



EXCHANGER SIZE *-BAFFLE SPACING	DIMENSIONS															
	A		B		C		D		(N1)		(N2)					
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm				
WS3T-102-2*-E3	40	5/8	1032	23	3/4	603	11	3/4	298	26	660	4	102	1	1/2	38
WS3T-103-2*-E3	52	5/8	1337	35	3/4	908	23	3/4	603	38	965	4	102	1	1/2	38
WS3T-104-2*-E3	64	5/8	1641	47	3/4	1213	35	3/4	908	50	1270	6	152	2		51
WS3T-105-2*-E3	76	5/8	1946	59	3/4	1518	47	3/4	1213	62	1574	6	152	2		51
WS3T-106-2*-E3	88	5/8	2251	71	3/4	1822	59	3/4	1518	74	1879	6	152	2		51
WS3T-107-2*-E3	100	5/8	2556	83	3/4	2127	71	3/4	1822	86	2184	6	152	2		51
WS3T-108-2*-E3	112	5/8	2861	95	3/4	2432	83	3/4	2127	98	2489	6	152	2		51
WS3T-109-2*-E3	124	5/8	3165	107	3/4	2737	95	3/4	2432	110	2794	6	152	2		51
WS3T-1010-2*-E3	136	5/8	3470	119	3/4	3042	107	3/4	2737	122	3098	6	152	2		51
WS3T-1011-2*-E3	148	5/8	3775	131	3/4	3346	119	3/4	3042	134	3403	6	152	2		51
WS3T-1012-2*-E3	160	5/8	4080	143	3/4	3651	131	3/4	3346	146	3708	6	152	2		51
WS3T-1013-2*-E3	172	5/8	4385	155	3/4	3956	143	3/4	3651	158	4013	6	152	2		51
WS3T-1014-2*-E3	184	5/8	4689	167	3/4	4261	155	3/4	3956	170	4318	6	152	2		51
WS3T-1015-2*-E3	196	5/8	4994	179	3/4	4566	167	3/4	4261	182	4623	6	152	2		51

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 ±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-10-2P-E3	REV.
DATE: 03 / 01 / 01 BY: J.R.	TORONTO - CANADA TEL: (416) 755-2291	MONTREAL - CANADA TEL: (514) 421-2424	BUFFALO - N. Y. TEL: (716) 693-8813	COLCHESTER - U.K. TEL: (44) 120-657-9491		