



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-123-4*-3	41 3/4	1060	24 1/2	622	13 3/4	349	38	965	4	102	4	102
W3H-124-4*-3	53 3/4	1365	36 1/2	927	25 3/4	654	50	1270	4	102	4	102
W3H-125-4*-3	65 3/4	1670	48 1/2	1232	37 3/4	959	62	1574	4	102	4	102
W3H-126-4*-3	77 3/4	1975	60 1/2	1537	49 3/4	1264	74	1879	4	102	4	102
W3H-127-4*-3	89 3/4	2280	72 1/2	1842	61 3/4	1568	86	2184	4	102	4	102
W3H-128-4*-3	101 3/4	2584	84 1/2	2146	73 3/4	1873	98	2489	4	102	4	102
W3H-129-4*-3	113 3/4	2889	96 1/2	2451	85 3/4	2178	110	2794	4	102	4	102
W3H-1210-4*-3	125 3/4	3194	108 1/2	2756	97 3/4	2483	122	3098	4	102	4	102
W3H-1211-4*-3	137 3/4	3499	120 1/2	3061	109 3/4	2788	134	3403	4	102	4	102
W3H-1212-4*-3	149 3/4	3804	132 1/2	3366	121 3/4	3092	146	3708	4	102	4	102
W3H-1213-4*-3	161 3/4	4108	144 1/2	3670	133 3/4	3397	158	4013	4	102	4	102
W3H-1214-4*-3	173 3/4	4413	156 1/2	3975	145 3/4	3702	170	4318	4	102	4	102
W3H-1215-4*-3	185 3/4	4718	168 1/2	4280	157 3/4	4007	182	4623	4	102	4	102

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	3 (76) NPT
OUTLET	N2	AS PER TABLE	N6	3 (76) NPT
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 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 DIMN'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-12-4P-3(4)	REV.
DATE:	04 / 20 / 01	BY:	J.R.	TORONTO - CANADA	MONTREAL - CANADA	BUFFALO - N. Y.	COLCHESTER - U.K.	
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