



EXCHANGER SIZE *BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W3T-82-4*-3	29 1/8	740	13 1/2	343	3 1/4	83	26	660	4	102	4	102
W3T-83-4*-3	41 1/8	1045	25 1/2	648	15 1/4	387	38	965	4	102	4	102
W3T-84-4*-3	53 1/8	1350	37 1/2	953	27 1/4	692	50	1270	4	102	4	102
W3T-85-4*-3	65 1/8	1654	49 1/2	1257	39 1/4	997	62	1574	4	102	4	102
W3T-86-4*-3	77 1/8	1959	61 1/2	1562	51 1/4	1302	74	1879	4	102	4	102
W3T-87-4*-3	89 1/8	2264	73 1/2	1867	63 1/4	1607	86	2184	4	102	4	102
W3T-88-4*-3	101 1/8	2569	85 1/2	2172	75 1/4	1911	98	2489	4	102	4	102
W3T-89-4*-3	113 1/8	2874	97 1/2	2477	87 1/4	2216	110	2794	4	102	4	102
W3T-810-4*-3	125 1/8	3178	109 1/2	2781	99 1/4	2521	122	3098	4	102	4	102
W3T-811-4*-3	137 1/8	3483	121 1/2	3086	111 1/4	2826	134	3403	4	102	4	102
W3T-812-4*-3	149 1/8	3788	133 1/2	3391	123 1/4	3131	146	3708	4	102	4	102
W3T-813-4*-3	161 1/8	4093	145 1/2	3696	135 1/4	3435	158	4013	4	102	4	102
W3T-814-4*-3	173 1/8	4398	157 1/2	4001	147 1/4	3740	170	4318	4	102	4	102

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	2 (51) NPT
OUTLET	N2	AS PER TABLE	N6	2 (51) NPT
DRAIN	N3	1/2 (13) NPT	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 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	WATER		WATER	

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

TITLE G.A. 300 LB. W SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER W3T-8-4P-3(4)	REV.
DATE: 01 / 05 / 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		