



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