



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-69-4*-3	112 1/4	2851	98 3/4	2508	88	2235	110	2794	4	102	1-1/4	32
WS3T-610-4*-3	124 1/4	3156	110 3/4	2813	100	2540	122	3098	4	102	1-1/4	32
WS3T-611-4*-3	136 1/4	3461	122 3/4	3118	112	2845	134	3403	4	102	1-1/4	32
WS3T-612-4*-3	148 1/4	3766	134 3/4	3423	124	3150	146	3708	4	102	1-1/4	32

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	1 1/2 (38) NPT
OUTLET	N2	AS PER TABLE	N6	1 1/2 (38) NPT
DRAIN			N7	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 TO APPLY.
 3. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.
 4. DRAWING IS NOT TO SCALE.
 5. ALL DIMN'S $\pm 1/8(3)$ UNLESS OTHERWISE SHOWN.

DESIGN CONDITIONS				
	SHELL		TUBES	
DESIGN PRESSURE	150 PSIG	1034 KP _a	300 PSIG	2068 KP _a
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 KP _a	450 PSIG	3102 KP _a
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-6-4P-3(4)	REV. 1
DATE: 11 / 30 / 00 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		