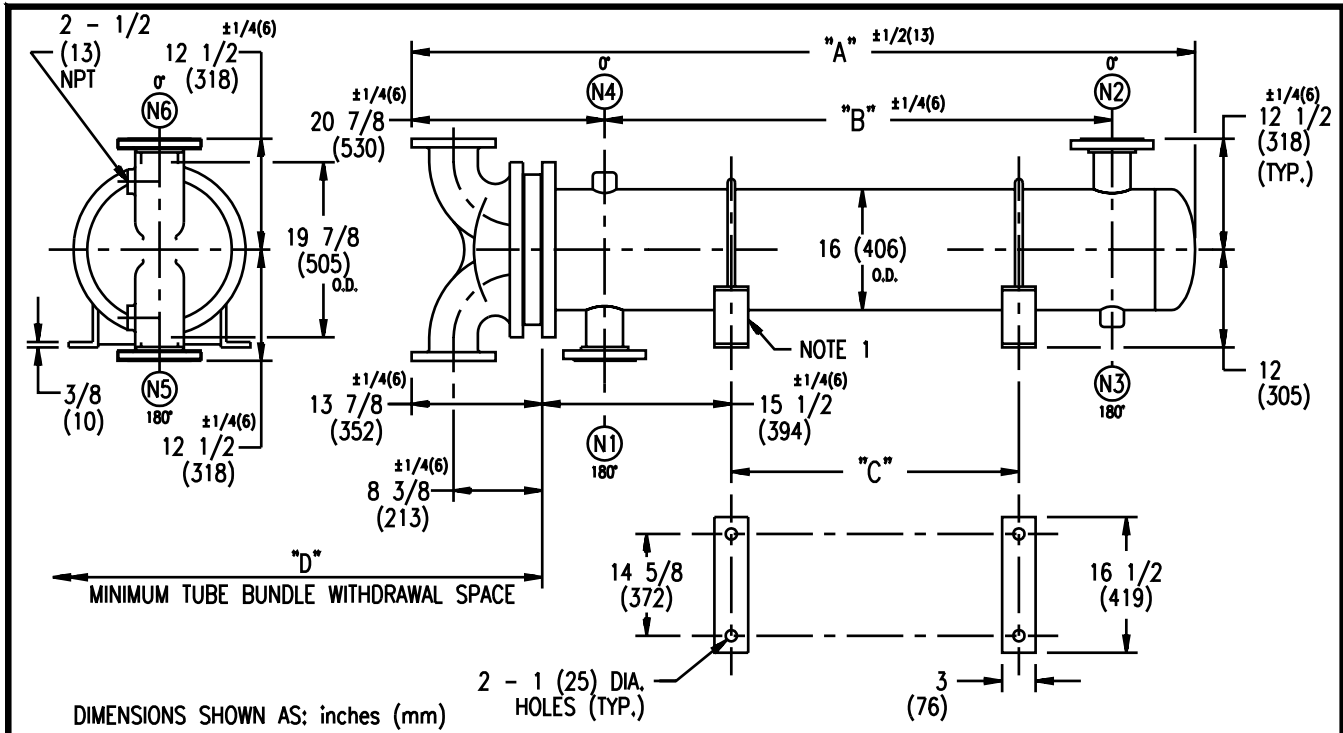


ARMSTRONG®



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE *BAFFLE SPACING	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
W-163-2*-2	51 7/8	1318	22-1/2	572	8	203	38	965	6	152	6	152
W-164-2*-2	63 7/8	1622	34 1/2	876	20	508	50	1270	6	152	6	152
W-165-2*-2	75 7/8	1927	46 1/2	1181	32	813	62	1575	6	152	6	152
W-166-2*-2	87 7/8	2232	58 1/2	1486	44	1118	74	1880	6	152	6	152
W-167-2*-2	99 7/8	2537	70 1/2	1791	56	1422	86	2184	6	152	6	152
W-168-2*-2	111 7/8	2842	82 1/2	2096	68	1727	98	2489	6	152	6	152
W-169-2*-2	123 7/8	3146	94 1/2	2400	80	2032	110	2794	6	152	6	152
W-1610-2*-2	135 7/8	3451	106 1/2	2705	92	2337	122	3099	6	152	6	152
W-1611-2*-2	147 7/8	3756	118 1/2	3010	104	2642	134	3404	6	152	6	152
W-1612-2*-2	159 7/8	4061	130 1/2	3315	116	2946	146	3708	6	152	6	152
W-1613-2*-2	171 7/8	4366	142 1/2	3620	128	3251	158	4013	6	152	6	152
W-1614-2*-2	183 7/8	4670	154 1/2	3924	140	3556	170	4318	6	152	6	152
W-1615-2*-2	195 7/8	4975	166 1/2	4229	152	3861	182	4623	6	152	6	152

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	(N1)	AS PER TABLE	(N5)	6 (152) FLG
OUTLET	(N2)	AS PER TABLE	(N6)	6 (152) FLG
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	150 PSIG	1034 KPa	150 PSIG	1034 KPa
DESIGN TEMPERATURE	375 °F	191 °C	375 °F	191 °C
MIN. DESIGN METAL TEMP.	40 °F	4.4 °C	40 °F	4.4 °C
HYDRO. TEST PRESSURE	225 PSIG	1551 KPa	300 PSIG	2068 KPa
CONTENTS	WATER		WATER	

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

TITLE	G.A. 150 LB. W SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER	W-16-2P-2(6)	REV.			
DATE:	12 / 01 / 94	BY:	D.C.R.	TEL :	(416) 755-2291	TEL :	(514) 421-2424	TEL :	(716) 693-8813	TEL :	(44) 120-657-9491