



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-143-4E1	57 3/4	1467	37	940	26	660	40	1016	6	152	2	51
WSX-144-4E1	69 3/4	1772	49	1245	38	965	52	1321	6	152	2	51
WSX-145-4E1	81 3/4	2076	61	1549	50	1270	64	1626	8	203	2 1/2	64
WSX-146-4E1	93 3/4	2381	73	1854	62	1575	76	1930	8	203	2 1/2	64
WSX-147-4E1	105 3/4	2686	85	2159	74	1880	88	2235	8	203	2 1/2	64
WSX-148-4E1	117 3/4	2991	97	2464	86	2184	100	2540	8	203	2 1/2	64
WSX-149-4E1	129 3/4	3296	109	2769	98	2489	112	2845	8	203	2 1/2	64
WSX-1410-4E1	141 3/4	3600	121	3073	110	2794	124	3150	8	203	2 1/2	64
WSX-1411-4E1	153 3/4	3905	133	3378	122	3099	136	3454	8	203	2 1/2	64
WSX-1412-4E1	165 3/4	4210	145	3683	134	3404	148	3759	8	203	2 1/2	64
WSX-1413-4E1	177 3/4	4515	157	3988	146	3708	160	4064	8	203	2 1/2	64
WSX-1414-4E1	189 3/4	4820	169	4293	158	4013	172	4369	8	203	2 1/2	64
WSX-1415-4E1	201 3/4	5124	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	4 (102) NPT
OUTLET	N2	AS PER TABLE	N6	4 (102) 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	
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-14-4P-E1	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		