



EXCHANGER SIZE *BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W-244-2*-4	75 1/2	1918	26 1/4	667	6	152	53	1346	12	305	12	305
W-245-2*-4	87 1/2	2223	38 1/4	972	18	457	65	1651	12	305	12	305
W-246-2*-4	99 1/2	2528	50 1/4	1277	30	762	77	1956	12	305	12	305
W-247-2*-4	111 1/2	2832	62 1/4	1581	42	1066	89	2260	12	305	12	305
W-248-2*-4	123 1/2	3137	74 1/4	1886	54	1371	101	2565	12	305	12	305
W-249-2*-4	135 1/2	3442	86 1/4	2191	66	1676	113	2870	12	305	12	305
W-2410-2*-4	147 1/2	3747	98 1/4	2496	78	1981	125	3175	12	305	12	305
W-2411-2*-4	159 1/2	4052	110 1/4	2801	90	2286	137	3480	12	305	12	305
W-2412-2*-4	171 1/2	4356	122 1/4	3105	102	2590	149	3784	12	305	12	305
W-2413-2*-4	183 1/2	4661	134 1/4	3410	114	2895	161	4089	12	305	12	305
W-2414-2*-4	195 1/2	4966	146 1/4	3715	126	3200	173	4394	12	305	12	305
W-2415-2*-4	207 1/2	5271	158 1/4	4020	138	3505	185	4699	12	305	12	305

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE ANSI (RF) FLG	N5	10 (254) ANSI (RF) FLG
OUTLET	N2	AS PER TABLE ANSI (RF) FLG	N6	10 (254) ANSI (RF) FLG
DRAIN	N3	3/4 (19) 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 kpo)	150 PSIG (1034 kpo)
DESIGN TEMPERATURE	375 °F (191 °C)	375 °F (191 °C)
MIN. DESIGN METAL TEMP.	40 °F (4.4°C)	40 °F (4.4°C)
HYDRO. TEST PRESSURE	225 PSIG (1551 kpo)	225 PSIG (1551 kpo)
CONTENTS	WATER	WATER

CUSTOMER:
LOCATION:

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

TITLE 150 LB. W SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER	REV.
DATE :-SEP./15/99 BY :-AP/AG	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	W-24-2P-4	