



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-204-4*-1	57 1/2	1461	30 1/2	775	15	381	51	1295	8	203	8	203
W-205-4*-1	69 1/2	1766	42 1/2	1080	27	686	63	1600	8	203	8	203
W-206-4*-1	81 1/2	2071	54 1/2	1384	39	991	75	1905	8	203	8	203
W-207-4*-1	93 1/2	2375	66 1/2	1689	51	1295	87	2210	8	203	8	203
W-208-4*-1	105 1/2	2680	78 1/2	1994	63	1600	99	2515	8	203	8	203
W-209-4*-1	117 1/2	2985	90 1/2	2299	75	1905	111	2819	8	203	8	203
W-210-4*-1	129 1/2	3290	102 1/2	2604	87	2210	123	3124	8	203	8	203
W-211-4*-1	141 1/2	3595	114 1/2	2908	99	2515	135	3429	8	203	8	203
W-212-4*-1	153 1/2	3899	126 1/2	3213	111	2819	147	3734	8	203	8	203
W-213-4*-1	165 1/2	4204	138 1/2	3518	123	3124	159	4039	8	203	8	203
W-214-4*-1	177 1/2	4509	150 1/2	3823	135	3429	171	4343	8	203	8	203
W-215-4*-1	189 1/2	4814	162 1/2	4128	147	3734	183	4648	8	203	8	203

NOZZLE SCHEDULE

SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	6 (152) NPT
OUTLET	N2	AS PER TABLE	N6	6 (152) 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.	40 °F	4.4 °C	40 °F	4.4 °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	A R M S T R O N G				NUMBER W-20-4P-1(8)	REV. A 2001 J.R.
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