



| EXCHANGER SIZE<br>*BAFFLE SPACING | DIMENSIONS |      |         |      |        |      |        |      |        |     |        |     |
|-----------------------------------|------------|------|---------|------|--------|------|--------|------|--------|-----|--------|-----|
|                                   | A          |      | B       |      | C      |      | D      |      | N1     |     | N2     |     |
|                                   | inches     | mm   | inches  | mm   | inches | mm   | inches | mm   | inches | mm  | inches | mm  |
| W3T-102-2*-3                      | 30 1/4     | 768  | 11 1/4  | 286  | -      | -    | 26     | 660  | 6      | 152 | 6      | 152 |
| W3T-103-2*-3                      | 42 1/4     | 1073 | 23 1/4  | 591  | 12     | 305  | 38     | 965  | 6      | 152 | 6      | 152 |
| W3T-104-2*-3                      | 54 1/4     | 1378 | 35 1/4  | 895  | 24     | 610  | 50     | 1270 | 6      | 152 | 6      | 152 |
| W3T-105-2*-3                      | 66 1/4     | 1682 | 47 1/4  | 1200 | 36     | 914  | 62     | 1574 | 6      | 152 | 6      | 152 |
| W3T-106-2*-3                      | 78 1/4     | 1987 | 59 1/4  | 1505 | 48     | 1219 | 74     | 1879 | 6      | 152 | 6      | 152 |
| W3T-107-2*-3                      | 90 1/4     | 2292 | 71 1/4  | 1810 | 60     | 1524 | 86     | 2184 | 6      | 152 | 6      | 152 |
| W3T-108-2*-3                      | 102 1/4    | 2597 | 83 1/4  | 2115 | 72     | 1829 | 98     | 2489 | 6      | 152 | 6      | 152 |
| W3T-109-2*-3                      | 114 1/4    | 2902 | 95 1/4  | 2419 | 84     | 2134 | 110    | 2794 | 6      | 152 | 6      | 152 |
| W3T-1010-2*-3                     | 126 1/4    | 3206 | 107 1/4 | 2724 | 96     | 2438 | 122    | 3098 | 6      | 152 | 6      | 152 |
| W3T-1011-2*-3                     | 138 1/4    | 3511 | 119 1/4 | 3029 | 108    | 2743 | 134    | 3403 | 6      | 152 | 6      | 152 |
| W3T-1012-2*-3                     | 150 1/4    | 3816 | 131 1/4 | 3334 | 120    | 3048 | 146    | 3708 | 6      | 152 | 6      | 152 |
| W3T-1013-2*-3                     | 162 1/4    | 4121 | 143 1/4 | 3639 | 132    | 3353 | 158    | 4013 | 6      | 152 | 6      | 152 |
| W3T-1014-2*-3                     | 174 1/4    | 4426 | 155 1/4 | 3943 | 144    | 3658 | 170    | 4318 | 6      | 152 | 6      | 152 |
| W3T-1015-2*-3                     | 186 1/4    | 4730 | 167 1/4 | 4248 | 156    | 3962 | 182    | 4623 | 6      | 152 | 6      | 152 |

| NOZZLE SCHEDULE |      |              |      |            |
|-----------------|------|--------------|------|------------|
| SERVICE         | MARK | SHELL SIDE   | MARK | TUBE SIDE  |
| INLET           | N1   | AS PER TABLE | N5   | 3 (76) NPT |
| OUTLET          | N2   | AS PER TABLE | N6   | 3 (76) 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 | 300 PSIG | 2068 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 | 450 PSIG | 3102 KPa |
| CONTENTS                | WATER    |          | WATER    |          |

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

|   |                   |  |   |  |   |      |
|---|-------------------|--|---|--|---|------|
| TITLE<br>G.A. 300 LB. W SERIES<br>HEAT EXCHANGERS | A R M S T R O N G |  |   |  | NUMBER<br>W3T-10-2P-3(6)                    | REV. |
| DATE: 02 / 16 / 01                                | BY: J.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 |      |