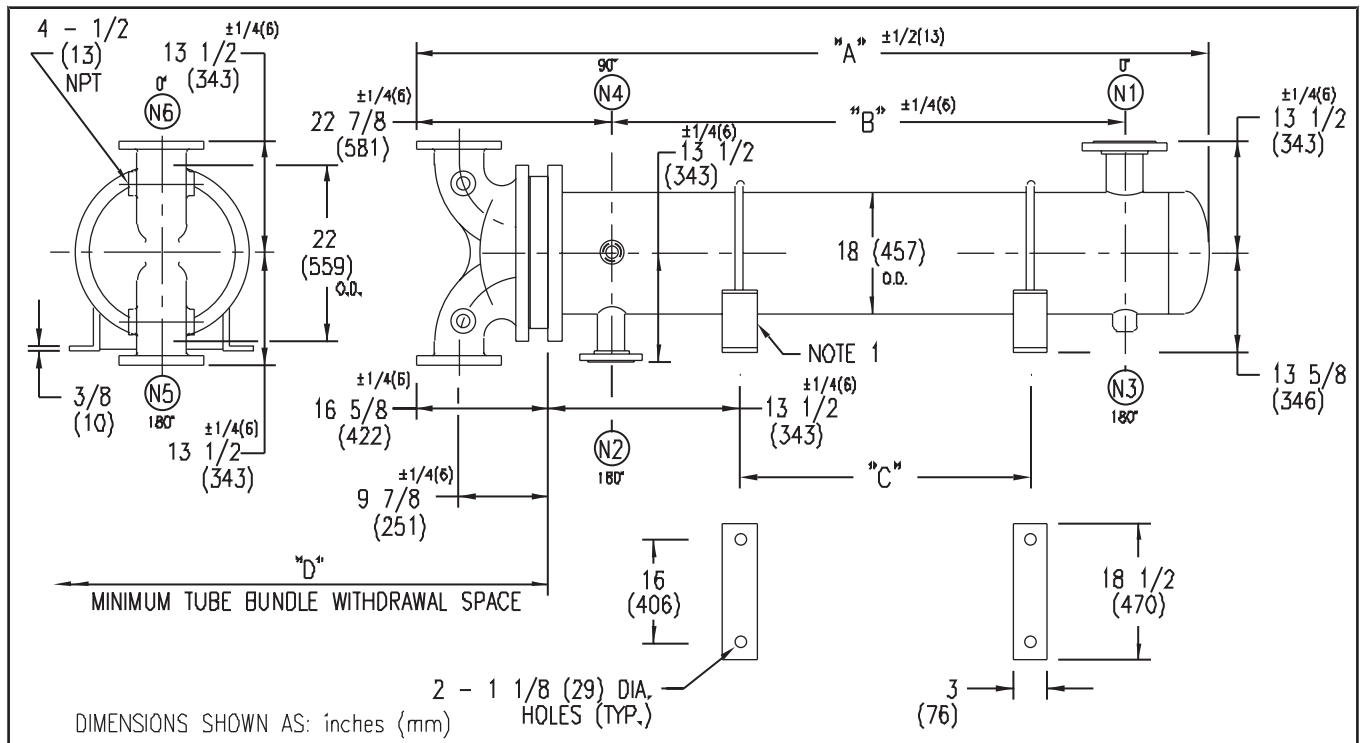


ARMSTRONG®



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WS-183-2E2	70 7/8	1800	36 5/8	930	21 3/4	552	38	965	10	254	4	102
WS-184-2E2	82 7/8	2105	48 5/8	1235	33 3/4	857	50	1270	10	254	4	102
WS-185-2E2	94 7/8	2410	60 5/8	1540	45 3/4	1162	62	1575	10	254	4	102
WS-186-2E2	106 7/8	2715	72 5/8	1845	57 3/4	1467	74	1880	10	254	4	102
WS-187-2E2	118 7/8	3019	84 5/8	2149	69 3/4	1772	86	2184	10	254	4	102
WS-188-2E2	130 7/8	3324	96 5/8	2454	81 3/4	2076	98	2489	10	254	4	102
WS-189-2E2	142 7/8	3629	108 5/8	2759	93 3/4	2381	110	2794	10	254	4	102
WS-1810-2E2	154 7/8	3934	120 5/8	3064	105 3/4	2686	122	3099	10	254	4	102
WS-1811-2E2	166 7/8	4239	132 5/8	3369	117 3/4	2991	134	3404	10	254	4	102
WS-1812-2E2	178 7/8	4543	144 5/8	3673	129 3/4	3296	146	3708	10	254	4	102
WS-1813-2E2	190 7/8	4848	156 5/8	3978	141 3/4	3600	158	4013	10	254	4	102
WS-1814-2E2	202 7/8	5153	168 5/8	4283	153 3/4	3905	170	4318	10	254	4	102
WS-1815-2E2	214 7/8	5458	180 5/8	4588	165 3/4	4210	182	4623	10	254	4	102

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	8 (203) FLG
OUTLET	N2	AS PER TABLE	N6	8 (203) FLG
DRAIN	N3	3/4 (19) 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	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	STEAM		WATER	

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

TITLE G.A. 150 LB. WSX SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER WS-18-2P-E2	REV. A
DATE: 06/06/97 BY: D.C.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		