



**7601193 (F-STYLE OR NON-MANITOWOC BIN)  
7601223 (S-STYLE MANITOWOC BIN)  
Q-DUAL WATER TROUGH/CURTAIN REPLACEMENT  
Installation Instructions**

Kit Contents:

Water Trough  
.625 Hole Plug, White  
10-32 x 3/4 Phil Fat Type F Screw (2)  
10-24 x 1/2 Trim HWH TY23 (2)  
Trough Protector (2)  
Water Curtain (2)  
Ice Deflector Weldment  
Water Fitting Bracket  
Control Board  
Installation Instructions  
Bushing

Remove:

1. Splash shield (reuse)
2. Water inlet fitting and bracket (reuse fitting - discard bracket)
3. Water pump (reuse)
4. Water curtains (discard)
5. Trough protectors (discard)
6. Water level probe (reuse)
7. Water trough (discard)
8. Ice deflector (discard)
9. Control board (discard)

Before you install:

1. Remove four screws from the water pump mounting bracket. Remove three screws connecting the water pump housing to the pump motor. Rotate the pump housing clockwise (from the shaft end) one position and then reinstall the screws and mounting bracket (see Figure 3).
2. Remove the water inlet fitting from the water inlet bracket. Save two of the three plastic wing nuts and water inlet fitting. These will be reused. Discard the bracket.

Install in the following order:

1. New ice deflector
2. New water trough
3. Water pump and reroute water pump supply hose and dump to right side of pump (see Figures 1 and 3)
4. Plug for water level probe and old mounting screw to cover holes - **Note! Do not install probe at this time**
5. New water curtains
6. New water inlet/water level probe mounting bracket, using screws provided (see Figure 2)
7. Water inlet fitting and water level probe using existing plastic wing nuts - route water inlet probe through grommet in bulkhead with ice thickness probe wire
8. 1-1/2" bushing in water inlet bracket
9. Water inlet hose through bushing on back of bracket to water inlet fitting
10. New control board
11. Trough protectors

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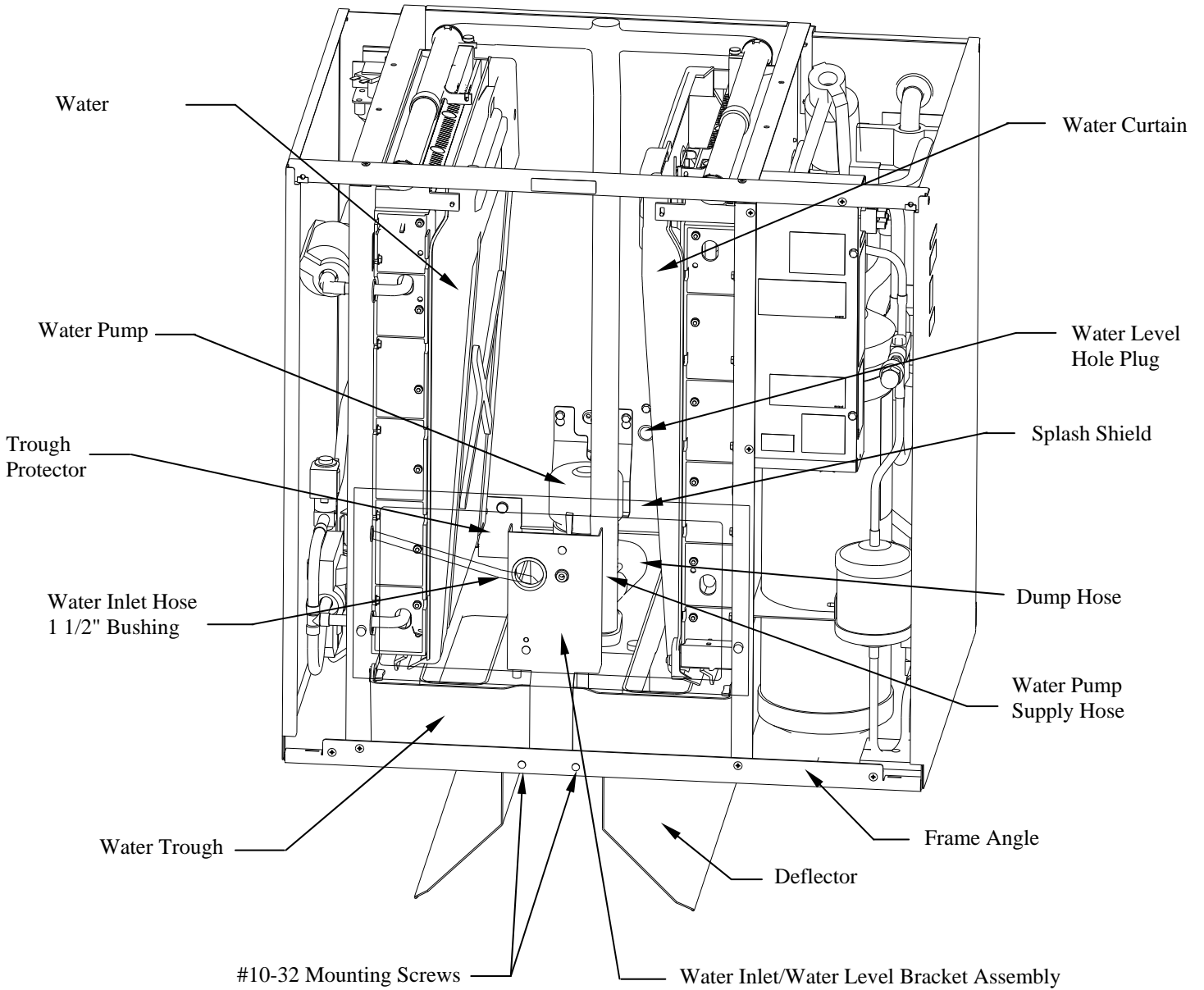
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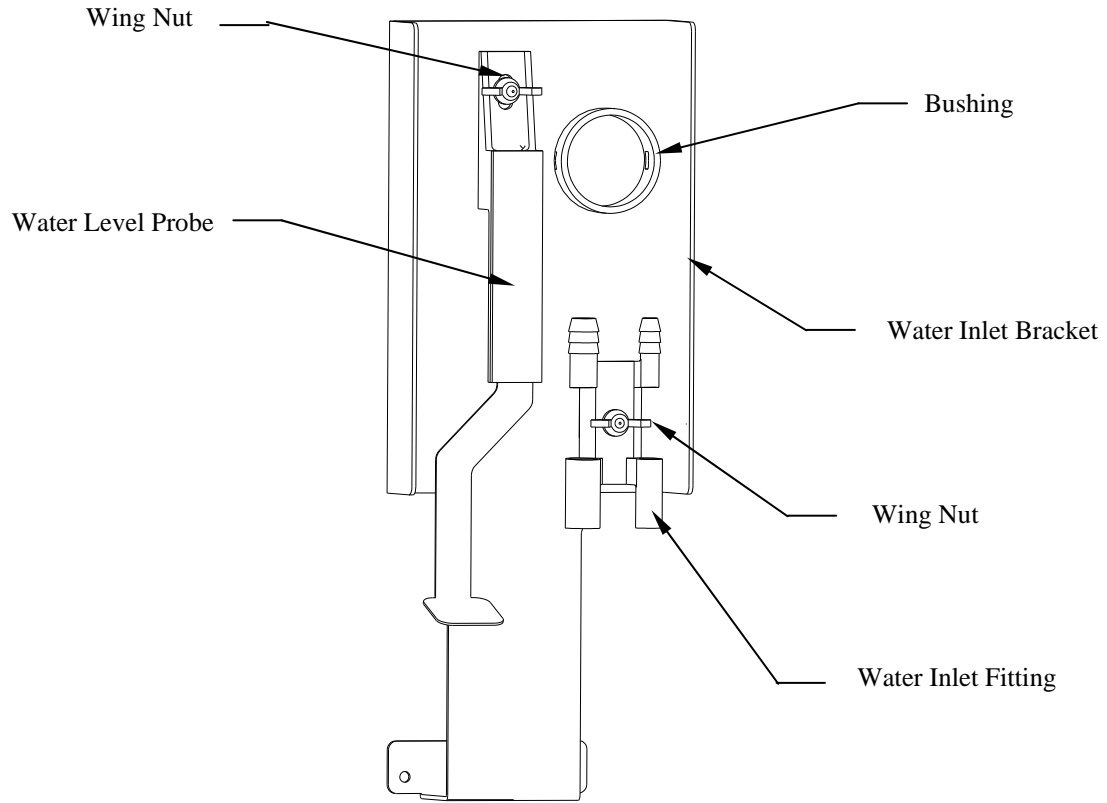
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# Q-DUAL INSTALL DATA



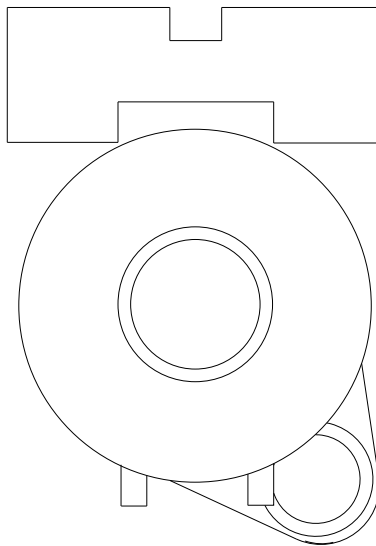
**Figure 1**

## WATER INLET BRACKET



**Figure 2**

## WATER PUMP SUPPLY POSITION AFTER ROTATING PUMP HOUSING



**Figure 3 (Top View)**