



DIMENSIONS SHOWN AS: inches (mm)

2 - 1 1/8 (29) DIA. HOLES (TYP.)

(76)

EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		(N1)		(N2)	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-183-4E4	74 1/8	1883	36 5/8	930	21 3/4	552	40	1016	10	254	4	102
WSX-184-4E4	86 1/8	2188	48 5/8	1235	33 3/4	857	52	1321	10	254	4	102
WSX-185-4E4	98 1/8	2492	60 5/8	1540	45 3/4	1162	64	1626	10	254	4	102
WSX-186-4E4	110 1/8	2797	72 5/8	1845	57 3/4	1467	76	1930	10	254	4	102
WSX-187-4E4	122 1/8	3102	84 5/8	2149	69 3/4	1772	88	2235	10	254	4	102
WSX-188-4E4	134 1/8	3407	96 5/8	2454	81 3/4	2076	100	2540	10	254	4	102
WSX-189-4E4	146 1/8	3712	108 5/8	2759	93 3/4	2381	112	2845	10	254	4	102
WSX-1810-4E4	158 1/8	4016	120 5/8	3064	105 3/4	2686	124	3150	10	254	4	102
WSX-1811-4E4	170 1/8	4321	132 5/8	3369	117 3/4	2991	136	3454	10	254	4	102
WSX-1812-4E4	182 1/8	4626	144 5/8	3673	129 3/4	3296	148	3759	10	254	4	102
WSX-1813-4E4	194 1/8	4931	156 5/8	3978	141 3/4	3600	160	4064	10	254	4	102
WSX-1814-4E4	206 1/8	5236	168 5/8	4283	153 3/4	3905	172	4369	10	254	4	102
WSX-1815-4E4	218 1/8	5540	180 5/8	4588	165 3/4	4210	184	4674	10	254	4	102

NOZZLE SCHEDULE

SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	(N1)	AS PER TABLE	(N5)	4 (102) FLG
OUTLET	(N2)	AS PER TABLE	(N6)	4 (102) FLG
DRAIN	(N3)	3/4 (19) NPT	(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 MAXIMUM EXCHANGER LIFE.
 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	
	PSIG	KPa	PSIG	KPa
DESIGN PRESSURE	150	1034	150	1034
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	1551	225	1551
CONTENTS	STEAM		WATER	

CUSTOMER:

LOCATION:

ENGINEER:

ORDER No.:

PROJECT/JOB:

LOCATION:

TAG:

(QUOTE #)

TITLE	A R M S T R O N G				NUMBER	REV.
G.A. 150 LB. WSX SERIES HEAT EXCHANGERS	TORONTO - CANADA	MONTREAL - CANADA	BUFFALO - N. Y.	COLCHESTER - U.K.	WSX-18-4P-E4	
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		