



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-168-4E1	120 7/8	3070	97 1/4	2470	83	2108	100	2540	10	254	3	76
WSX-169-4E1	132 7/8	3375	109 1/4	2775	95	2413	112	2845	10	254	3	76
WSX-1610-4E1	144 7/8	3680	121 1/4	3080	107	2718	124	3150	10	254	3	76
WSX-1611-4E1	156 7/8	3985	133 1/4	3385	119	3023	136	3454	10	254	3	76
WSX-1612-4E1	168 7/8	4289	145 1/4	3689	131	3327	148	3759	10	254	3	76
WSX-1613-4E1	180 7/8	4594	157 1/4	3994	143	3632	160	4064	10	254	3	76
WSX-1614-4E1	192 7/8	4899	169 1/4	4299	155	3937	172	4369	10	254	3	76
WSX-1615-4E1	204 7/8	5204	181 1/4	4604	167	4242	184	4674	10	254	3	76

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	(N1)	AS PER TABLE	(N5)	4 (102) NPT
OUTLET	(N2)	AS PER TABLE	(N6)	4 (102) NPT
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 $\pm 1/8$ (3) UNLESS OTHERWISE SHOWN.

DESIGN CONDITIONS				
	SHELL		TUBES	
DESIGN PRESSURE	150 PSIG	1034 KPa	125 PSIG	862 KPa
DESIGN TEMPERATURE	375 °F	191 °C	375 °F	191 °C
MIN. DESIGN METAL TEMP.	40 °F	4.4 °C	40 °F	4.4 °C
HYDRO. TEST PRESSURE	225 PSIG	1551 KPa	250 PSIG	1723 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-16-4P-E1-(10)	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		