



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-143-2E1	58 3/8	1483	37	940	26	660	40	1016	6	152	2	51
WSX-144-2E1	70 3/8	1788	49	1245	38	965	52	1321	6	152	2	51
WSX-145-2E1	82 3/8	2092	61	1549	50	1270	64	1626	8	203	2 1/2	64
WSX-146-2E1	94 3/8	2397	73	1854	62	1575	76	1930	8	203	2 1/2	64
WSX-147-2E1	106 3/8	2702	85	2159	74	1880	88	2235	8	203	2 1/2	64
WSX-148-2E1	118 3/8	3007	97	2464	86	2184	100	2540	8	203	2 1/2	64
WSX-149-2E1	130 3/8	3312	109	2769	98	2489	112	2845	8	203	2 1/2	64
WSX-1410-2E1	142 3/8	3616	121	3073	110	2794	124	3150	8	203	2 1/2	64
WSX-1411-2E1	154 3/8	3921	133	3378	122	3099	136	3454	8	203	2 1/2	64
WSX-1412-2E1	166 3/8	4226	145	3683	134	3404	148	3759	8	203	2 1/2	64
WSX-1413-2E1	178 3/8	4531	157	3988	146	3708	160	4064	8	203	2 1/2	64
WSX-1414-2E1	190 3/8	4836	169	4293	158	4013	172	4369	8	203	2 1/2	64
WSX-1415-2E1	202 3/8	5140	181	4597	170	4318	184	4674	8	203	2 1/2	64

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 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	
	DESIGN PRESSURE	150 PSIG	1034 KPa	125 PSIG
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-14-2P-E1	REV.	
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		