



EXCHANGER SIZE *BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W3H-42-4*-4	33 7/8	860	16 1/2	419	9 3/4	248	26	660	2	51	2	51
W3H-43-4*-4	45 7/8	1165	28 1/2	724	21 3/4	552	38	965	2	51	2	51
W3H-44-4*-4	57 7/8	1470	40 1/2	1029	33 3/4	857	50	1270	2	51	2	51
W3H-45-4*-4	69 7/8	1775	52 1/2	1334	45 3/4	1162	62	1575	2	51	2	51
W3H-46-4*-4	81 7/8	2080	64 1/2	1638	57 3/4	1467	74	1879	2	51	2	51
W3H-47-4*-4	93 7/8	2384	76 1/2	1943	69 3/4	1772	86	2184	2	51	2	51
W3H-48-4*-4	105 7/8	2689	88 1/2	2248	81 3/4	2076	98	2489	2	51	2	51
W3H-49-4*-4	117 7/8	2994	100 1/2	2553	93 3/4	2381	110	2794	2	51	2	51
W3H-410-4*-4	129 7/8	3299	112 1/2	2858	105 3/4	2686	122	3099	2	51	2	51

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	1 (25) 300# FLG.
OUTLET	N2	AS PER TABLE	N6	1 (25) 300# 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 DIM'S ±1/8 (3) UNLESS OTHERWISE SHOWN.

DESIGN CONDITIONS				
	SHELL		TUBES	
DESIGN PRESSURE	300 PSIG	2068 KPa	300 PSIG	2068 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	450 PSIG	3102 KPa	450 PSIG	3102 KPa
CONTENTS	WATER		WATER	

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

TITLE	G.A. 300 LB. W SERIES HEAT EXCHANGERS				A R M S T R O N G				NUMBER	W3H-4-4P-4(2)	REV.
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