

# TX SERIES

## Stainless Steel Indirect Water Heaters

### FEATURES:

- Available in 40, 50, 80, 110 gallons
- 444 Stainless Steel (1.4521 Niobium-Titanium Stabilized Steel)
- Stainless Steel Jacket (TX110- Polypropylene)
- Offers extreme protection against corrosion
- High density CFC free and fire retardant polyurethane foam insulation
- Reduced Energy Costs
- Adjustable legs
- Limited Life Time Warranty

### PROTECTION AGAINST CORROSION

The DHT TX Series of stainless steel water heaters are manufactured from 1.4521 Niobium-Titanium stabilized steel, which offers protection against corrosion.

### REDUCED ENERGY COST

The TX Series Water Heaters offer rapid recovery rates and an industry leading heat loss performance of less than 239 btu/h. This can reduce energy costs by up to 15 %. This is achieved by injecting high density CFC free and fire retardant polyurethane foam insulation.

### REDUCED MAINTENANCE COST

Unlike glass lined water heaters, an anode is not needed thus reducing maintenance costs for the consumer.

### PATENTED AND ENVIRONMENTALLY FRIENDLY

All good quality stainless steel water heaters need pickling to prolong their life.

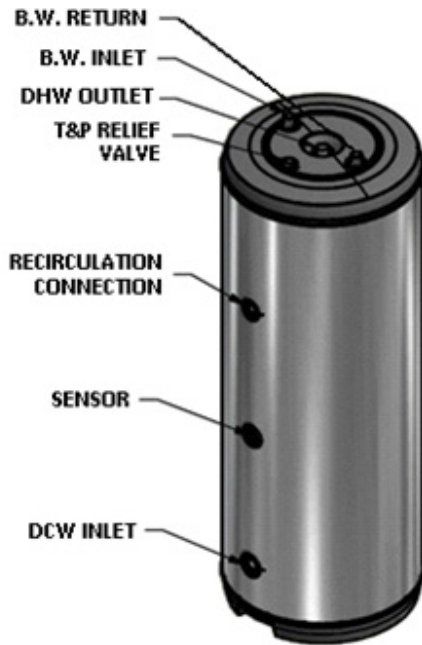
Pickling is essential for products installed in areas where the water has a high chloride or lime value. To avoid the environmental impact of pickling, a patented in-house pickling process was created to reuse up to 95% of the water consumed. All discharged water is also cleaned of chemicals before being released back in to the environment, and the extracted chemicals are treated and recycled.

### LEADING WELDING TECHNOLOGY

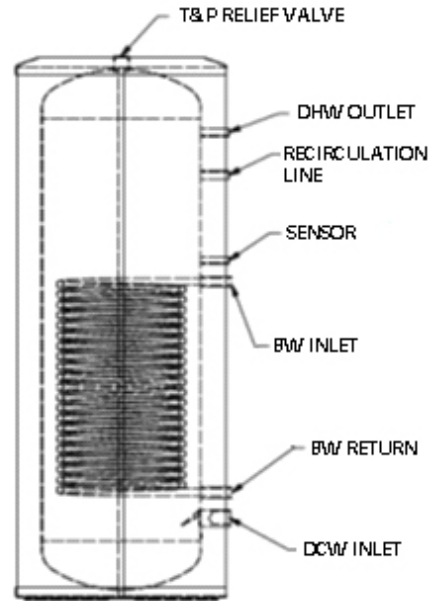
The DHT TX Series of stainless steel water heaters are TIG welded using a fully automated welding technique, which is clean and smooth to prevent crevice corrosion. The welding technique reduces stress and damage to the integrity of the steel and eliminates product rejections during production. The TX stainless steel water heaters offer the user excellent performance and service for many years.



## RATINGS AND SPECIFICATIONS:



Models: TX-40, TX-50, TX-80



Model: TX-110

| MODEL  | TX-40   | TX-50   | TX-80   | TX-110  |
|--|---------|---------|---------|---------|
| Capacity (Gallons)                           | 40      | 50      | 80      | 110     |
| Heat Exchanger Surface Area (SQ.FT.)         | 10.4    | 12.6    | 15.0    | 23.0    |
| Recommended Flow Rate GPM (Boiler Water)     | 10      | 10      | 14      | 14      |
| Heat Exchanger Pressure Drop (Ft. Hd.)       | 7.1     | 7.3     | 5       | 6.5     |
| First Hour Ratings GPH- 90° Rise             | 210     | 249     | 336     | 396     |
| Continuous Flow GPH- 90° Rise                | 168     | 197     | 252     | 280     |
| First Hour Ratings GPH- 77° Rise             | 238     | 282     | 379     | 449     |
| Continuous Flow GPH- 77° Rise                | 197     | 229     | 295     | 327     |
| Boiler Size BTU's Required                   | 120,000 | 140,000 | 180,000 | 199,000 |
| Temperature and Pressure Relief Valve (inch) | 3/4"    | 3/4"    | 3/4"    | 3/4"    |
| Domestic Hot Water Outlet (inch)             | 3/4"    | 3/4"    | 1"      | 1 1/2"  |
| Domestic Hot Water Inlet (inch)              | 3/4"    | 3/4"    | 1"      | 1 1/2"  |
| Boiler Water Outlet- Return (inch)           | 1"      | 1"      | 1"      | 1"      |
| Boiler Water Inlet- Supply (inch)            | 1"      | 1"      | 1"      | 1"      |
| Control                                      | 1/2"    | 1/2"    | 1/2"    | 1/2"    |
| Recirculation                                | -       | -       | 3/4"    | 3/4"    |
| Diameter (inch)                              | 23"     | 23"     | 23"     | 28"     |
| Height (inch)                                | 39.96"  | 46.25"  | 65.15"  | 77.0"   |
| Shipping Weight (lbs.)                       | 94      | 123     | 143     | 176     |

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