



EXCHANGER SIZE *-BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		(N1)		(N2)	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W-183-2*-1	44 5/8	1133	19 1/4	489	4 3/4	121	38	965	8	203	8	203
W-184-2*-1	56 5/8	1438	31 1/4	794	16 3/4	425	50	1270	8	203	8	203
W-185-2*-1	68 5/8	1743	43 1/4	1099	28 3/4	730	62	1575	8	203	8	203
W-186-2*-1	80 5/8	2048	55 1/4	1403	40 3/4	1035	74	1880	8	203	8	203
W-187-2*-1	92 5/8	2353	67 1/4	1708	52 3/4	1340	86	2184	8	203	8	203
W-188-2*-1	104 5/8	2657	79 1/4	2013	64 3/4	1645	98	2489	8	203	8	203
W-189-2*-1	116 5/8	2962	91 1/4	2318	76 3/4	1949	110	2794	8	203	8	203
W-1810-2*-1	128 5/8	3267	103 1/4	2623	88 3/4	2254	122	3099	8	203	8	203
W-1811-2*-1	140 5/8	3572	115 1/4	2927	100 3/4	2559	134	3404	8	203	8	203
W-1812-2*-1	152 5/8	3877	127 1/4	3232	112 3/4	2864	146	3708	8	203	8	203
W-1813-2*-1	164 5/8	4181	139 1/4	3537	124 3/4	3169	158	4013	8	203	8	203
W-1814-2*-1	176 5/8	4486	151 1/4	3842	136 3/4	3473	170	4318	8	203	8	203
W-1815-2*-1	188 5/8	4791	163 1/4	4147	148 3/4	3778	182	4623	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		
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 DIMSION 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	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-18-2P-1(8)	REV. A ECO #9153 JAN.7/03 J.R.
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