



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-85-4E3	76	1930	60 1/2	1537	51	1295	64	1626	4	102	1	25
WSX-86-4E3	88	2235	72 1/2	1842	63	1600	76	1930	4	102	1 1/4	32
WSX-87-4E3	100	2540	84 1/2	2146	75	1905	88	2235	4	102	1 1/4	32
WSX-88-4E3	112	2845	96 1/2	2451	87	2210	100	2540	6	152	1 1/4	32
WSX-89-4E3	124	3150	108 1/2	2756	99	2515	112	2845	6	152	1 1/4	32
WSX-810-4E3	136	3454	120 1/2	3061	111	2819	124	3150	6	152	1 1/4	32
WSX-811-4E3	148	3759	132 1/2	3366	123	3124	136	3454	6	152	1 1/4	32
WSX-812-4E3	160	4064	144 1/2	3670	135	3429	148	3759	6	152	1 1/4	32
WSX-813-4E3	172	4369	156 1/2	3975	147	3734	160	4064	6	152	1 1/4	32
WSX-814-4E3	184	4674	168 1/2	4280	159	4039	172	4369	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: 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 ±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	G.A. 150 LB. WSX SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER	WSX-8-4P-E3-(6)	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