



DIMENSIONS SHOWN AS: inches (mm)

HOLES (TYP.)

EXCHANGER SIZE *BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W3T-82-2*-4	38 1/2	978	13 1/2	343	3 1/4	83	26	660	4	102	4	102
W3T-83-2*-4	50 1/2	1283	25 1/2	648	15 1/4	387	38	965	4	102	4	102
W3T-84-2*-4	62 1/2	1588	37 1/2	953	27 1/4	692	50	1270	4	102	4	102
W3T-85-2*-4	74 1/2	1892	49 1/2	1257	39 1/4	997	62	1574	4	102	4	102
W3T-86-2*-4	86 1/2	2197	61 1/2	1562	51 1/4	1302	74	1879	4	102	4	102
W3T-87-2*-4	98 1/2	2502	73 1/2	1867	63 1/4	1607	86	2184	4	102	4	102
W3T-88-2*-4	110 1/2	2807	85 1/2	2172	75 1/4	1911	98	2489	4	102	4	102
W3T-89-2*-4	122 1/2	3112	97 1/2	2477	87 1/4	2216	110	2794	4	102	4	102
W3T-810-2*-4	134 1/2	3416	109 1/2	2781	99 1/4	2521	122	3098	4	102	4	102
W3T-811-2*-4	146 1/2	3721	121 1/2	3086	111 1/4	2826	134	3403	4	102	4	102
W3T-812-2*-4	158 1/2	4026	133 1/2	3391	123 1/4	3131	146	3708	4	102	4	102
W3T-813-2*-4	170 1/2	4331	145 1/2	3696	135 1/4	3435	158	4013	4	102	4	102
W3T-814-2*-4	182 1/2	4636	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	3 (76) 300# FLG.
OUTLET	N2	AS PER TABLE	N6	3 (76) 300# 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
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-8-2P-4(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		