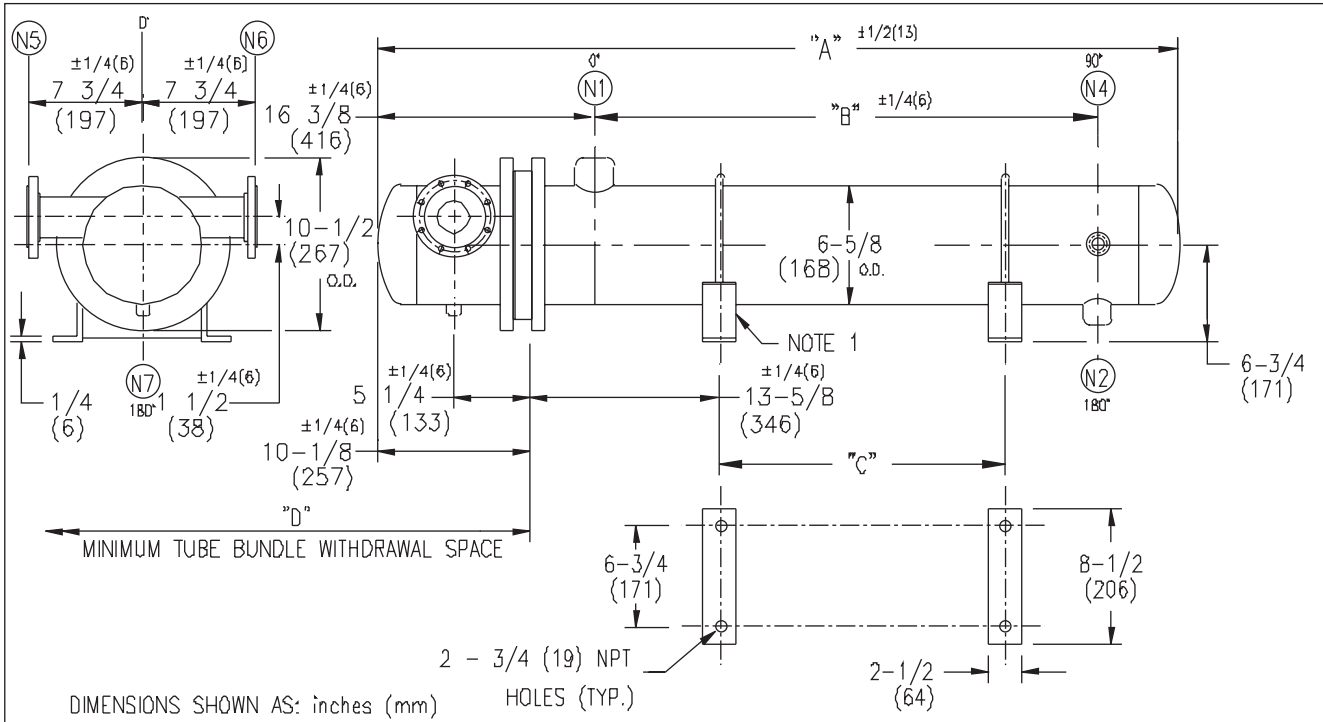


ARMSTRONG®



EXCHANGER SIZE *BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WS3H-62-4*-4	35 3/4	908	14 1/4	362	6 3/4	171	26	660	1-1/2	38	1	25
WS3H-63-4*-4	47 3/4	1213	26 1/4	667	18 3/4	476	38	965	2	51	1	25
WS3H-64-4*-4	59 3/4	1518	38 1/4	972	30 3/4	781	50	1270	2-1/2	64	1	25
WS3H-65-4*-4	71 3/4	1822	50 1/4	1276	42 3/4	1086	62	1574	2-1/2	64	1	25
WS3H-66-4*-4	83 3/4	2127	62 1/4	1581	54 3/4	1391	74	1879	3	76	1	25
WS3H-67-4*-4	95 3/4	2432	74 1/4	1886	66 3/4	1695	86	2184	3	76	1	25
WS3H-68-4*-4	107 3/4	2737	86 1/4	2191	78 3/4	2000	98	2489	3	76	1	25

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.
DRAIN			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, NOEXTERNAL FORCES 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 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 G.A. 300 LB. WS SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER WS3H-6-4P-4(3)	REV.
DATE: 12 / 08 / 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		