



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE	DIMENSIONS								NOZZLE SCHEDULE		
	"A"		"B"		"C"		"D"		(N1) INLET	1" NPT	(25)
	inches	mm	inches	mm	inches	mm	inches	mm	(N2) OUTLET	1" NPT	(25)
THWX-412-4-3	14-7/8	378	12	305	14	356	-	-	(N3) DRAIN	1/2" NPT	(13)
THWX-418-4-3	20-7/8	530	18	457	20	508	-	-	COLLAR ASSEMBLY		
THWX-424-4-3	26-7/8	683	24	610	26	660	12-1/8	308	STANDARD	OVS. FOR STONE LINING	
THWX-430-4-3	32-7/8	835	30	762	32	813	18-1/8	460	"E"	4 1/2" (114)	6 5/8" (168)
THWX-436-4-3	38-7/8	987	36	915	38	965	24-1/8	613	"F"	6" (152)	6 1/2" (165)
THWX-442-4-3	44-7/8	1140	42	1067	44	1118	30-1/8	765	DESIGN CONDITIONS		
THWX-448-4-3	50-7/8	1292	48	1219	50	1270	36-1/8	918	TUBES		
THWX-454-4-3	56-7/8	1445	54	1372	56	1422	42-1/8	1070	DESIGN PRESSURE	150 PSIG	1034 kPa
THWX-460-4-3	62-7/8	1597	60	1524	62	1575	48-1/8	1222	DESIGN TEMPERATURE	375 °F	191 °C
THWX-466-4-3	68-7/8	1749	66	1677	68	1727	54-1/8	1375	M.D.M.T.	35 °F	1.7 °C
THWX-472-4-3	74-7/8	1902	72	1829	74	1880	60-1/8	1527	HYD. TEST PRESSURE	225 PSIG	1551 kPa
THWX-478-4-3	80-7/8	2054	78	1981	80	2032	66-1/8	1680	NOTES:		
THWX-484-4-3	86-7/8	2207	84	2134	86	2184	72-1/8	1832	1. COLLAR ASSEMBLY SUPPLIED SEPARATELY.		
THWX-490-4-3	92-7/8	2359	90	2286	92	2337	78-1/8	1984	2. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.		
THWX-496-4-3	98-7/8	2511	96	2439	98	2489	84-1/8	2137	3. DRAWING IS NOT TO SCALE.		
THWX-4102-4-3	104-7/8	2664	102	2591	104	2642	90-1/8	2289	4. ALL DIM'S ±1/8 (3) UNLESS OTHERWISE SHOWN.		
THWX-4108-4-3	110-7/8	2816	108	2743	110	2794	96-1/8	2442	5. DIMENSIONS SHOWN AS: in.(mm)		
THWX-4114-4-3	116-7/8	2969	114	2896	116	2946	102-1/8	2594	CUSTOMER: LOCATION: ENGINEER : ORDER No.: PROJECT/JOB: LOCATION: TAG: QUOTE #		
THWX-4120-4-3	122-7/8	3121	120	3048	122	3099	108-1/8	2746			
THWX-4126-4-3	128-7/8	3273	126	3201	128	3251	114-1/8	2899			
THWX-4132-4-3	134-7/8	3426	132	3353	134	3404	120-1/8	3051			
THWX-4138-4-3	140-7/8	3578	138	3505	140	3556	126-1/8	3204			

TITLE G.A. 150 LB. TANK HEATERS

A R M S T R O N G

NUMBER

REV.

DATE : 24/05/95

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THWX-4-4P-3