



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE *BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W3H-1D2-2*-4	41 1/2	1054	10 3/4	273	-	-	26	660	6	152	6	152
W3H-1D3-2*-4	53 1/2	1359	22 3/4	578	11 1/2	292	38	965	6	152	6	152
W3H-1D4-2*-4	65 1/2	1664	34 3/4	902	23 1/2	597	50	1270			6	152
W3H-1D5-2*-4	77 1/2	1968	46 3/4	1187	35 1/2	902	62	1574			6	152
W3H-1D6-2*-4	89 1/2	2273	58 3/4	1492	47 1/2	1207	74	1879			6	152
W3H-1D7-2*-4	101 1/2	2578	70 3/4	1797	59 1/2	1511	86	2184			6	152
W3H-1D8-2*-4	113 1/2	2883	82 3/4	2102	71 1/2	1816	98	2489	6	152	6	152
W3H-1D9-2*-4	125 1/2	3188	94 3/4	2407	83 1/2	2121	110	2794	6	152	6	152
W3H-1D10-2*-4	137 1/2	3492	106 3/4	2711	95 1/2	2426	122	3098	6	152	6	152
W3H-1D11-2*-4	149 1/2	3797	118 3/4	3016	107 1/2	2731	134	3403	6	152	6	152
W3H-1D12-2*-4	161 1/2	4102	130 3/4	3321	119 1/2	3035	146	3708	6	152	6	152
W3H-1D13-2*-4	173 1/2	4407	142 3/4	3626	131 1/2	3340	158	4013	6	152	6	152
W3H-1D14-2*-4	185 1/2	4712	154 3/4	3931	143 1/2	3645	170	4318	6	152	6	152
W3H-1D15-2*-4	197 1/2	5016	166 3/4	4235	155 1/2	3949	182	4623	6	152	6	152

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	4 (102) 300# FLG.
OUTLET	N2	AS PER TABLE	N6	4 (102) 300# 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 MAX. EXCHANGER LIFE, NO EXTERNAL FORCES APPLY.  
 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 KP <sub>a</sub>	300 PSIG	2068 KP <sub>a</sub>
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 KP <sub>a</sub>	450 PSIG	3102 KP <sub>a</sub>
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-1D-2P-4(6)	REV.
DATE: 03 / 07 / 01 BY: J.R.	TORONTO - CANADA TEL: (416) 755-2291	MONTREAL - CANADA TEL: (514) 421-2424	BUFFALO - N. Y. TEL: (716) 693-8013	COLCHESTER - U.K. TEL: (44) 120-657-9491		