



| EXCHANGER SIZE *BAFFLE SPACING | DIMENSIONS | | | | | | | | | | | |
|-----------------------------------|------------|------|--------|------|--------|------|--------|------|--------|----|--------|----|
| | A | | B | | C | | D | | N1 | | N2 | |
| | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm |
| W-63-4*-3 | 40 1/8 | 1019 | 28 | 711 | 19 | 483 | 37 | 940 | 3 | 76 | 3 | 76 |
| W-64-4*-3 | 52 1/8 | 1324 | 40 | 1016 | 31 | 787 | 49 | 1245 | 3 | 76 | 3 | 76 |
| W-65-4*-3 | 64 1/8 | 1629 | 52 | 1321 | 43 | 1092 | 61 | 1549 | 3 | 76 | 3 | 76 |
| W-66-4*-3 | 76 1/8 | 1933 | 64 | 1626 | 55 | 1397 | 73 | 1854 | 3 | 76 | 3 | 76 |
| W-67-4*-3 | 88 1/8 | 2238 | 76 | 1930 | 67 | 1702 | 85 | 2159 | 3 | 76 | 3 | 76 |
| W-68-4*-3 | 100 1/8 | 2543 | 88 | 2235 | 79 | 2007 | 97 | 2464 | 3 | 76 | 3 | 76 |
| W-69-4*-3 | 112 1/8 | 2848 | 100 | 2540 | 91 | 2311 | 109 | 2769 | 3 | 76 | 3 | 76 |
| W-610-4*-3 | 124 1/8 | 3153 | 112 | 2845 | 103 | 2616 | 121 | 3073 | 3 | 76 | 3 | 76 |
| W-611-4*-3 | 136 1/8 | 3457 | 124 | 3150 | 115 | 2921 | 133 | 3378 | 3 | 76 | 3 | 76 |
| W-612-4*-3 | 148 1/8 | 3762 | 136 | 3454 | 127 | 3226 | 145 | 3683 | 3 | 76 | 3 | 76 |
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| NOZZLE SCHEDULE | | | | |
|-----------------|------|--------------|------|----------------|
| SERVICE | MARK | SHELL SIDE | MARK | TUBE SIDE |
| INLET | N1 | AS PER TABLE | N5 | 1 1/2 (38) NPT |
| OUTLET | N2 | AS PER TABLE | N6 | 1 1/2 (38) NPT |
| DRAIN | N3 | 1/2 (13) NPT | N7 | 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 | 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 | 225 PSIG | 1551 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-6-4P-3(3) | REV. | |
| DATE: | 12 / 01 / 94 | BY: | D.C.R. | 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 | | |