



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-85-4-1	65 3/8	1661	49	1245	40 3/4	1035	63	1600	4	102	1	25
WSX-86-4-1	77 3/8	1965	61	1549	52 3/4	1340	75	1905	4	102	1 1/4	32
WSX-87-4-1	89 3/8	2270	73	1854	64 3/4	1645	87	2210	4	102	1 1/4	32
WSX-88-4-1	101 3/8	2575	85	2159	76 3/4	1949	99	2515	6	152	1 1/4	32
WSX-89-4-1	113 3/8	2880	97	2464	88 3/4	2254	111	2819	6	152	1 1/4	32
WSX-810-4-1	125 3/8	3185	109	2769	100 3/4	2559	123	3124	6	152	1 1/4	32
WSX-811-4-1	137 3/8	3489	121	3073	112 3/4	2864	135	3429	6	152	1 1/4	32
WSX-812-4-1	149 3/8	3794	133	3378	124 3/4	3169	147	3734	6	152	1 1/4	32
WSX-813-4-1	161 3/8	4099	145	3683	136 3/4	3473	159	4039	6	152	1 1/4	32
WSX-814-4-1	173 3/8	4404	157	3988	148 3/4	3778	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: 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	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-1-(6)	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		