



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-123-4-4	52 1/4	1327	22 3/4	578	12 1/2	318	40	1016	6	152	2	51
WSX-124-4-4	64 1/4	1632	34 3/4	883	24 1/2	622	52	1321	6	152	2	51
WSX-125-4-4	76 1/4	1937	46 3/4	1187	36 1/2	927	64	1626	6	152	2	51
WSX-126-4-4	88 1/4	2242	58 3/4	1492	48 1/2	1232	76	1930	6	152	2	51
WSX-127-4-4	100 1/4	2546	70 3/4	1797	60 1/2	1537	88	2235	8	203	2 1/2	64
WSX-128-4-4	112 1/4	2851	82 3/4	2102	72 1/2	1842	100	2540	8	203	2 1/2	64
WSX-129-4-4	124 1/4	3156	94 3/4	2407	84 1/2	2146	112	2845	8	203	2 1/2	64
WSX-1210-4-4	136 1/4	3461	106 3/4	2711	96 1/2	2451	124	3150	8	203	2 1/2	64
WSX-1211-4-4	148 1/4	3766	118 3/4	3016	108 1/2	2756	136	3454	8	203	2 1/2	64
WSX-1212-4-4	160 1/4	4070	130 3/4	3321	120 1/2	3061	148	3759	8	203	2 1/2	64
WSX-1213-4-4	172 1/4	4375	142 3/4	3626	132 1/2	3366	160	4064	8	203	2 1/2	64
WSX-1214-4-4	184 1/4	4680	154 3/4	3931	144 1/2	3670	172	4369	8	203	2 1/2	64
WSX-1215-4-4	196 1/4	4985	166 3/4	4235	156 1/2	3975	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) FLG
OUTLET	(N2)	AS PER TABLE	(N6)	4 (102) FLG
DRAIN	(N3)	1/2 (13) NPT		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	G.A. 150 LB. WS SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER	WSX-12-4P-4	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