



EXCHANGER SIZE *BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W-103-4*-1	43 1/4	1099	23 1/2	597	10 1/2	267	38	965	6	152	6	152
W-104-4*-1	55 1/4	1403	35 1/2	902	22 1/2	572	50	1270	6	152	6	152
W-105-4*-1	67 1/4	1708	47 1/2	1207	34 1/2	876	62	1575	6	152	6	152
W-106-4*-1	79 1/4	2013	59 1/2	1511	46 1/2	1181	74	1880	6	152	6	152
W-107-4*-1	91 1/4	2318	71 1/2	1816	58 1/2	1486	86	2184	6	152	6	152
W-108-4*-1	103 1/4	2623	83 1/2	2121	70 1/2	1791	98	2489	6	152	6	152
W-109-4*-1	115 1/4	2927	95 1/2	2426	82 1/2	2096	110	2794	6	152	6	152
W-1010-4*-1	127 1/4	3232	107 1/2	2731	94 1/2	2400	122	3099	6	152	6	152
W-1011-4*-1	139 1/4	3537	119 1/2	3035	106 1/2	2705	134	3404	6	152	6	152
W-1012-4*-1	151 1/4	3842	131 1/2	3340	118 1/2	3010	146	3708	6	152	6	152
W-1013-4*-1	163 1/4	4147	143 1/2	3645	130 1/2	3315	158	4013	6	152	6	152
W-1014-4*-1	175 1/4	4451	155 1/2	3950	142 1/2	3620	170	4318	6	152	6	152
W-1015-4*-1	187 1/4	4756	167 1/2	4255	154 1/2	3924	182	4623	6	152	6	152

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	(N1)	AS PER TABLE	(N5)	3 (76) NPT
OUTLET	(N2)	AS PER TABLE	(N6)	3 (76) 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	150 PSIG	1034 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	300 PSIG	2068 KPa	
CONTENTS	WATER		WATER		

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

TITLE	A R M S T R O N G				NUMBER	REV.
G.A. 150 LB. W SERIES HEAT EXCHANGERS	TORONTO - CANADA	MONTREAL - CANADA	BUFFALO - N. Y.	COLCHESTER - U.K.	W-10-4P-1(6)	
DATE: 12/01/94 BY: D.C.R.	TEL: (416) 755-2291	TEL: (514) 421-2424	TEL: (716) 693-8813	TEL: (44) 120-657-9491		