



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*-4	68 7/8	1749	30 1/2	775	15	381	51	1295	8	203	8	203
W-205-4*-4	80 7/8	2054	42 1/2	1080	27	686	63	1600	8	203	8	203
W-206-4*-4	92 7/8	2359	54 1/2	1384	39	991	75	1905	8	203	8	203
W-207-4*-4	104 7/8	2664	66 1/2	1689	51	1295	87	2210	8	203	8	203
W-208-4*-4	116 7/8	2969	78 1/2	1994	63	1600	99	2515	8	203	8	203
W-209-4*-4	128 7/8	3273	90 1/2	2299	75	1905	111	2819	8	203	8	203
W-2010-4*-4	140 7/8	3578	102 1/2	2604	87	2210	123	3124	8	203	8	203
W-2011-4*-4	152 7/8	3883	114 1/2	2908	99	2515	135	3429	8	203	8	203
W-2012-4*-4	164 7/8	4188	126 1/2	3213	111	2819	147	3734	8	203	8	203
W-2013-4*-4	176 7/8	4493	138 1/2	3518	123	3124	159	4039	8	203	8	203
W-2014-4*-4	188 7/8	4797	150 1/2	3823	135	3429	171	4343	8	203	8	203
W-2015-4*-4	200 7/8	5102	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) FLG
OUTLET	N2	AS PER TABLE	N6	6 (152) FLG
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 DIMN'S ±1/8 (3) UNLESS OTHERWISE SHOWN.

DESIGN CONDITIONS				
	SHELL		TUBES	
DESIGN PRESSURE	150 PSIG	1034 KPa	150 PSIG	1034 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	225 PSIG	1551 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-4(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		