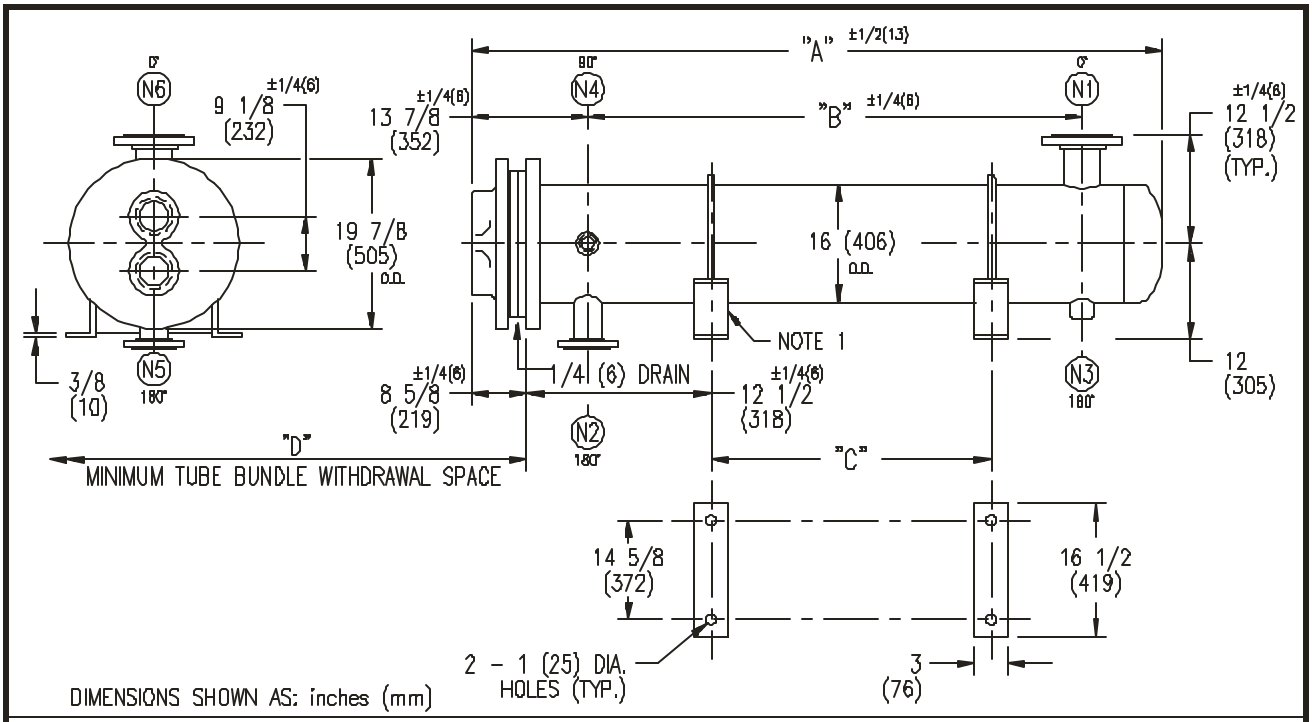
ARMSTRONG®



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-168-2E1	121 5/8	3089	97 1/4	2470	83	2108	100	2540	10	254	3	76
WSX-169-2E1	133 5/8	3394	109 1/4	2775	95	2413	112	2845	10	254	3	76
WSX-1610-2E1	145 5/8	3699	121 1/4	3080	107	2718	124	3150	10	254	3	76
WSX-1611-2E1	157 5/8	4004	133 1/4	3385	119	3023	136	3454	10	254	3	76
WSX-1612-2E1	169 5/8	4308	145 1/4	3689	131	3327	148	3759	10	254	3	76
WSX-1613-2E1	181 5/8	4613	157 1/4	3994	143	3632	160	4064	10	254	3	76
WSX-1614-2E1	193 5/8	4918	169 1/4	4299	155	3937	172	4369	10	254	3	76
WSX-1615-2E1	205 5/8	5223	181 1/4	4604	167	4242	184	4674	10	254	3	76

NOZZLE SCHEDULE

SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	6 (152) NPT
OUTLET	N2	AS PER TABLE	N6	6 (152) NPT
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 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	125 PSIG	862 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	250 PSIG	1723 KPa
CONTENTS	STEAM		WATER	

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

TITLE G.A. 150 LB. WS SERIES HEAT EXCHANGERS
DATE 11 / 08 / 01 BY: J.R.

A R M S T R O N G
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

NUMBER WSX-16-2P-E1(10)
REV.