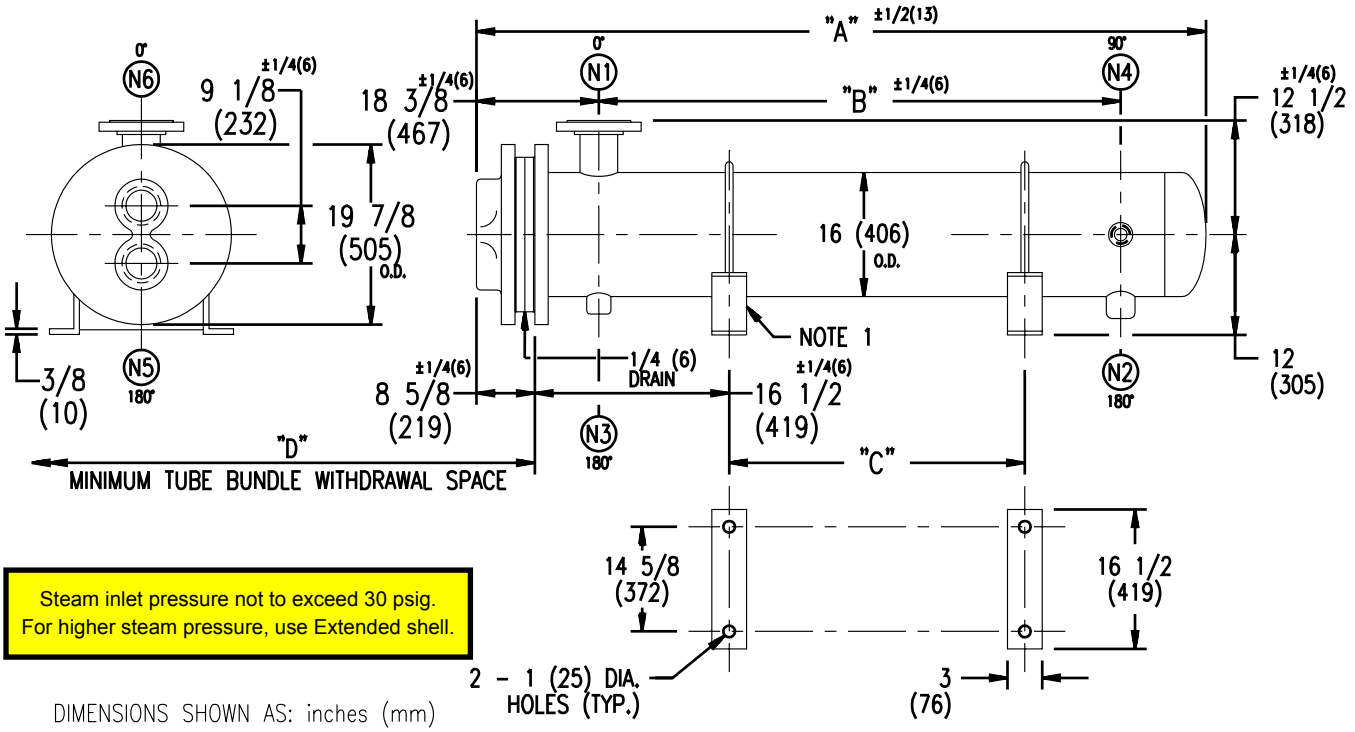
ARMSTRONG®




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

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-163-2-1 | 45 3/4 | 1162 | 19 3/4 | 502 | 6 | 152 | 40 | 1016 | 8 | 203 | 2 1/2 | 64 |
| WSX-164-2-1 | 57 3/4 | 1467 | 31 3/4 | 806 | 18 | 457 | 52 | 1321 | 8 | 203 | 2 1/2 | 64 |
| WSX-165-2-1 | 69 3/4 | 1772 | 43 3/4 | 1111 | 30 | 762 | 64 | 1626 | 8 | 203 | 2 1/2 | 64 |
| WSX-166-2-1 | 81 3/4 | 2076 | 55 3/4 | 1416 | 42 | 1067 | 76 | 1930 | 8 | 203 | 2 1/2 | 64 |
| WSX-167-2-1 | 93 3/4 | 2381 | 67 3/4 | 1721 | 54 | 1372 | 88 | 2235 | 8 | 203 | 2 1/2 | 64 |

| NOZZLE SCHEDULE | | | | |
|---|---|---|---|---|
| SERVICE | MARK | SHELL SIDE | MARK | TUBE SIDE |
| INLET | (N1) | AS PER TABLE | (N5) | 6 (152) NPT |
| OUTLET | (N2) | AS PER TABLE | (N6) | 6 (152) NPT |
| DRAIN | (N3) | 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
DATE: 12 / 01 / 94 BY: D.C.R.


A R M S T R O N G
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


NUMBER: WSX-16-2P-1- (8)
REV.

© S.A. Armstrong Limited 1999