



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE	DIMENSIONS								NOZZLE SCHEDULE		
	"A"		"B"		"C"		"D"		(N1) INLET	1" FLG (25)	
	inches	mm	inches	mm	inches	mm	inches	mm	(N2) OUTLET	1" FLG (25)	
THWX-412-4-4	20-3/4	527	12	305	14	356	-	-	(N3) DRAIN	1/2" NPT (13)	
THWX-418-4-4	26-3/4	679	18	457	20	508	-	-	COLLAR ASSEMBLY		
THWX-424-4-4	32-3/4	832	24	610	26	660	12-1/8	308	STANDARD OVS. FOR STONE LINING		
THWX-430-4-4	38-3/4	984	30	762	32	813	18-1/8	460	"E"	4 1/2" (114)	6 5/8" (168)
THWX-436-4-4	44-3/4	1137	36	915	38	965	24-1/8	613	"F"	6" (152)	6 1/2" (165)
THWX-442-4-4	50-3/4	1289	42	1067	44	1118	30-1/8	765	DESIGN CONDITIONS		
THWX-448-4-4	56-3/4	1441	48	1219	50	1270	36-1/8	918	TUBES		
THWX-454-4-4	62-3/4	1594	54	1372	56	1422	42-1/8	1070	DESIGN PRESSURE	150 PSIG	1034 KPa
THWX-460-4-4	68-3/4	1746	60	1524	62	1575	48-1/8	1222	DESIGN TEMPERATURE	375 °F	191 °C
THWX-466-4-4	74-3/4	1899	66	1677	68	1727	54-1/8	1375	M.D.M.T.	35 °F	1.7 °C
THWX-472-4-4	80-3/4	2051	72	1829	74	1880	60-1/8	1527	HYD. TEST PRESSURE	225 PSIG	1551 KPa
THWX-478-4-4	86-3/4	2203	78	1981	80	2032	66-1/8	1680	NOTES:		
THWX-484-4-4	92-3/4	2356	84	2134	86	2184	72-1/8	1832	1. COLLAR ASSEMBLY SUPPLIED SEPARATELY.		
THWX-490-4-4	98-3/4	2508	90	2286	92	2337	78-1/8	1984	2. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.		
THWX-496-4-4	104-3/4	2661	96	2439	98	2489	84-1/8	2137	3. DRAWING IS NOT TO SCALE.		
THWX-4102-4-4	110-3/4	2813	102	2591	104	2642	90-1/8	2289	4. ALL DIMN'S ±1/8 (3) UNLESS OTHERWISE SHOWN.		
THWX-4108-4-4	116-3/4	2965	108	2743	110	2794	96-1/8	2442	5. DIMENSIONS SHOWN AS: in.(mm)		
THWX-4114-4-4	122-3/4	3118	114	2896	116	2946	102-1/8	2594	CUSTOMER:		
THWX-4120-4-4	128-3/4	3270	120	3048	122	3099	108-1/8	2746	LOCATION:		
THWX-4126-4-4	134-3/4	3423	126	3201	128	3251	114-1/8	2899	ENGINEER :		
THWX-4132-4-4	140-3/4	3575	132	3353	134	3404	120-1/8	3051	ORDER No.:		
THWX-4138-4-4	146-3/4	3727	138	3505	140	3556	126-1/8	3204	PROJECT/JOB:		
									LOCATION:		
									TAG:		
									QUOTE #		

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-4