



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-183-4-1	45 3/8	1153	18 1/2	470	4	102	40	1016	10	254	4	102
WSX-184-4-1	57 3/8	1457	30 1/2	775	16	406	52	1321	10	254	4	102
WSX-185-4-1	69 3/8	1762	42 1/2	1080	28	711	64	1626	10	254	4	102
WSX-186-4-1	81 3/8	2067	54 1/2	1384	40	1016	76	1930	10	254	4	102
WSX-187-4-1	93 3/8	2372	66 1/2	1689	52	1321	88	2235	10	254	4	102
WSX-188-4-1	105 3/8	2677	78 1/2	1994	64	1626	100	2540	10	254	4	102
WSX-189-4-1	117 3/8	2981	90 1/2	2299	76	1930	112	2845	10	254	4	102
WSX-1810-4-1	129 3/8	3286	102 1/2	2604	88	2235	124	3150	10	254	4	102
WSX-1811-4-1	141 3/8	3591	114 1/2	2908	100	2540	136	3454	10	254	4	102
WSX-1812-4-1	153 3/8	3896	126 1/2	3213	112	2845	148	3759	10	254	4	102
WSX-1813-4-1	165 3/8	4201	138 1/2	3518	124	3150	160	4064	10	254	4	102
WSX-1814-4-1	177 3/8	4505	150 1/2	3823	136	3454	172	4369	10	254	4	102
WSX-1815-4-1	189 3/8	4810	162 1/2	4128	148	3759	184	4674	10	254	4	102

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	(N1)	AS PER TABLE	(N5)	4 (102) NPT
OUTLET	(N2)	AS PER TABLE	(N6)	4 (102) NPT
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 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. WSX SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER WSX-18-4P-1	REV.
DATE: 12 / 01 / 94 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		