ARMSTRONG®

"A" ±1/2(13)
"B" ±1/4(6)

N6 0° 3 3/4 (95) ±1/4(6)
9 1/4 (235) ±1/4(6)
N1 0°
N4 90°
±1/4(6) 7 3/4 (197)

10 1/2 (267) O.D.
6 5/8 (168) O.D.

N5 180° 1/4 (6)
NOTE 1

±1/4(6) 1/4 (6) DRAIN
±1/4(6)
6 3/4 (172) 180° N2

4 (102)
8 3/4 (222) **"C"**

"D"
MINIMUM TUBE BUNDLE WITHDRAWAL SPACE

6 3/4 (172)
8 1/8 (206)

2 - 3/4 (19) DIA. HOLES (TYP.)
2 1/2 (64)

> Steam inlet pressure not to exceed 30 psig.
> For higher steam pressure, use Extended shell.

DIMENSIONS SHOWN AS: inches (mm)

DIMENSIONS

EXCHANGER SIZE	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-69-2-1	113 3/8	2880	99	2515	92	2337	110	2794	4	102	1 1/4	32
WSX-610-2-1	125 3/8	3185	111	2819	104	2642	122	3099	4	102	1 1/4	32
WSX-611-2-1	137 3/8	3489	123	3124	116	2946	134	3404	4	102	1 1/4	32
WSX-612-2-1	149 3/8	3794	135	3429	128	3251	146	3708	4	102	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
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	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

DATE: 12 / 01 / 94 **BY:** D.C.R.

A R M S T R O N G
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NUMBER WSX-6-2P-1- (4) **REV.**