



DIMENSIONS SHOWN AS: Inches (mm)

| EXCHANGER SIZE | DIMENSIONS | | | | | | | | NOZZLE SCHEDULE | | |
|----------------|------------|------|---------|------|--------|------|---------|------|--|---------------------|--------------|
| | "A" | | "B" | | "C" | | "D" | | N1 | INLET | |
| | Inches | mm | Inches | mm | Inches | mm | Inches | mm | 4" FLG | (102) | |
| THW-1636-4-4 | 53 -1/8 | 1349 | 35-1/2 | 902 | 38 | 965 | 24-1/2 | 622 | N2 | OUTLET 4" FLG (102) | |
| THW-1642-4-4 | 59 -1/8 | 1502 | 41-1/2 | 1054 | 44 | 1118 | 30-1/2 | 775 | N3 | DRAIN 1/2" NPT (13) | |
| THW-1648-4-4 | 65 -1/8 | 1654 | 47-1/2 | 1207 | 50 | 1270 | 36-1/2 | 927 | COLLAR ASSEMBLY | | |
| THW-1654-4-4 | 71 -1/8 | 1807 | 53-1/2 | 1359 | 56 | 1422 | 42-1/2 | 1080 | STANDARD OVS. FOR STONE LINING | | |
| THW-1660-4-4 | 77 -1/8 | 1959 | 59-1/2 | 1511 | 62 | 1575 | 48-1/2 | 1232 | "E" | 16 (406) | 18 (457) |
| THW-1666-4-4 | 83 -1/8 | 2111 | 65-1/2 | 1664 | 68 | 1727 | 54-1/2 | 1384 | "F" | 12 (305) | 12 1/2 (318) |
| THW-1672-4-4 | 89 -1/8 | 2264 | 71-1/2 | 1816 | 74 | 1880 | 60-1/2 | 1537 | DESIGN CONDITIONS | | |
| THW-1678-4-4 | 95 -1/8 | 2416 | 77-1/2 | 1969 | 80 | 2032 | 66-1/2 | 1689 | TUBES | | |
| THW-1684-4-4 | 101-1/8 | 2569 | 83-1/2 | 2121 | 86 | 2184 | 72-1/2 | 1842 | DESIGN PRESSURE | 150 PSIG | 1034 KPa |
| THW-1690-4-4 | 107-1/8 | 2721 | 89-1/2 | 2273 | 92 | 2337 | 78-1/2 | 1994 | DESIGN TEMPERATURE | 375 F | 191 C |
| THW-1696-4-4 | 113-1/8 | 2873 | 95-1/2 | 2426 | 98 | 2489 | 84-1/2 | 2146 | M.D.M.T. | 40 F | 4.4 C |
| THW-16102-4-4 | 119-1/8 | 3026 | 101-1/2 | 2578 | 104 | 2642 | 90-1/2 | 2299 | HYD. TEST PRESSURE | 225 PSIG | 1551 KPa |
| THW-16108-4-4 | 125-1/8 | 3178 | 107-1/2 | 2731 | 110 | 2794 | 96-1/2 | 2451 | NOTES: | | |
| THW-16114-4-4 | 131-1/8 | 3331 | 113-1/2 | 2883 | 116 | 2946 | 102-1/2 | 2604 | 1. COLLAR ASSEMBLY SUPPLIED SEPARATELY. | | |
| THW-16120-4-4 | 137-1/8 | 3483 | 119-1/2 | 3035 | 122 | 3099 | 108-1/2 | 2756 | 2. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA. | | |
| THW-16126-4-4 | 143-1/8 | 3635 | 125-1/2 | 3188 | 128 | 3251 | 114-1/2 | 2908 | 3. DRAWING IS NOT TO SCALE. | | |
| THW-16132-4-4 | 149-1/8 | 3788 | 131-1/2 | 3340 | 134 | 3404 | 120-1/2 | 3061 | 4. ALL DIM'S 1/8 (3) UNLESS OTHERWISE SHOWN. | | |
| THW-16138-4-4 | 155-1/8 | 3940 | 137-1/2 | 3493 | 140 | 3556 | 126-1/2 | 3213 | 5. DIMENSIONS SHOWN AS: In.(mm) | | |
| THW-16144-4-4 | 161-1/8 | 4093 | 143-1/2 | 3645 | 146 | 3708 | 132-1/2 | 3366 | CUSTOMER: | | |
| THW-16150-4-4 | 167-1/8 | 4245 | 149-1/2 | 3797 | 152 | 3861 | 138-1/2 | 3518 | LOCATION: | | |
| THW-16156-4-4 | 173-1/8 | 4397 | 155-1/2 | 3950 | 158 | 4013 | 144-1/2 | 3670 | ENGINEER : | | |
| THW-16162-4-4 | 179-1/8 | 4550 | 161-1/2 | 4102 | 164 | 4166 | 150-1/2 | 3823 | ORDER No.: | | |
| | | | | | | | | | PROJECT/JOB: | | |
| | | | | | | | | | LOCATION: | | |
| | | | | | | | | | TAG: | | |
| | | | | | | | | | QUOTE # | | |

TITLE G.A. 150 LB. TANK HEATERS

ARMSTRONG

NUMBER

REV.

DATE : 24/05/95

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

Thw-16-4P-4