



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-102-4-4	39 3/4	1010	12 1/2	318	4 1/2	114	28	711	4	102	1 1/2	38
WSX-103-4-4	51 3/4	1314	24 1/2	622	16 1/2	419	40	1016	4	102	1 1/2	38
WSX-104-4-4	63 3/4	1619	36 1/2	927	28 1/2	724	52	1321	6	152	2	51
WSX-105-4-4	75 3/4	1924	48 1/2	1232	40 1/2	1029	64	1626	6	152	2	51
WSX-106-4-4	87 3/4	2229	60 1/2	1537	52 1/2	1334	76	1930	6	152	2	51
WSX-107-4-4	99 3/4	2534	72 1/2	1842	64 1/2	1638	88	2235	6	152	2	51
WSX-108-4-4	111 3/4	2838	84 1/2	2146	76 1/2	1943	100	2540	6	152	2	51
WSX-109-4-4	123 3/4	3143	96 1/2	2451	88 1/2	2248	112	2845	6	152	2	51
WSX-1010-4-4	135 3/4	3448	108 1/2	2756	100 1/2	2553	124	3150	6	152	2	51
WSX-1011-4-4	147 3/4	3753	120 1/2	3061	112 1/2	2858	136	3454	6	152	2	51
WSX-1012-4-4	159 3/4	4058	132 1/2	3366	124 1/2	3162	148	3759	6	152	2	51
WSX-1013-4-4	171 3/4	4362	144 1/2	3670	136 1/2	3467	160	4064	6	152	2	51
WSX-1014-4-4	183 3/4	4667	156 1/2	3975	148 1/2	3772	172	4369	6	152	2	51
WSX-1015-4-4	195 3/4	4972	168 1/2	4280	160 1/2	4077	184	4674	6	152	2	51

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	3 (76) FLG
OUTLET	N2	AS PER TABLE	N6	3 (76) FLG
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 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-10-4P-4	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		