



DIMENSIONS SHOWN AS: inches (mm)

| EXCHANGER SIZE *BAFFLE SPACING | DIMENSIONS | | | | | | | | | | | |
|-----------------------------------|------------|------|---------|------|--------|------|--------|------|--------|----|--------|----|
| | A | | B | | C | | D | | N1 | | N2 | |
| | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm |
| W-103-2*-3 | 42 1/8 | 1070 | 26 1/2 | 673 | 18 | 457 | 38 | 965 | 3 | 76 | 3 | 76 |
| W-104-2*-3 | 54 1/8 | 1375 | 38 1/2 | 978 | 30 | 762 | 50 | 1270 | 3 | 76 | 3 | 76 |
| W-105-2*-3 | 66 1/8 | 1680 | 50 1/2 | 1283 | 42 | 1067 | 62 | 1575 | 3 | 76 | 3 | 76 |
| W-106-2*-3 | 78 1/8 | 1984 | 62 1/2 | 1588 | 54 | 1372 | 74 | 1880 | 3 | 76 | 3 | 76 |
| W-107-2*-3 | 90 1/8 | 2289 | 74 1/2 | 1892 | 66 | 1676 | 86 | 2184 | 3 | 76 | 3 | 76 |
| W-108-2*-3 | 102 1/8 | 2594 | 86 1/2 | 2197 | 78 | 1981 | 98 | 2489 | 3 | 76 | 3 | 76 |
| W-109-2*-3 | 114 1/8 | 2899 | 98 1/2 | 2502 | 90 | 2286 | 110 | 2794 | 3 | 76 | 3 | 76 |
| W-1010-2*-3 | 126 1/8 | 3204 | 110 1/2 | 2807 | 102 | 2591 | 122 | 3099 | 3 | 76 | 3 | 76 |
| W-1011-2*-3 | 138 1/8 | 3508 | 122 1/2 | 3112 | 114 | 2896 | 134 | 3404 | 3 | 76 | 3 | 76 |
| W-1012-2*-3 | 150 1/8 | 3813 | 134 1/2 | 3416 | 126 | 3200 | 146 | 3708 | 3 | 76 | 3 | 76 |
| W-1013-2*-3 | 162 1/8 | 4118 | 146 1/2 | 3721 | 138 | 3505 | 158 | 4013 | 3 | 76 | 3 | 76 |
| W-1014-2*-3 | 174 1/8 | 4423 | 158 1/2 | 4026 | 150 | 3810 | 170 | 4318 | 3 | 76 | 3 | 76 |
| W-1015-2*-3 | 186 1/8 | 4728 | 170 1/2 | 4331 | 162 | 4115 | 182 | 4623 | 3 | 76 | 3 | 76 |

| 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 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 | 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 | REV. |
| DATE: | 12 / 01 / 94 | BY: | D.C.R. | TORONTO - CANADA | MONTREAL - CANADA | BUFFALO - N. Y. | COLCHESTER - U.K. | W-10-2P-3(3) | | |
| | | | | TEL : (416) 755-2291 | TEL : (514) 421-2424 | TEL: (716) 693-8813 | TEL: (44) 120-657-9491 | | | |