



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-85-4E4	84 1/8	2137	60 1/2	1537	51	1295	63	1600	4	102	1	25
WSX-86-4E4	96 1/8	2442	72 1/2	1842	63	1600	75	1905	4	102	1 1/4	32
WSX-87-4E4	108 1/8	2746	84 1/2	2146	75	1905	87	2210	4	102	1 1/4	32
WSX-88-4E4	120 1/8	3051	96 1/2	2451	87	2210	99	2515	6	152	1 1/4	32
WSX-89-4E4	132 1/8	3356	108 1/2	2756	99	2515	111	2819	6	152	1 1/4	32
WSX-810-4E4	144 1/8	3661	120 1/2	3061	111	2819	123	3124	6	152	1 1/4	32
WSX-811-4E4	156 1/8	3966	132 1/2	3366	123	3124	135	3429	6	152	1 1/4	32
WSX-812-4E4	168 1/8	4270	144 1/2	3670	135	3429	147	3734	6	152	1 1/4	32
WSX-813-4E4	180 1/8	4575	156 1/2	3975	147	3734	159	4039	6	152	1 1/4	32
WSX-814-4E4	192 1/8	4880	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) FLG
OUTLET	N2	AS PER TABLE	N6	2 (51) FLG
DRAIN	N3	1/2 (13) NPT	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	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	225 PSIG	1551 KPa
CONTENTS	STEAM		WATER	

CUSTOMER:  
 LOCATION:  
 ENGINEER:  
 ORDER No.:  
 PROJECT/JOB:  
 LOCATION:  
 TAG: (QUOTE # )

TITLE	A R M S T R O N G				NUMBER	REV.
G.A. 150 LB. WSX SERIES HEAT EXCHANGERS	TORONTO - CANADA	MONTREAL - CANADA	BUFFALO - N. Y.	COLCHESTER - U.K.	WSX-8-4P-E4-(6)	
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		