



| EXCHANGER SIZE *-BAFFLE SPACING | DIMENSIONS | | | | | | | | | | | |
|------------------------------------|------------|------|--------|------|--------|------|--------|------|--------|-----|--------|-----|
| | A | | B | | C | | D | | N1 | | N2 | |
| | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm |
| W-123-2*-3 | 42 1/8 | 1070 | 23 | 584 | 10 | 254 | 38 | 965 | 6 | 152 | 6 | 152 |
| W-124-2*-3 | 54 1/8 | 1375 | 35 | 889 | 22 | 559 | 50 | 1270 | 6 | 152 | 6 | 152 |
| W-125-2*-3 | 66 1/8 | 1680 | 47 | 1194 | 34 | 864 | 62 | 1575 | 6 | 152 | 6 | 152 |
| W-126-2*-3 | 78 1/8 | 1984 | 59 | 1499 | 46 | 1168 | 74 | 1880 | 6 | 152 | 6 | 152 |
| W-127-2*-3 | 90 1/8 | 2289 | 71 | 1803 | 58 | 1473 | 86 | 2184 | 6 | 152 | 6 | 152 |
| W-128-2*-3 | 102 1/8 | 2594 | 83 | 2108 | 70 | 1778 | 98 | 2489 | 6 | 152 | 6 | 152 |
| W-129-2*-3 | 114 1/8 | 2899 | 95 | 2413 | 82 | 2083 | 110 | 2794 | 6 | 152 | 6 | 152 |
| W-1210-2*-3 | 126 1/8 | 3204 | 107 | 2718 | 94 | 2388 | 122 | 3099 | 6 | 152 | 6 | 152 |
| W-1211-2*-3 | 138 1/8 | 3508 | 119 | 3023 | 106 | 2692 | 134 | 3404 | 6 | 152 | 6 | 152 |
| W-1212-2*-3 | 150 1/8 | 3813 | 131 | 3327 | 118 | 2997 | 146 | 3708 | 6 | 152 | 6 | 152 |
| W-1213-2*-3 | 162 1/8 | 4118 | 143 | 3632 | 130 | 3302 | 158 | 4013 | 6 | 152 | 6 | 152 |
| W-1214-2*-3 | 174 1/8 | 4423 | 155 | 3937 | 142 | 3607 | 170 | 4318 | 6 | 152 | 6 | 152 |
| W-1215-2*-3 | 186 1/8 | 4728 | 167 | 4242 | 154 | 3912 | 182 | 4623 | 6 | 152 | 6 | 152 |

| 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 | | |
| VENT | N4 | 3/4 (19) NPT | | |

NOTES: 1. SUPPORTS SUPPLIED ONLY IF SPECIFIED ON ORDER.
 2. NOZZLE SIZES SHOWN ARE RECOMMENDED FOR MAX. EXCHANGER LIFE, NO EXTERNAL FORCES APPLY.
 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 | WATER | | WATER | |

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

| | | | | | | |
|---|--------------------------|--|--|---|------------------------|---|
| TITLE G.A. 150 LB. W SERIES HEAT EXCHANGERS | A R M S T R O N G | | | | NUMBER W-12-2P-3(6) | REV. A ECO #9153 JAN.7/03 J.R. |
| DATE: 12/01/94 BY: D.G.R. | 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 | | |