



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE	DIMENSIONS								NOZZLE SCHEDULE			
	"A"		"B"		"C"		"D"		(N1) INLET			
	inches	mm	inches	mm	inches	mm	inches	mm	1-1/4" NPT	(32)		
THW-412-2-3	14-1/4	362	12	305	14	356	-	-	(N2) OUTLET	1-1/4" NPT	(32)	
THW-418-2-3	20-1/4	514	18	457	20	508	-	-	COLLAR ASSEMBLY			
THW-424-2-3	26-1/4	667	24	610	26	660	12-1/8	308		STANDARD	OVS. FOR STONE LINING	
THW-430-2-3	32-1/4	819	30	762	32	813	18-1/8	460	"E"	4-1/2" (114)	6-5/8" (168)	
THW-436-2-3	38-1/4	972	36	914	38	965	24-1/8	613	"F"	6" (152)	6-1/2" (165)	
THW-442-2-3	44-1/4	1124	42	1067	44	1118	30-1/8	765	DESIGN CONDITIONS			
THW-448-2-3	50-1/4	1276	48	1219	50	1270	36-1/8	918		TUBES		
THW-454-2-3	56-1/4	1429	54	1372	56	1422	42-1/8	1070	DESIGN PRESSURE	150 PSIG	1034 KP ₀	
THW-460-2-3	62-1/4	1581	60	1524	62	1575	48-1/8	1222	DESIGN TEMPERATURE	375 °F	149 °C	
THW-466-2-3	68-1/4	1734	66	1676	68	1727	54-1/8	1375	M.D.M.T.	35 °F	1.7 °C	
THW-472-2-3	74-1/4	1886	72	1829	74	1880	60-1/8	1527	HYD. TEST PRESSURE	225 PSIG	1551 KP ₀	
THW-478-2-3	80-1/4	2038	78	1981	80	2032	66-1/8	1680	NOTES:			
THW-484-2-3	86-1/4	2191	84	2134	86	2184	72-1/8	1832	1. COLLAR ASSEMBLY SUPPLIED SEPARATELY.			
THW-490-2-3	92-1/4	2343	90	2286	92	2337	78-1/8	1984	2. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.			
THW-496-2-3	98-1/4	2496	96	2438	98	2489	84-1/8	2137	3. DRAWING IS NOT TO SCALE.			
THW-4102-2-3	104-1/4	2648	102	2591	104	2642	90-1/8	2289	4. ALL DIM'S $\pm 1/8$ (3) UNLESS OTHERWISE SHOWN.			
THW-4108-2-3	110-1/4	2800	108	2743	110	2794	96-1/8	2442	5. DIMENSIONS SHOWN AS: in.(mm)			
THW-4114-2-3	116-1/4	2953	114	2896	116	2946	102-1/8	2594	CUSTOMER:			
THW-4120-2-3	122-1/4	3105	120	3048	122	3099	108-1/8	2746	LOCATION:			
THW-4126-2-3	128-1/4	3258	126	3200	128	3251	114-1/8	2899	ENGINEER :			
THW-4132-2-3	134-1/4	3410	132	3353	134	3404	120-1/8	3051	ORDER No.:			
THW-4138-2-3	140-1/4	3562	138	3505	140	3556	126-1/8	3204	PROJECT/JOB:			
									LOCATION:			
									TAG:			
									QUOTE #			
TITLE			A R M S T R O N G				NUMBER		REV.			
G.A. 150 LB. TANK HEATERS			TORONTO - CANADA				MONTREAL - CANADA		BUFFALO - N. Y.		COLCHESTER - U.K.	
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							THW-4-2P-3					