



| EXCHANGER SIZE *BAFFLE SPACING | DIMENSIONS | | | | | | | | | | | |
|-----------------------------------|------------|------|---------|------|---------|------|--------|------|--------|----|--------|----|
| | A | | B | | C | | D | | N1 | | N2 | |
| | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm |
| W-42-4*-3 | 27 1/2 | 699 | 16 1/2 | 419 | 9 1/2 | 241 | 26 | 660 | 2 | 51 | 2 | 51 |
| W-43-4*-3 | 39 1/2 | 1003 | 28 1/2 | 724 | 21 1/2 | 546 | 38 | 965 | 2 | 51 | 2 | 51 |
| W-44-4*-3 | 51 1/2 | 1308 | 40 1/2 | 1029 | 33 1/2 | 851 | 50 | 1270 | 2 | 51 | 2 | 51 |
| W-45-4*-3 | 63 1/2 | 1613 | 52 1/2 | 1334 | 45 1/2 | 1156 | 62 | 1575 | 2 | 51 | 2 | 51 |
| W-46-4*-3 | 75 1/2 | 1918 | 64 1/2 | 1638 | 57 1/2 | 1461 | 74 | 1880 | 2 | 51 | 2 | 51 |
| W-47-4*-3 | 87 1/2 | 2223 | 76 1/2 | 1943 | 69 1/2 | 1765 | 86 | 2184 | 2 | 51 | 2 | 51 |
| W-48-4*-3 | 99 1/2 | 2527 | 88 1/2 | 2248 | 81 1/2 | 2070 | 98 | 2489 | 2 | 51 | 2 | 51 |
| W-49-4*-3 | 111 1/2 | 2832 | 100 1/2 | 2553 | 93 1/2 | 2375 | 110 | 2794 | 2 | 51 | 2 | 51 |
| W-410-4*-3 | 123 1/2 | 3137 | 112 1/2 | 2858 | 105 1/2 | 2680 | 122 | 3099 | 2 | 51 | 2 | 51 |

| NOZZLE SCHEDULE | | | | |
|-----------------|------|--------------|------|--------------|
| SERVICE | MARK | SHELL SIDE | MARK | TUBE SIDE |
| INLET | (N1) | AS PER TABLE | (N5) | 1 (25) NPT |
| OUTLET | (N2) | AS PER TABLE | (N6) | 1 (25) 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 DIMN'S ±1/8 (3) UNLESS OTHERWISE SHOWN.

| DESIGN CONDITIONS | | | | |
|-------------------------|----------|----------------------|----------|----------------------|
| | SHELL | | TUBES | |
| DESIGN PRESSURE | 150 PSIG | 1034 KP _a | 150 PSIG | 1034 KP _a |
| 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 KP _a | 225 PSIG | 1551 KP _a |
| CONTENTS | WATER | | WATER | |

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

| | | | | | | |
|---------------------------------------|---------------------|---------------------|---------------------|------------------------|-------------|------|
| TITLE | A R M S T R O N G | | | | NUMBER | REV. |
| G.A. 150 LB. W SERIES HEAT EXCHANGERS | TORONTO - CANADA | MONTREAL - CANADA | BUFFALO - N. Y. | COLCHESTER - U.K. | W-4-4P-3(2) | |
| DATE: 12/01/94 BY: D.C.R. | TEL: (416) 755-2291 | TEL: (514) 421-2424 | TEL: (716) 693-8813 | TEL: (44) 120-657-9491 | | |