



EXCHANGER SIZE *BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W-83-2*-4	48 5/8	1235	26	660	15	381	38	965	4	102	4	102
W-84-2*-4	60 5/8	1540	38	965	27	686	50	1270	4	102	4	102
W-85-2*-4	72 5/8	1845	50	1270	39	991	62	1575	4	102	4	102
W-86-2*-4	84 5/8	2149	62	1575	51	1295	74	1880	4	102	4	102
W-87-2*-4	96 5/8	2454	74	1880	63	1600	86	2184	4	102	4	102
W-88-2*-4	108 5/8	2759	86	2184	75	1905	98	2489	4	102	4	102
W-89-2*-4	120 5/8	3064	98	2489	87	2210	110	2794	4	102	4	102
W-810-2*-4	132 5/8	3369	110	2794	99	2515	122	3099	4	102	4	102
W-811-2*-4	144 5/8	3673	122	3099	111	2819	134	3404	4	102	4	102
W-812-2*-4	156 5/8	3978	134	3404	123	3124	146	3708	4	102	4	102
W-813-2*-4	168 5/8	4283	146	3708	135	3429	158	4013	4	102	4	102
W-814-2*-4	180 5/8	4588	158	4013	147	3734	170	4318	4	102	4	102

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	(N1)	AS PER TABLE	(N5)	3 (76) FLG
OUTLET	(N2)	AS PER TABLE	(N6)	3 (76) 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 KP _a	150 PSIG	1034 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	225 PSIG	1551 KP _a
CONTENTS	WATER		WATER	

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

TITLE	G.A. 150 LB. W SERIES HEAT EXCHANGERS				A R M S T R O N G				NUMBER	REV.
DATE:	12 / 01 / 94	BY:	D.C.R.	TORONTO - CANADA	MONTREAL - CANADA	BUFFALO - N. Y.	COLCHESTER - U.K.	W-8-2P-4(4)		
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