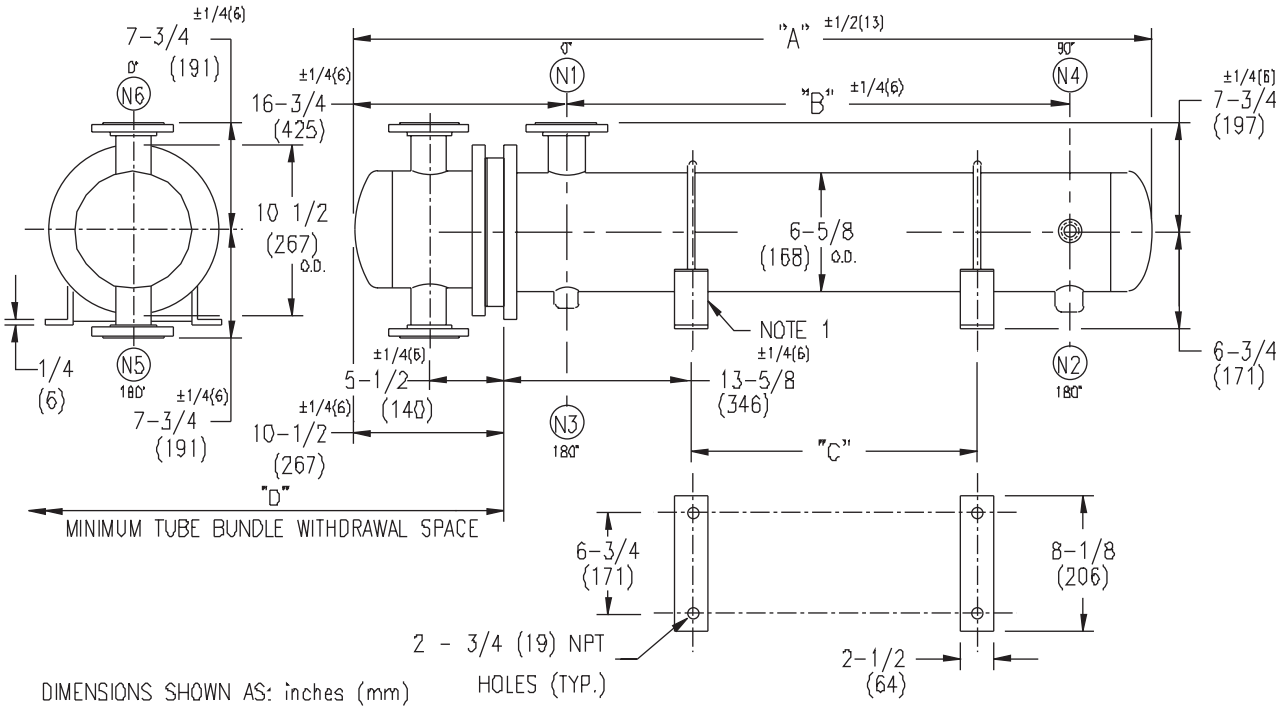
ARMSTRONG®



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
*-BAFFLE SPACING	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WS3H-69-2*-4	120 1/8	3051	98 1/4	2496	87 5/8	2226	110	2794	4	102	1-1/4	32
WS3H-610-2*-4	132 1/8	3356	110 1/4	2800	99 5/8	2530	122	3098	4	102	1-1/4	32
WS3H-611-2*-4	144 1/8	3661	122 1/4	3105	111 5/8	2835	134	3403	4	102	1-1/4	32
WS3H-612-2*-4	156 1/8	3966	134 1/4	3410	123 5/8	3140	146	3708	4	102	1-1/4	32

NOZZLE SCHEDULE

SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	2 (51) 300# FLG.
OUTLET	N2	AS PER TABLE	N6	2 (51) 300# FLG.
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 TO 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	STEAM		WATER	

CUSTOMER:
LOCATION:
ENGINEER:
ORDER No.:
PROJECT/JOB:
LOCATION:
TAG: (QUOTE #)

TITLE C.A. 300 LB. WS SERIES HEAT EXCHANGERS

DATE: 12 /08 /00 BY: J.R.

A R M S T R O N G

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BUFFALO - N. Y. TEL: (716) 693-8813
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NUMBER WS3H-6-2P-4(4)

REV.

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