



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		(N1)		(N2)	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WS-123-2E2	62 3/8	1584	37	940	26	660	38	965	6	152	2	51
WS-124-2E2	74 3/8	1889	49	1245	38	965	50	1270	6	152	2	51
WS-125-2E2	86 3/8	2194	61	1549	50	1270	62	1575	6	152	2	51
WS-126-2E2	98 3/8	2499	73	1854	62	1575	74	1880	6	152	2	51
WS-127-2E2	110 3/8	2804	85	2159	74	1880	86	2184	8	203	2 1/2	64
WS-128-2E2	122 3/8	3108	97	2464	86	2184	98	2489	8	203	2 1/2	64
WS-129-2E2	134 3/8	3413	109	2769	98	2489	110	2794	8	203	2 1/2	64
WS-1210-2E2	146 3/8	3718	121	3073	110	2794	122	3099	8	203	2 1/2	64
WS-1211-2E2	158 3/8	4023	133	3378	122	3099	134	3404	8	203	2 1/2	64
WS-1212-2E2	170 3/8	4328	145	3683	134	3404	146	3708	8	203	2 1/2	64
WS-1213-2E2	182 3/8	4632	157	3988	146	3708	158	4013	8	203	2 1/2	64
WS-1214-2E2	194 3/8	4937	169	4293	158	4013	170	4318	8	203	2 1/2	64
WS-1215-2E2	206 3/8	5242	181	4597	170	4318	182	4623	8	203	2 1/2	64

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	(N1)	AS PER TABLE	(N5)	4 (102) FLG
OUTLET	(N2)	AS PER TABLE	(N6)	4 (102) FLG
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 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	STEAM		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. WS SERIES HEAT EXCHANGERS	TORONTO - CANADA	MONTREAL - CANADA	BUFFALO - N. Y.	COLCHESTER - U.K.	WS-12-2P-E2	
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	