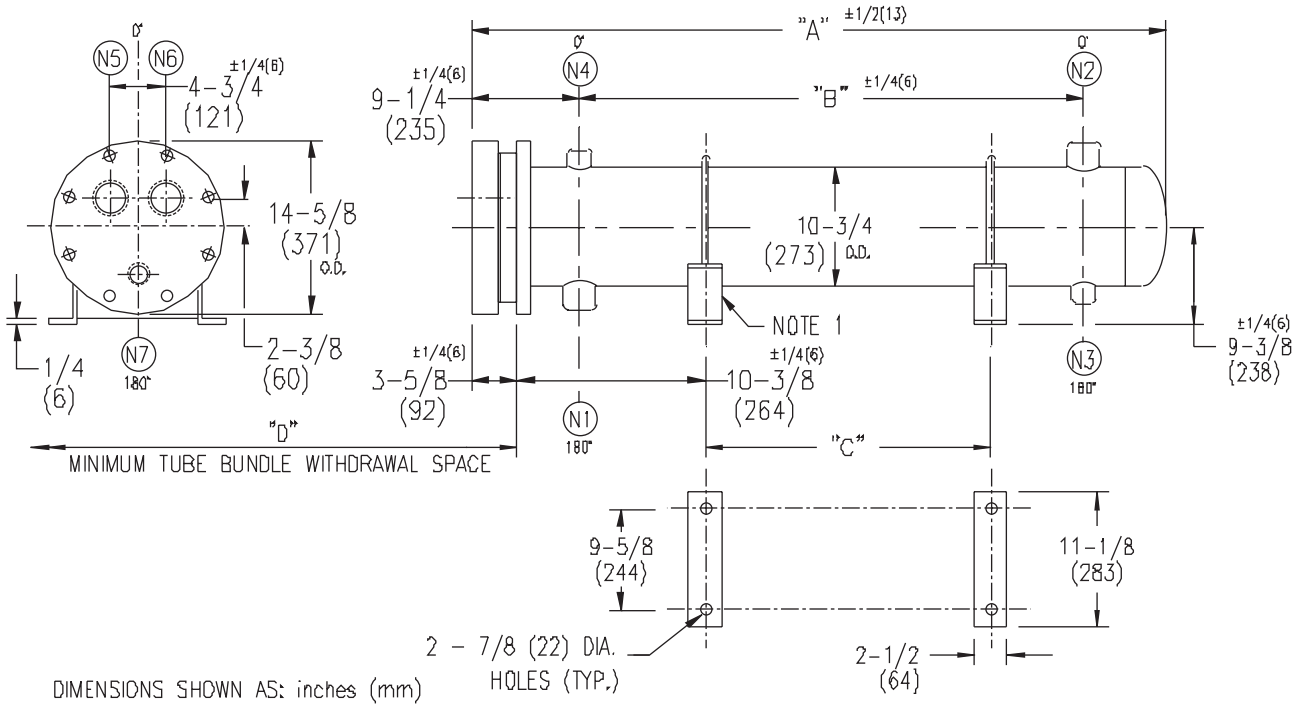
ARMSTRONG®



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
*-BAFFLE SPACING	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W3H-102-4*-3	30	762	14	356	6 3/4	171	26	660	3	76	3	76
W3H-103-4*-3	42	1067	26	661	18 3/4	476	38	965	3	76	3	76
W3H-104-4*-3	54	1372	38	966	30 3/4	781	50	1270	3	76	3	76
W3H-105-4*-3	66	1676	50	1270	42 3/4	1085	62	1574	3	76	3	76
W3H-106-4*-3	78	1981	62	1575	54 3/4	1390	74	1879	3	76	3	76
W3H-107-4*-3	90	2286	74	1880	66 3/4	1695	86	2184	3	76	3	76
W3H-108-4*-3	102	2591	86	2185	78 3/4	2000	98	2489	3	76	3	76
W3H-109-4*-3	114	2896	98	2490	90 3/4	2305	110	2794	3	76	3	76
W3H-1010-4*-3	126	3200	110	2794	102 3/4	2609	122	3098	3	76	3	76
W3H-1011-4*-3	138	3505	122	3099	114 3/4	2914	134	3403	3	76	3	76
W3H-1012-4*-3	150	3810	134	3404	126 3/4	3219	146	3708	3	76	3	76
W3H-1013-4*-3	162	4115	146	3709	138 3/4	3524	158	4013	3	76	3	76
W3H-1014-4*-3	174	4420	158	4014	150 3/4	3829	170	4318	3	76	3	76
W3H-1015-4*-3	186	4724	170	4318	162 3/4	4134	182	4623	3	76	3	76

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

DATE: 03 /06 /01 BY: J.R.

A R M S T R O N G

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MONTREAL - CANADA TEL : (514) 421-2424
BUFFALO - N. Y. TEL: (716) 693-8813
COLCHESTER - U.K. TEL: (44) 120-657-9491

NUMBER W3H-10-4P-3(3)

REV.

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