



EXCHANGER SIZE * - BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		(N1)		(N2)	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W-284-2*-4	82	2083	25	635	3	76	55	1397	14	356	14	356
W-285-2*-4	94	2388	37	940	15	381	67	1702	14	356	14	356
W-286-2*-4	106	2692	49	1245	27	686	79	2007	14	356	14	356
W-287-2*-4	118	2997	61	1549	39	991	91	2311	14	356	14	356
W-288-2*-4	130	3302	73	1854	51	1295	103	2616	14	356	14	356
W-289-2*-4	142	3607	85	2159	63	1600	115	2921	14	356	14	356
W-2810-2*-4	154	3912	97	2464	75	1905	127	3226	14	356	14	356
W-2811-2*-4	166	4216	109	2769	87	2210	139	3531	14	356	14	356
W-2812-2*-4	178	4521	121	3073	99	2515	151	3835	14	356	14	356
W-2813-2*-4	190	4826	133	3378	111	2819	163	4140	14	356	14	356
W-2814-2*-4	202	5131	145	3683	123	3124	175	4445	14	356	14	356
W-2815-2*-4	214	5436	157	3988	135	3429	187	4750	14	356	14	356

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	(N1)	AS PER TABLE ANSI (RF) FLG	(N5)	12 (305) ANSI (RF) FLG
OUTLET	(N2)	AS PER TABLE ANSI (RF) FLG	(N6)	12 (305) ANSI (RF) FLG
DRAIN	(N3)	3/4 (19) 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:
 ORDER No.:
 PROJECT/JOB:
 LOCATION:
 TAG: (QUOTE #)

TITLE 150 LB. W SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER	REV.
DATE :-SEP./15/99 BY :- AP/AG	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	W-28-2P-4	