



EXCHANGER SIZE	DIMENSIONS								NOZZLE SCHEDULE		
	"A"		"B"		"C"		"D"		"N1" INLET	3" NPT (76)	
	inches	mm	inches	mm	inches	mm	inches	mm	"N2" OUTLET	3" NPT (76)	
THWX-1012-4-1	17 -7/8	454	11-3/4	298	14	356	12-1/4	311	"N3" DRAIN	1/2" NPT (13)	
THWX-1018-4-1	23 -7/8	606	17-3/4	451	20	508	18-1/4	464	COLLAR ASSEMBLY		
THWX-1024-4-1	29 -7/8	759	23-3/4	603	26	660	12-1/4	311		STANDARD	OVS. FOR STONE LINING
THWX-1030-4-1	35 -7/8	911	29-3/4	756	32	813	18-1/4	464	"E"	10-3/4" (273)	12-3/4" (324)
THWX-1036-4-1	41 -7/8	1064	35-3/4	908	38	965	24-1/4	616	"F"	8-1/2" (216)	10" (254)
THWX-1042-4-1	47 -7/8	1216	41-3/4	1060	44	1118	30-1/4	768	DESIGN CONDITIONS		
THWX-1048-4-1	53 -7/8	1368	47-3/4	1213	50	1270	36-1/4	921		TUBES	
THWX-1054-4-1	59 -7/8	1521	53-3/4	1365	56	1422	42-1/4	1073	DESIGN PRESSURE	150 PSIG	1034 KPa
THWX-1060-4-1	65 -7/8	1673	59-3/4	1518	62	1575	48-1/4	1226	DESIGN TEMPERATURE	375 F	191 C
THWX-1066-4-1	71 -7/8	1826	65-3/4	1670	68	1727	54-1/4	1378	M.D.M.T.	35 F	1.7 C
THWX-1072-4-1	77 -7/8	1978	71-3/4	1822	74	1880	60-1/4	1530	HYD. TEST PRESSURE	300 PSIG	2068 KPa
THWX-1078-4-1	83 -7/8	2130	77-3/4	1975	80	2032	66-1/4	1683	NOTES:		
THWX-1084-4-1	89 -7/8	2283	83-3/4	2127	86	2184	72-1/4	1835	1. COLLAR ASSEMBLY SUPPLIED SEPARATELY.		
THWX-1090-4-1	95 -7/8	2435	89-3/4	2280	92	2337	78-1/4	1988	2. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.		
THWX-1096-4-1	101 -7/8	2588	95-3/4	2432	98	2489	84-1/4	2140	3. DRAWING IS NOT TO SCALE.		
THWX-10102-4-1	107 -7/8	2740	101-3/4	2584	104	2642	90-1/4	2292	4. ALL DIMN'S 1/8 (3) UNLESS OTHERWISE SHOWN.		
THWX-10108-4-1	113 -7/8	2892	107-3/4	2737	110	2794	96-1/4	2445	5. DIMENSIONS SHOWN AS: In.(mm)		
THWX-10114-4-1	119 -7/8	3045	113-3/4	2889	116	2946	102-1/4	2597	CUSTOMER:		
THWX-10120-4-1	125 -7/8	3197	119-3/4	3042	122	3099	108-1/4	2750	LOCATION:		
THWX-10126-4-1	131 -7/8	3350	125-3/4	3194	128	3251	114-1/4	2902	ENGINEER :		
THWX-10132-4-1	137 -7/8	3502	131-3/4	3346	134	3404	120-1/4	3054	ORDER No.:		
THWX-10138-4-1	143 -7/8	3654	137-3/4	3499	140	3556	126-1/4	3207	PROJECT/JOB:		
THWX-10144-4-1	149 -7/8	3807	143-3/4	3651	146	3708	132-1/4	3359	LOCATION:		
THWX-10150-4-1	155 -7/8	3959	149-3/4	3804	152	3861	138-1/4	3512	TAG:		
									QUOTE #		

TITLE	G.A. 150 LB. TANK HEATERS	ARMSTRONG				NUMBER	Thwx-10-4P-1	REV.	
DATE	24/05/95	BY	D.C.R.	TORONTO - CANADA	MONTREAL - CANADA	BUFFALO - N. Y.	COLCHESTER - U.K.		
				TEL : (416) 755-2291	TEL : (514) 421-2424	TEL : (716) 693-8813	TEL : (44) 120-657-9491		