



| EXCHANGER SIZE *BAFFLE SPACING | DIMENSIONS | | | | | | | | | | | |
|-----------------------------------|------------|------|--------|------|---------|------|--------|------|--------|----|--------|----|
| | A | | B | | C | | D | | N1 | | N2 | |
| | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm |
| W3T-102-4*-3 | 30 | 762 | 14 | 356 | 6 3/4 | 171 | 26 | 660 | 3 | 76 | 3 | 76 |
| W3T-103-4*-3 | 42 | 1067 | 26 | 661 | 18 3/4 | 476 | 38 | 965 | 3 | 76 | 3 | 76 |
| W3T-104-4*-3 | 54 | 1372 | 38 | 966 | 30 3/4 | 781 | 50 | 1270 | 3 | 76 | 3 | 76 |
| W3T-105-4*-3 | 66 | 1676 | 50 | 1270 | 42 3/4 | 1085 | 62 | 1574 | 3 | 76 | 3 | 76 |
| W3T-106-4*-3 | 78 | 1981 | 62 | 1575 | 54 3/4 | 1390 | 74 | 1879 | 3 | 76 | 3 | 76 |
| W3T-107-4*-3 | 90 | 2286 | 74 | 1880 | 66 3/4 | 1695 | 86 | 2184 | 3 | 76 | 3 | 76 |
| W3T-108-4*-3 | 102 | 2591 | 86 | 2185 | 78 3/4 | 2000 | 98 | 2489 | 3 | 76 | 3 | 76 |
| W3T-109-4*-3 | 114 | 2896 | 98 | 2490 | 90 3/4 | 2305 | 110 | 2794 | 3 | 76 | 3 | 76 |
| W3T-1010-4*-3 | 126 | 3200 | 110 | 2794 | 102 3/4 | 2609 | 122 | 3098 | 3 | 76 | 3 | 76 |
| W3T-1011-4*-3 | 138 | 3505 | 122 | 3099 | 114 3/4 | 2914 | 134 | 3403 | 3 | 76 | 3 | 76 |
| W3T-1012-4*-3 | 150 | 3810 | 134 | 3404 | 126 3/4 | 3219 | 146 | 3708 | 3 | 76 | 3 | 76 |
| W3T-1013-4*-3 | 162 | 4115 | 146 | 3709 | 138 3/4 | 3524 | 158 | 4013 | 3 | 76 | 3 | 76 |
| W3T-1014-4*-3 | 174 | 4420 | 158 | 4014 | 150 3/4 | 3829 | 170 | 4318 | 3 | 76 | 3 | 76 |
| W3T-1015-4*-3 | 186 | 4724 | 170 | 4318 | 162 3/4 | 4134 | 182 | 4623 | 3 | 76 | 3 | 76 |

| 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 | 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 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 G.A. 300 LB. W SERIES HEAT EXCHANGERS | A R M S T R O N G | | | | NUMBER W3T-10-4P-3(3) | REV. |
| DATE: 02 / 16 / 01 BY: J.R. | TORONTO - CANADA TEL : (416) 755-2291 | MONTREAL - CANADA TEL : (514) 421-2424 | BUFFALO - N. Y. TEL: (716) 693-8813 | DOLCHESTER - U.K. TEL: (44) 120-657-9491 | | |