



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE	DIMENSIONS								NOZZLE SCHEDULE		
	"A"		"B"		"C"		"D"		N1		
	inches	mm	inches	mm	inches	mm	inches	mm	INLET	4" NPT	(102)
THW-1636-4-1	41 -7/8	1064	35-1/2	902	38	965	24-1/2	622	N2	OUTLET	4" NPT (102)
THW-1642-4-1	47 -7/8	1216	41-1/2	1054	44	1118	30-1/2	775	N3	DRAIN	1/2" NPT (13)
THW-1648-4-1	53 -7/8	1368	47-1/2	1207	50	1270	36-1/2	927	COLLAR ASSEMBLY		
THW-1654-4-1	59 -7/8	1521	53-1/2	1359	56	1422	42-1/2	1080		STANDARD	OVS. FOR STONE LINING
THW-1660-4-1	65 -7/8	1673	59-1/2	1511	62	1575	48-1/2	1232	"E"	16 (406)	18 (457)
THW-1666-4-1	71 -7/8	1826	65-1/2	1664	68	1727	54-1/2	1384	"F"	12 (305)	12 1/2 (318)
THW-1672-4-1	77 -7/8	1978	71-1/2	1816	74	1880	60-1/2	1537	DESIGN CONDITIONS		
THW-1678-4-1	83 -7/8	2130	77-1/2	1969	80	2032	66-1/2	1689		TUBES	
THW-1684-4-1	89 -7/8	2283	83-1/2	2121	86	2184	72-1/2	1842	DESIGN PRESSURE	125 PSIG	862 KPa
THW-1690-4-1	95 -7/8	2435	89-1/2	2273	92	2337	78-1/2	1994	DESIGN TEMPERATURE	375 F	191 C
THW-1696-4-1	101 -7/8	2588	95-1/2	2426	98	2489	84-1/2	2146	M.D.M.T.	40 F	4.4 C
THW-16102-4-1	107 -7/8	2740	101-1/2	2578	104	2642	90-1/2	2299	HYD. TEST PRESSURE	250 PSIG	1723 KPa
THW-16108-4-1	113 -7/8	2892	107-1/2	2731	110	2794	96-1/2	2451	NOTES:		
THW-16114-4-1	119 -7/8	3045	113-1/2	2883	116	2946	102-1/2	2604	1. COLLAR ASSEMBLY SUPPLIED SEPARATELY.		
THW-16120-4-1	125 -7/8	3197	119-1/2	3035	122	3099	108-1/2	2756	2. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.		
THW-16126-4-1	131 -7/8	3350	125-1/2	3188	128	3251	114-1/2	2908	3. DRAWING IS NOT TO SCALE.		
THW-16132-4-1	137 -7/8	3502	131-1/2	3340	134	3404	120-1/2	3061	4. ALL DIM'S 1/8 (3) UNLESS OTHERWISE SHOWN.		
THW-16138-4-1	143 -7/8	3654	137-1/2	3493	140	3556	126-1/2	3213	5. DIMENSIONS SHOWN AS: in.(mm)		
THW-16144-4-1	149 -7/8	3807	143-1/2	3645	146	3708	132-1/2	3366	CUSTOMER:		
THW-16150-4-1	155 -7/8	3959	149-1/2	3797	152	3861	138-1/2	3518	LOCATION:		
THW-16156-4-1	161 -7/8	4112	155-1/2	3950	158	4013	144-1/2	3670	ENGINEER :		
THW-16162-4-1	167 -7/8	4264	161-1/2	4102	164	4166	150-1/2	3823	ORDER No.:		
									PROJECT/JOB:		
									LOCATION:		
									TAG:		
									QUOTE #		

TITLE G.A. 150 LB. TANK HEATERS

ARMSTRONG

NUMBER

REV.

DATE : 24/05/95

BY : D.C.R

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Thw-16-4P-1