



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
W-103-2*-4	51 5/8	1311	26 1/2	673	18	457	38	965	3	76	3	76
W-104-2*-4	63 5/8	1616	38 1/2	978	30	762	50	1270	3	76	3	76
W-105-2*-4	75 5/8	1921	50 1/2	1283	42	1067	62	1575	3	76	3	76
W-106-2*-4	87 5/8	2226	62 1/2	1588	54	1372	74	1880	3	76	3	76
W-107-2*-4	99 5/8	2530	74 1/2	1892	66	1676	86	2184	3	76	3	76
W-108-2*-4	111 5/8	2835	86 1/2	2197	78	1981	98	2489	3	76	3	76
W-109-2*-4	123 5/8	3140	98 1/2	2502	90	2286	110	2794	3	76	3	76
W-1010-2*-4	135 5/8	3445	110 1/2	2807	102	2591	122	3099	3	76	3	76
W-1011-2*-4	147 5/8	3750	122 1/2	3112	114	2896	134	3404	3	76	3	76
W-1012-2*-4	159 5/8	4054	134 1/2	3416	126	3200	146	3708	3	76	3	76
W-1013-2*-4	171 5/8	4359	146 1/2	3721	138	3505	158	4013	3	76	3	76
W-1014-2*-4	183 5/8	4664	158 1/2	4026	150	3810	170	4318	3	76	3	76
W-1015-2*-4	195 5/8	4969	170 1/2	4331	162	4115	182	4623	3	76	3	76

NOZZLE SCHEDULE

SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	4 (102) FLG
OUTLET	N2	AS PER TABLE	N6	4 (102) 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 MAXIMUM EXCHANGER LIFE.
 3. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.
 4. DRAWING IS NOT TO SCALE.
 5. ALL DIMN'S ±1/8 (3) UNLESS OTHERWISE SHOWN.

DESIGN CONDITIONS

	SHELL		TUBES	
DESIGN PRESSURE	150 PSIG	1034 KPa	150 PSIG	1034 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	225 PSIG	1551 KPa
CONTENTS	WATER		WATER	

CUSTOMER:

LOCATION:

ENGINEER:

ORDER No.:

PROJECT/JOB:

LOCATION:

TAG:

(QUOTE #)

TITLE	A R M S T R O N G				NUMBER	REV.
G.A. 150 LB. W SERIES HEAT EXCHANGERS	TORONTO - CANADA	MONTREAL - CANADA	BUFFALO - N. Y.	COLCHESTER - U.K.	W-10-2P-4(3)	
DATE: 12 / 01 / 94	BY: D.C.R.	TEL : (416) 755-2291	TEL : (514) 421-2424	TEL: (716) 693-8813 TEL: (44) 120-657-9491		