



EXCHANGER SIZE *—BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W3H-102-4*-4	38 3/4	984	13	330	—	—	26	660	4	102	4	102
W3H-103-4*-4	50 3/4	1289	25	635	14 3/4	375	38	965	4	102	4	102
W3H-104-4*-4	62 3/4	1594	37	940	26 3/4	679	50	1270	4	102	4	102
W3H-105-4*-4	74 3/4	1898	49	1245	38 3/4	984	62	1574	4	102	4	102
W3H-106-4*-4	86 3/4	2203	61	1549	50 3/4	1289	74	1879	4	102	4	102
W3H-107-4*-4	98 3/4	2508	73	1854	62 3/4	1594	86	2184	4	102	4	102
W3H-108-4*-4	110 3/4	2813	85	2159	74 3/4	1899	98	2489	4	102	4	102
W3H-109-4*-4	122 3/4	3118	97	2464	86 3/4	2203	110	2794	4	102	4	102
W3H-1010-4*-4	134 3/4	3422	109	2769	98 3/4	2508	122	3098	4	102	4	102
W3H-1011-4*-4	146 3/4	3727	121	3073	110 3/4	2813	134	3403	4	102	4	102
W3H-1012-4*-4	158 3/4	4032	133	3378	122 3/4	3118	146	3708	4	102	4	102
W3H-1013-4*-4	170 3/4	4337	145	3683	134 3/4	3423	158	4013	4	102	4	102
W3H-1014-4*-4	182 3/4	4642	157	3988	146 3/4	3727	170	4318	4	102	4	102
W3H-1015-4*-4	194 3/4	4946	169	4293	158 3/4	4032	182	4623	4	102	4	102

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	3 (76) 300# FLG.
OUTLET	N2	AS PER TABLE	N6	3 (76) 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 MAX. EXCHANGER LIFE, NO EXTERNAL 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 _a	300 PSIG	2068 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	450 PSIG	3102 KP _a	450 PSIG	3102 KP _a
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-10-4P-4(4)	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) 693-8813	DOLCHESTER - U.K. TEL: (44) 120-657-9491		