

Circulation Heaters

Standard (Non-Stock) Circulation Heaters

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23 watts/in² (3.6 watts/cm²) — 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 lbs kgs
			120V	240V-1Ph (C*)	240V-3Ph (C*)	480V-1Ph (C*)	
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/in² (3.1 watts/cm²)

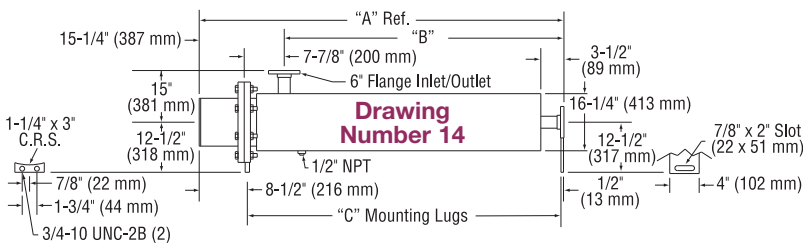
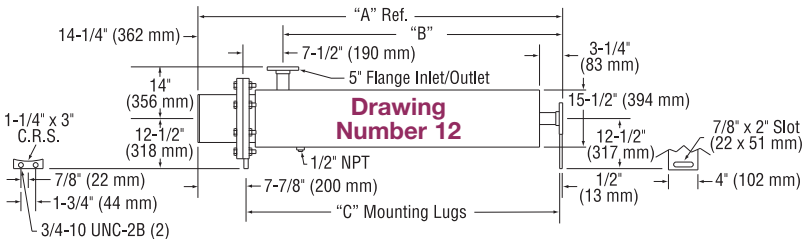
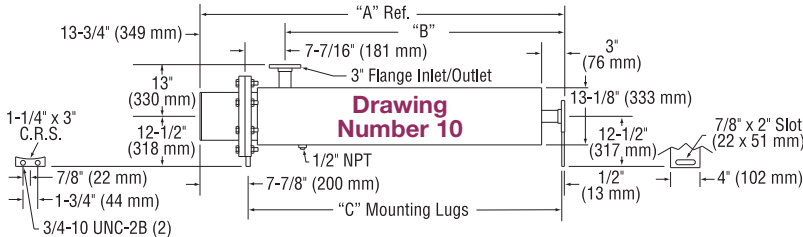


Note: Circulation heater mounting lug design and location in the assembly drawings shown are standard. Designs can be modified to fit customer installation.

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.