



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 1/2	673	18	457	38	965	3	76	3	76
W-84-2*-4	60 5/8	1540	38 1/2	978	30	762	50	1270	3	76	3	76
W-85-2*-4	72 5/8	1845	50 1/2	1283	42	1067	62	1575	3	76	3	76
W-86-2*-4	84 5/8	2149	62 1/2	1588	54	1372	74	1880	3	76	3	76
W-87-2*-4	96 5/8	2454	74 1/2	1892	66	1676	86	2184	3	76	3	76
W-88-2*-4	108 5/8	2759	86 1/2	2197	78	1981	98	2489	3	76	3	76
W-89-2*-4	120 5/8	3064	98 1/2	2502	90	2286	110	2794	3	76	3	76
W-810-2*-4	132 5/8	3369	110 1/2	2807	102	2591	122	3099	3	76	3	76
W-811-2*-4	144 5/8	3673	122 1/2	3112	114	2896	134	3404	3	76	3	76
W-812-2*-4	156 5/8	3978	134 1/2	3416	126	3200	146	3708	3	76	3	76
W-813-2*-4	168 5/8	4283	146 1/2	3721	138	3505	158	4013	3	76	3	76
W-814-2*-4	180 5/8	4588	158 1/2	4026	150	3810	170	4318	3	76	3	76

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 DIM'S $\pm 1/8$ (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 G.A. 150 LB. W SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER W-8-2P-4-(3)	REV.
DATE: 12 / 01 / 94 BY: D.C.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		