



DIMENSIONS SHOWN AS: inches (mm)

HOLES (TYP.)

EXCHANGER SIZE *-BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W3H-42-2*-3	27 3/4	705	16 1/2	419	9 3/4	248	26	660	2	51	2	51
W3H-43-2*-3	39 3/4	1010	28 1/2	724	21 3/4	552	38	965	2	51	2	51
W3H-44-2*-3	51 3/4	1315	40 1/2	1029	33 3/4	857	50	1270	2	51	2	51
W3H-45-2*-3	63 3/4	1620	52 1/2	1334	45 3/4	1162	62	1575	2	51	2	51
W3H-46-2*-3	75 3/4	1924	64 1/2	1638	57 3/4	1467	74	1879	2	51	2	51
W3H-47-2*-3	87 3/4	2229	76 1/2	1943	69 3/4	1772	86	2184	2	51	2	51
W3H-48-2*-3	99 3/4	2534	88 1/2	2248	81 3/4	2076	98	2489	2	51	2	51
W3H-49-2*-3	111 3/4	2839	100 1/2	2553	93 3/4	2381	110	2794	2	51	2	51
W3H-410-2*-3	123 3/4	3144	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 1/4 (32) NPT
OUTLET	(N2)	AS PER TABLE	(N6)	1 1/4 (32) NPT
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 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	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-4-2P-3(2)	REV.
DATE: 11 / 09 / 00 BY: J.R.	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		