



EXCHANGER SIZE * - BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W-42-4*-4	33 1/4	845	16 1/2	419	9 1/2	241	26	660	1 1/2	38	1 1/2	38
W-43-4*-4	45 1/4	1149	28 1/2	724	21 1/2	546	38	965	1 1/2	38	1 1/2	38
W-44-4*-4	57 1/4	1454	40 1/2	1029	33 1/2	851	50	1270	1 1/2	38	1 1/2	38
W-45-4*-4	69 1/4	1759	52 1/2	1334	45 1/2	1156	62	1575	1 1/2	38	1 1/2	38
W-46-4*-4	81 1/4	2064	64 1/2	1638	57 1/2	1461	74	1880	1 1/2	38	1 1/2	38
W-47-4*-4	93 1/4	2369	76 1/2	1943	69 1/2	1765	86	2184	1 1/2	38	1 1/2	38
W-48-4*-4	105 1/4	2673	88 1/2	2248	81 1/2	2070	98	2489	1 1/2	38	1 1/2	38
W-49-4*-4	117 1/4	2978	100 1/2	2553	93 1/2	2375	110	2794	1 1/2	38	1 1/2	38
W-410-4-4*	129 1/4	3283	112 1/2	2858	105 1/2	2680	122	3099	1 1/2	38	1 1/2	38

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	1 (25) FLG
OUTLET	N2	AS PER TABLE	N6	1 (25) 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 KP _a	150 PSIG	1034 KP _a
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 KP _a	300 PSIG	2068 KP _a
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	REV.			
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	W-4-4P-4-(1.5)	