (4)	793	360
14" - 150lb 45 elements	14.3	150	—	—	—	—	CHF01389 (5)	824	374
	14.4	175	—	—	—	—	CHF01390 (5)	885	401
	14.5	200	—	—	—	—	CHF01391 (5)	941	427

(C\*) = Number of Branch Circuits per heater

**NOTE:** Nominal Pipe Size 8" and larger are 20 watts/in<sup>2</sup> (3.1 watts/cm<sup>2</sup>)

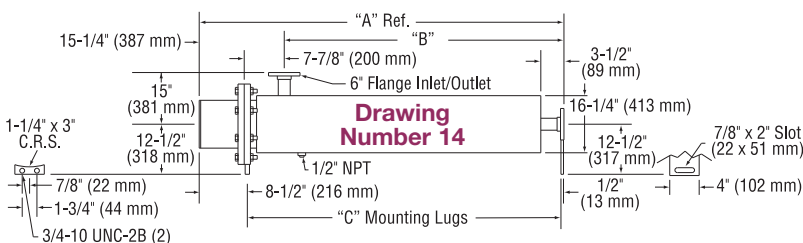
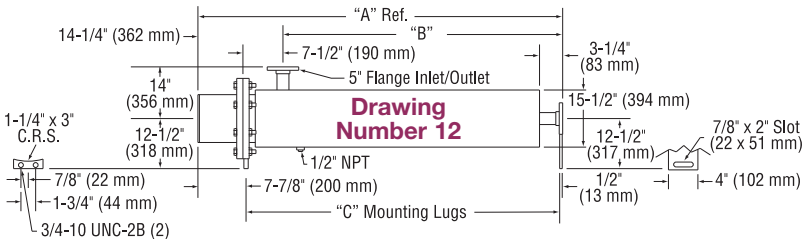
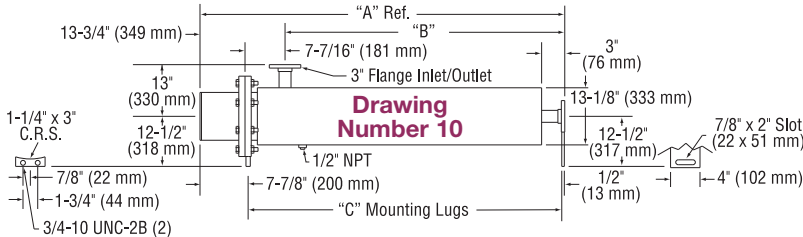


**Note:** Circulation heater mounting lug design and location in the assembly drawings shown are standard. Designs can be modified to fit customer installation.

Consult Tempco with your requirements.

### Dimensional Drawing Number

Drawing Number	"A"		"B"		"C"	
	in	mm	in	mm	in	mm
10.3	89	2261	75-1/4	1911	81	2057
10.4	96-1/2	2451	82-3/4	2102	88-1/2	2248
10.5	104	2642	90-1/4	2292	96	2438
12.4	96-3/4	2457	82-1/2	2096	88-5/8	2251
12.5	104-1/4	2648	90	2286	96-1/8	2442
14.3	89-5/8	2276	74-3/8	1889	81-1/4	2064
14.4	97-1/8	2467	81-7/8	2080	88-3/4	2254
14.5	104-5/8	2657	89-3/8	2270	96-1/4	2445



### Ordering Information

See Page 11-69 for complete Ordering Information.