



DIMENSIONS SHOWN AS: inches (mm)

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*-E3	54	5/8	1387	36	3/4	933	23	1/2	597	38	965	6	152	2	51	
WS3T-124-2*-E3	66	5/8	1692	48	3/4	1238	35	1/2	902	50	1270	6	152	2	51	
WS3T-125-2*-E3	78	5/8	1997	60	3/4	1543	47	1/2	1207	62	1574	6	152	2	51	
WS3T-126-2*-E3	90	5/8	2302	72	3/4	1848	59	1/2	1511	74	1879	6	152	2	51	
WS3T-127-2*-E3	102	5/8	2607	84	3/4	2153	71	1/2	1816	86	2184	8	203	2	1/2	64
WS3T-128-2*-E3	114	5/8	2911	96	3/4	2457	83	1/2	2121	98	2489	8	203	2	1/2	64
WS3T-129-2*-E3	126	5/8	3216	108	3/4	2762	95	1/2	2426	110	2794	8	203	2	1/2	64
WS3T-121D-2*-E3	138	5/8	3521	120	3/4	3067	107	1/2	2731	122	3098	8	203	2	1/2	64
WS3T-1211-2*-E3	150	5/8	3826	132	3/4	3372	119	1/2	3035	134	3403	8	203	2	1/2	64
WS3T-1212-2*-E3	162	5/8	4131	144	3/4	3677	131	1/2	3340	146	3708	8	203	2	1/2	64
WS3T-1213-2*-E3	174	5/8	4435	156	3/4	3981	143	1/2	3645	158	4013	8	203	2	1/2	64
WS3T-1214-2*-E3	186	5/8	4740	168	3/4	4286	155	1/2	3950	170	4318	8	203	2	1/2	64
WS3T-1215-2*-E3	198	5/8	5045	180	3/4	4591	167	1/2	4255	182	4623	8	203	2	1/2	64

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	3 (76) NPT
OUTLET	N2	AS PER TABLE	N6	3 (76) NPT
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  $\pm 1/8$  (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-E3	REV.	
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