



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE	DIMENSIONS								NOZZLE SCHEDULE		
	"A"		"B"		"C"		"D"		(N1) INLET	1-1/4" FLG (32)	
	inches	mm	inches	mm	inches	mm	inches	mm	(N2) OUTLET	3/4" FLG (19)	
THS-412-2-4	20	508	12	305	14	356	-	-	(N3) VENTS	1/2" (13)	
THS-418-2-4	26	660	18	457	20	508	-	-	COLLAR ASSEMBLY		
THS-424-2-4	32	813	24	610	26	660	12-1/8	308	STANDARD OVS. FOR STONE LINING		
THS-430-2-4	38	965	30	762	32	813	18-1/8	460	"E"	4-1/2" (114)	6-5/8" (168)
THS-436-2-4	44	1118	36	914	38	965	24-1/8	613	"F"	6" (152)	6-1/2" (165)
THS-442-2-4	50	1270	42	1067	44	1118	30-1/8	765	DESIGN CONDITIONS		
THS-448-2-4	56	1422	48	1219	50	1270	36-1/8	918	TUBES		
THS-454-2-4	62	1575	54	1372	56	1422	42-1/8	1070	DESIGN PRESSURE	150 PSIG	1034 KPa
THS-460-2-4	68	1727	60	1524	62	1575	48-1/8	1222	DESIGN TEMPERATURE	375 °F	191 °C
THS-466-2-4	74	1880	66	1676	68	1727	54-1/8	1375	M.D.M.T.	35 °F	1.7 °C
THS-472-2-4	80	2032	72	1829	74	1880	60-1/8	1527	HYD. TEST PRESSURE	225 PSIG	1551 KPa
THS-478-2-4	86	2184	78	1981	80	2032	66-1/8	1680	NOTES:		
THS-484-2-4	92	2337	84	2134	86	2184	72-1/8	1832	1. COLLAR ASSEMBLY SUPPLIED SEPARATELY.		
THS-490-2-4	98	2489	90	2286	92	2337	78-1/8	1984	2. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.		
THS-496-2-4	104	2642	96	2438	98	2489	84-1/8	2137	3. DRAWING IS NOT TO SCALE.		
THS-4102-2-4	110	2794	102	2591	104	2642	90-1/8	2289	4. ALL DIM'S ±1/8 (3) UNLESS OTHERWISE SHOWN.		
THS-4108-2-4	116	2946	108	2743	110	2794	96-1/8	2442	5. DIMENSIONS SHOWN AS: in.(mm)		
THS-4114-2-4	122	3099	114	2896	116	2946	102-1/8	2594	CUSTOMER:		
THS-4120-2-4	128	3251	120	3048	122	3099	108-1/8	2746	LOCATION:		
THS-4126-2-4	134	3404	126	3200	128	3251	114-1/8	2899	ENGINEER :		
THS-4132-2-4	140	3556	132	3353	134	3404	120-1/8	3051	ORDER No.:		
THS-4138-2-4	146	3708	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	THS-4-2P-4	REV.			
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