



EXCHANGER SIZE * - BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WS3T-123-2*-4	52 5/8	1337	22 1/4	565	8 3/4	222	38	965	6	152	2	51
WS3T-124-2*-4	64 5/8	1641	34 1/4	870	20 3/4	527	50	1270	6	152	2	51
WS3T-125-2*-4	76 5/8	1946	46 1/4	1175	32 3/4	832	62	1574	6	152	2	51
WS3T-126-2*-4	88 5/8	2251	58 1/4	1480	44 3/4	1137	74	1879	6	152	2	51
WS3T-127-2*-4	100 5/8	2556	70 1/4	1784	56 3/4	1441	86	2184	8	203	2 1/2	64
WS3T-128-2*-4	112 5/8	2861	82 1/4	2089	68 3/4	1746	98	2489	8	203	2 1/2	64
WS3T-129-2*-4	124 5/8	3165	94 1/4	2394	80 3/4	2051	110	2794	8	203	2 1/2	64
WS3T-1210-2*-4	136 5/8	3470	106 1/4	2699	92 3/4	2356	122	3098	8	203	2 1/2	64
WS3T-1211-2*-4	148 5/8	3775	118 1/4	3004	104 3/4	2661	134	3403	8	203	2 1/2	64
WS3T-1212-2*-4	160 5/8	4080	130 1/4	3308	116 3/4	2965	146	3708	8	203	2 1/2	64
WS3T-1213-2*-4	172 5/8	4385	142 1/4	3613	128 3/4	3270	158	4013	8	203	2 1/2	64
WS3T-1214-2*-4	184 5/8	4689	154 1/4	3918	140 3/4	3575	170	4318	8	203	2 1/2	64
WS3T-1215-2*-4	196 5/8	4994	166 1/4	4223	152 3/4	3880	182	4623	8	203	2 1/2	64

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	4 (102) 300# (RFSO) FLG.
OUTLET	N2	AS PER TABLE	N6	4 (102) 300# (RFSO) FLG.
DRAIN	N3	1/2 (13) NPT		
VENT	N4	3/4 (19) NPT		

NOTES: 1. SUPPORTS SUPPLIED ONLY IF SPECIFIED ON ORDER.  
 2. NOZZLE SIZES SHOWN ARE RECOMMENDED FOR MAX. EXCHANGER LIFE, NO EXTERNAL FORCES APPLY.  
 3. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.  
 4. DRAWING IS NOT TO SCALE.  
 5. ALL DIM'S ±1/8 (3) UNLESS OTHERWISE SHOWN.

DESIGN CONDITIONS				
	SHELL		TUBES	
DESIGN PRESSURE	150 PSIG	1034 KPa	300 PSIG	2068 KPa
DESIGN TEMPERATURE	375 °F	191 °C	375 °F	191 °C
MIN. DESIGN METAL TEMP.	35 °F	1.7 °C	35 °F	1.7 °C
HYDRO. TEST PRESSURE	225 PSIG	1551 KPa	450 PSIG	3102 KPa
CONTENTS	STEAM		WATER	

CUSTOMER:  
 LOCATION:  
 ENGINEER:  
 ORDER No.:#  
 PROJECT/JOB:  
 LOCATION:  
 TAG: (QUOTE # )

TITLE	G.A. 300 LB. WS SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER	WS3T-12-2P-4	REV.			
DATE:	04 / 05 / 01	BY:	J.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