



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-168-4-1	105	2667	79 3/4	2026	66	1676	100	2540	10	254	3	76
WSX-169-4-1	117	2972	91 3/4	2330	78	1981	112	2845	10	254	3	76
WSX-1610-4-1	129	3277	103 3/4	2635	90	2286	124	3150	10	254	3	76
WSX-1611-4-1	141	3581	115 3/4	2940	102	2591	136	3454	10	254	3	76
WSX-1612-4-1	153	3886	127 3/4	3245	114	2896	148	3759	10	254	3	76
WSX-1613-4-1	165	4191	139 3/4	3550	126	3200	160	4064	10	254	3	76
WSX-1614-4-1	177	4496	151 3/4	3854	138	3505	172	4369	10	254	3	76
WSX-1615-4-1	189	4801	163 3/4	4159	150	3810	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 ±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-1-(10)	REV.
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