



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-85-4E1	76 3/4	1949	60 1/2	1537	51	1295	63	1600	4	102	1	25
WSX-86-4E1	88 3/4	2254	72 1/2	1842	63	1600	75	1905	4	102	1 1/4	32
WSX-87-4E1	100 3/4	2559	84 1/2	2146	75	1905	87	2210	4	102	1 1/4	32
WSX-88-4E1	112 3/4	2864	96 1/2	2451	87	2210	99	2515	6	152	1 1/4	32
WSX-89-4E1	124 3/4	3169	108 1/2	2756	99	2515	111	2819	6	152	1 1/4	32
WSX-810-4E1	136 3/4	3473	120 1/2	3061	111	2819	123	3124	6	152	1 1/4	32
WSX-811-4E1	148 3/4	3778	132 1/2	3366	123	3124	135	3429	6	152	1 1/4	32
WSX-812-4E1	160 3/4	4083	144 1/2	3670	135	3429	147	3734	6	152	1 1/4	32
WSX-813-4E1	172 3/4	4388	156 1/2	3975	147	3734	159	4039	6	152	1 1/4	32
WSX-814-4E1	184 3/4	4693	168 1/2	4280	159	4039	171	4343	6	152	1 1/4	32

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	2 (51) NPT
OUTLET	N2	AS PER TABLE	N6	2 (51) NPT
DRAIN			N7	1/2 (13) NPT
VENT	N4	3/4 (19) NPT		

NOTES:

- SUPPORTS SUPPLIED ONLY IF SPECIFIED ON ORDER.
- NOZZLE SIZES SHOWN ARE RECOMMENDED FOR MAXIMUM EXCHANGER LIFE.
- FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.
- DRAWING IS NOT TO SCALE.
- ALL DIM'S $\pm 1/8$ (3) UNLESS OTHERWISE SHOWN.

DESIGN CONDITIONS				
	SHELL		TUBES	
DESIGN PRESSURE	150 PSIG	1034 KPa	150 PSIG	1034 KPa
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 PSIG	1551 KPa	300 PSIG	2068 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-8-4P-E1-(6)	REV.
DATE:	12 / 01 / 94	BY:	D.C.R.	TORONTO - CANADA	MONTREAL - CANADA	BUFFALO - N. Y.	COLCHESTER - U.K.	
				TEL: (416) 755-2291	TEL: (514) 421-2424	TEL: (716) 693-8813	TEL: (44) 120-657-9491	