



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-42-4E1	36 1/4	921	23 1/4	591	16	406	27	686	2	51	1	25
WSX-43-4E1	48 1/4	1226	35 1/4	895	28	711	39	991	2	51	1	25
WSX-44-4E1	60 1/4	1530	47 1/4	1200	40	1016	51	1295	2	51	1	25
WSX-45-4E1	72 1/4	1835	59 1/4	1505	52	1321	63	1600	2 1/2	64	1 1/4	32
WSX-46-4E1	84 1/4	2140	71 1/4	1810	64	1626	75	1905	2 1/2	64	1 1/4	32
WSX-47-4E1	96 1/4	2445	83 1/4	2115	76	1930	87	2210	2 1/2	64	1 1/4	32
WSX-48-4E1	108 1/4	2750	95 1/4	2419	88	2235	99	2515	2 1/2	64	1 1/4	32
WSX-49-4E1	120 1/4	3054	107 1/4	2724	100	2540	111	2819	2 1/2	64	1 1/4	32
WSX-410-4E1	132 1/4	3359	119 1/4	3029	112	2845	123	3124	2 1/2	64	1 1/4	32
WSX-411-4E1	144 1/4	3664	131 1/4	3334	124	3150	135	3429	2 1/2	64	1 1/4	32
WSX-412-4E1	156 1/4	3969	143 1/4	3639	136	3454	147	3733	2 1/2	64	1 1/4	32

### NOZZLE SCHEDULE

SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	(N1)	AS PER TABLE	(N5)	1(25)NPT
OUTLET	(N2)	AS PER TABLE	(N6)	1 (25) NPT
DRAIN			(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  $\pm 1/8$  (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	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	WSX-4-4P-E1	