



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
WSX-102-4E1	42 7/8	1089	24 1/2	622	15 1/4	387	28	711	4	102	1 1/2	38
WSX-103-4E1	54 7/8	1394	36 1/2	927	27 1/4	692	40	1016	4	102	1 1/2	38
WSX-104-4E1	66 7/8	1699	48 1/2	1232	39 1/4	997	52	1321	6	152	2	51
WSX-105-4E1	78 7/8	2003	60 1/2	1537	51 1/4	1302	64	1626	6	152	2	51
WSX-106-4E1	90 7/8	2308	72 1/2	1842	63 1/4	1607	76	1930	6	152	2	51
WSX-107-4E1	102 7/8	2613	84 1/2	2146	75 1/4	1911	88	2235	6	152	2	51
WSX-108-4E1	114 7/8	2918	96 1/2	2451	87 1/4	2216	100	2540	6	152	2	51
WSX-109-4E1	126 7/8	3223	108 1/2	2756	99 1/4	2521	112	2845	6	152	2	51
WSX-1010-4E1	138 7/8	3527	120 1/2	3061	111 1/4	2826	124	3150	6	152	2	51
WSX-1011-4E1	150 7/8	3832	132 1/2	3366	123 1/4	3131	136	3454	6	152	2	51
WSX-1012-4E1	162 7/8	4137	144 1/2	3670	135 1/4	3435	148	3759	6	152	2	51
WSX-1013-4E1	174 7/8	4442	156 1/2	3975	147 1/4	3740	160	4064	6	152	2	51
WSX-1014-4E1	186 7/8	4747	168 1/2	4280	159 1/4	4045	172	4369	6	152	2	51
WSX-1015-4E1	198 7/8	5051	180 1/2	4585	171 1/4	4350	184	4674	6	152	2	51

NOZZLE SCHEDULE

SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	(N1)	AS PER TABLE	(N5)	3 (76) NPT
OUTLET	(N2)	AS PER TABLE	(N6)	3 (76) NPT
DRAIN	(N3)	1/2 (13) 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 $\pm 1/8 (3)$ 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.	35 °F	1.7 °C	35 °F	1.7 °C
HYDRO. TEST PRESSURE	225	1551	300	2068
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-10-4P-E1	REV.						
DATE:	12 / 01 / 94	BY:	D.C.R.	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