



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE	DIMENSIONS								NOZZLE SCHEDULE		
	"A"		"B"		"C"		"D"		N1	NOZZLE SCHEDULE	
	inches	mm	inches	mm	inches	mm	inches	mm			
THW-1436-4-1	41 -5/8	1057	35-3/4	908	38	965	24-1/2	622	N1	INLET	4" NPT (102)
THW-1442-4-1	47 -5/8	1210	41-3/4	1060	44	1118	30-1/2	775	N2	OUTLET	4" NPT (102)
THW-1448-4-1	53 -5/8	1362	47-3/4	1213	50	1270	36-1/2	927	N3	DRAIN	1/2" NPT (13)
THW-1454-4-1	59 -5/8	1514	53-3/4	1365	56	1422	42-1/2	1080	COLLAR ASSEMBLY		
THW-1460-4-1	65 -5/8	1667	59-3/4	1518	62	1575	48-1/2	1232		STANDARD	OVS. FOR STONE LINING
THW-1466-4-1	71 -5/8	1819	65-3/4	1670	68	1727	54-1/2	1384	"E"	14" (356)	16" (406)
THW-1472-4-1	77 -5/8	1972	71-3/4	1822	74	1880	60-1/2	1537	"F"	10-1/2" (267)	12" (305)
THW-1478-4-1	83 -5/8	2124	77-3/4	1975	80	2032	66-1/2	1689	DESIGN CONDITIONS		
THW-1484-4-1	89 -5/8	2276	83-3/4	2127	86	2184	72-1/2	1842	TUBES		
THW-1490-4-1	95 -5/8	2429	89-3/4	2280	92	2337	78-1/2	1994	DESIGN PRESSURE	125 PSIG	862 KPa
THW-1496-4-1	101 -5/8	2581	95-3/4	2432	98	2489	84-1/2	2146	DESIGN TEMPERATURE	375 F	191 C
THW-14102-4-1	107 -5/8	2734	101-3/4	2584	104	2642	90-1/2	2299	M.D.M.T.	40 F	4.4 C
THW-14108-4-1	113 -5/8	2886	107-3/4	2737	110	2794	96-1/2	2451	HYD. TEST PRESSURE	250 PSIG	1723 KPa
THW-14114-4-1	119 -5/8	3038	113-3/4	2889	116	2946	102-1/2	2604	NOTES:		
THW-14120-4-1	125 -5/8	3191	119-3/4	3042	122	3099	108-1/2	2756	1. COLLAR ASSEMBLY SUPPLIED SEPARATELY.		
THW-14126-4-1	131 -5/8	3343	125-3/4	3194	128	3251	114-1/2	2908	2. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.		
THW-14132-4-1	137 -5/8	3496	131-3/4	3346	134	3404	120-1/2	3061	3. DRAWING IS NOT TO SCALE.		
THW-14138-4-1	143 -5/8	3648	137-3/4	3499	140	3556	126-1/2	3213	4. ALL DIM'S 1/8 (3) UNLESS OTHERWISE SHOWN.		
THW-14144-4-1	149 -5/8	3800	143-3/4	3651	146	3708	132-1/2	3366	5. DIMENSIONS SHOWN AS: in.(mm)		
THW-14150-4-1	155 -5/8	3953	149-3/4	3804	152	3861	138-1/2	3518	CUSTOMER:		
THW-14156-4-1	161 -5/8	4105	155-3/4	3956	158	4013	144-1/2	3670	LOCATION:		
THW-14162-4-1	167 -5/8	4258	161-3/4	4108	164	4166	150-1/2	3823	ENGINEER :		
									ORDER No.:		
									PROJECT/JOB:		
									LOCATION:		
									TAG:		
									QUOTE #		

TITLE	G.A. 150 LB. TANK HEATERS				ARMSTRONG				NUMBER	Thw-14-4P-1	REV.
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