



| EXCHANGER SIZE | DIMENSIONS |      |        |      |        |      |        |      |        |     |        |    |
|----------------|------------|------|--------|------|--------|------|--------|------|--------|-----|--------|----|
|                | A          |      | B      |      | C      |      | D      |      | N1     |     | N2     |    |
|                | inches     | mm   | inches | mm   | inches | mm   | inches | mm   | inches | mm  | inches | mm |
| WSX-123-2E3    | 56         | 1422 | 37     | 940  | 26     | 660  | 42     | 1067 | 6      | 152 | 2      | 51 |
| WSX-124-2E3    | 68         | 1727 | 49     | 1245 | 38     | 965  | 54     | 1372 | 6      | 152 | 2      | 51 |
| WSX-125-2E3    | 80         | 2032 | 61     | 1549 | 50     | 1270 | 66     | 1676 | 6      | 152 | 2      | 51 |
| WSX-126-2E3    | 92         | 2337 | 73     | 1854 | 62     | 1575 | 78     | 1981 | 6      | 152 | 2      | 51 |
| WSX-127-2E3    | 104        | 2642 | 85     | 2159 | 74     | 1880 | 90     | 2286 | 8      | 203 | 2 1/2  | 64 |
| WSX-128-2E3    | 116        | 2946 | 97     | 2464 | 86     | 2184 | 102    | 2591 | 8      | 203 | 2 1/2  | 64 |
| WSX-129-2E3    | 128        | 3251 | 109    | 2769 | 98     | 2489 | 114    | 2896 | 8      | 203 | 2 1/2  | 64 |
| WSX-1210-2E3   | 140        | 3556 | 121    | 3073 | 110    | 2794 | 126    | 3200 | 8      | 203 | 2 1/2  | 64 |
| WSX-1211-2E3   | 152        | 3861 | 133    | 3378 | 122    | 3099 | 138    | 3505 | 8      | 203 | 2 1/2  | 64 |
| WSX-1212-2E3   | 164        | 4166 | 145    | 3683 | 134    | 3404 | 150    | 3810 | 8      | 203 | 2 1/2  | 64 |
| WSX-1213-2E3   | 176        | 4470 | 157    | 3988 | 146    | 3708 | 162    | 4115 | 8      | 203 | 2 1/2  | 64 |
| WSX-1214-2E3   | 188        | 4775 | 169    | 4293 | 158    | 4013 | 174    | 4420 | 8      | 203 | 2 1/2  | 64 |
| WSX-1215-2E3   | 200        | 5080 | 181    | 4597 | 170    | 4318 | 186    | 4724 | 8      | 203 | 2 1/2  | 64 |

| 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 |      |             |
| 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 DIM'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. | 35 °F    | 1.7 °C   | 35 °F    | 1.7 °C   |
| HYDRO. TEST PRESSURE    | 225 PSIG | 1551 KPa | 200 PSIG | 1379 KPa |
| CONTENTS                | STEAM    |          | WATER    |          |

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

|  |   |  |  |   |                        |      |
|--|---|--|--|---|------------------------|------|
| TITLE<br>G.A. 150 LB. WSX SERIES HEAT EXCHANGERS | A R M S T R O N G                       |  |  |   | NUMBER<br>WSX-12-2P-E3 | REV. |
| DATE: 12/01/94 BY: D.C.R.                        | TORONTO - CANADA<br>TEL: (416) 755-2291 | MONTREAL - CANADA<br>TEL: (514) 421-2424 | BUFFALO - N. Y.<br>TEL: (716) 693-8813 | COLCHESTER - U.K.<br>TEL: (44) 120-657-9491 |                        |      |