



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-82-2*-3	28 5/8	727	14	356	—	—	26	660	4	102	4	102
W-83-2*-3	40 5/8	1032	26	660	15	381	38	965	4	102	4	102
W-84-2*-3	52 5/8	1337	38	965	27	686	50	1270	4	102	4	102
W-85-2*-3	64 5/8	1641	50	1270	39	991	62	1575	4	102	4	102
W-86-2*-3	76 5/8	1946	62	1575	51	1295	74	1880	4	102	4	102
W-87-2*-3	88 5/8	2251	74	1880	63	1600	86	2184	4	102	4	102
W-88-2*-3	100 5/8	2556	86	2184	75	1905	98	2489	4	102	4	102
W-89-2*-3	112 5/8	2861	98	2489	87	2210	110	2794	4	102	4	102
W-810-2*-3	124 5/8	3165	110	2794	99	2515	122	3099	4	102	4	102
W-811-2*-3	136 5/8	3470	122	3099	111	2819	134	3404	4	102	4	102
W-812-2*-3	148 5/8	3775	134	3404	123	3124	146	3708	4	102	4	102
W-813-2*-3	160 5/8	4080	146	3708	135	3429	158	4013	4	102	4	102
W-814-2*-3	172 5/8	4385	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) NPT
OUTLET	(N2)	AS PER TABLE	(N6)	3 (76) NPT
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 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 G.A. 150 LB. W SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER W-8-2P-3(4)	REV. A 2001 J.R.
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		