



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-123-4*-1	43 5/8	1108	23	584	10	254	38	965	4	102	4	102
W-124-4*-1	55 5/8	1413	35	889	22	559	50	1270	4	102	4	102
W-125-4*-1	67 5/8	1718	47	1194	34	864	62	1575	4	102	4	102
W-126-4*-1	79 5/8	2022	59	1499	46	1168	74	1880	4	102	4	102
W-127-4*-1	91 5/8	2327	71	1803	58	1473	86	2184	4	102	4	102
W-128-4*-1	103 5/8	2632	83	2108	70	1778	98	2489	4	102	4	102
W-129-4*-1	115 5/8	2937	95	2413	82	2083	110	2794	4	102	4	102
W-1210-4*-1	127 5/8	3242	107	2718	94	2388	122	3099	4	102	4	102
W-1211-4*-1	139 5/8	3546	119	3023	106	2692	134	3404	4	102	4	102
W-1212-4*-1	151 5/8	3851	131	3327	118	2997	146	3708	4	102	4	102
W-1213-4*-1	163 5/8	4156	143	3632	130	3302	158	4013	4	102	4	102
W-1214-4*-1	175 5/8	4461	155	3937	142	3607	170	4318	4	102	4	102
W-1215-4*-1	187 5/8	4766	167	4242	154	3912	182	4623	4	102	4	102

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	4 (102) NPT
OUTLET	N2	AS PER TABLE	N6	4 (102) NPT
DRAIN	N3	1/2 (13) NPT	N7	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 DIM'S ±1/8 (3) UNLESS OTHERWISE SHOWN.

DESIGN CONDITIONS				
	SHELL		TUBES	
DESIGN PRESSURE	150 PSIG	1034 KPa	125 PSIG	862 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	250 PSIG	1723 KPa
CONTENTS	WATER		WATER	

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

TITLE	G.A. 150 LB. W SERIES HEAT EXCHANGERS	<b>A R M S T R O N G</b>				NUMBER	W-12-4P-1(4)	REV. A ECO #9153 JAN.7/03 J.R.			
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