



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-163-4E4	72 1/8	1832	37 1/4	946	23	584	40	1016	8	203	2 1/2	64
WSX-164-4E4	84 1/8	2137	49 1/4	1251	35	889	52	1321	8	203	2 1/2	64
WSX-165-4E4	96 1/8	2442	61 1/4	1556	47	1194	64	1626	8	203	2 1/2	64
WSX-166-4E4	108 1/8	2746	73 1/4	1861	59	1499	76	1930	8	203	2 1/2	64
WSX-167-4E4	120 1/8	3051	85 1/4	2165	71	1803	88	2235	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	(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	
	PSIG	KPa	PSIG	KPa
DESIGN PRESSURE	150	1034	150	1034
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	1551	225	1551
CONTENTS	STEAM		WATER	

CUSTOMER: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 ENGINEER: \_\_\_\_\_  
 ORDER No.: \_\_\_\_\_  
 PROJECT/JOB: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 TAG: \_\_\_\_\_ (QUOTE # \_\_\_\_\_)

TITLE	A R M S T R O N G				NUMBER	REV.
G.A. 150 LB. WSX SERIES HEAT EXCHANGERS	TORONTO - CANADA	MONTREAL - CANADA	BUFFALO - N. Y.	COLCHESTER - U.K.	WSX-16-4P-E4-(8)	
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