



DIMENSIONS SHOWN AS: inches (mm)

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

BY : D.C.R

TORONTO - CANADA
TEL : (416) 755-2291

MONTREAL - CANADA
TEL : (514) 421-2424

BUFFALO - N. Y.
TEL: (716) 693-8813

COLCHESTER - U.K.
TEL: (44) 120-657-9491

THWX-4-2P-3