D2HT SERIES
DUAL DIGITAL AQUARIUM HEATER

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Voltage/Freq</th>
<th>Capacity</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>D2HT-100</td>
<td>100W</td>
<td>110-120V/60Hz</td>
<td>Up to 30 Gals</td>
<td>25cm / 9.8in</td>
</tr>
<tr>
<td>D2HT-200</td>
<td>200W</td>
<td>110-120V/60Hz</td>
<td>Up to 65 Gals</td>
<td>30cm / 12in</td>
</tr>
<tr>
<td>D2HT-300</td>
<td>300W</td>
<td>110-120V/60Hz</td>
<td>Up to 100 Gals</td>
<td>37cm / 14.5in</td>
</tr>
<tr>
<td>D2HT-450</td>
<td>450W</td>
<td>110-120V/60Hz</td>
<td>Up to 150 Gals</td>
<td>43cm / 17in</td>
</tr>
</tbody>
</table>

WARRANTY INFORMATION

AQUATOP 180 DAY LIMITED WARRANTY

Products are warrantied by AQUATOP Aquatic Supplies to the original purchaser against defective material and workmanship under normal use for a period of 180 days from the date of the original purchase. Products have no warranty if: 1.) The product has been serviced, modified or tampered with by anyone other than AQUATOP Aquatic Supplies, 2.) The product has been abused or damaged (including broken or cracked bulbs), and/or 3.) The product has been transported without proper packaging.

WARRANTY LIABILITY DISCLAIMER

In no event will Aquatop® be liable for any consequential or incidental damages, including but not limited to, lost sea life, personal injury, property damage, equipment damage, lost profits, lost wages, lost savings, lost income, etc., arising out of the use of any Aquatop® Heater.

For more information on tank health and maintenance as well as other products carried by Aquatop, visit our website: www.aquatop.com
Thank you for choosing AQUATOP’s D2HT Series of fully submersible heaters. These heaters are suitable for both freshwater and saltwater applications. The AQUATOP D2HT series comes equipped with a highly visible dual LED temperature display, an easy to use temperature control button, and a separately attached temperature sensor, providing a stable temperature environment for aquatic life. The fully submersible features allow for more flexibility in placement. The D2HT Series is also equipped with memory. After a power outage, the heater will resume preset temperature settings, so there is no need to reset temperature controls.

To guard against injury, basic safety precautions should be observed, including the following:

**READ ALL SAFETY INSTRUCTIONS BEFORE USE.**

**DANGER**

To avoid possible electric shock, special care should be taken since water is employed around the use of this product. For each of the following situations, do not attempt to repair yourself: return the appliance to an authorized service facility for service or discard the appliance.

**NOTE:** It is your sole responsibility to verify that the plug and the receptacle are clean and free of moisture and salt buildup at all times. The receptacle must be free of water, salt, calcium, magnesium and dust. Failure to do so can cause fire, damage to property, and permanent damage to the product and personal injury not limited to loss of life.

**NOTE:** Before installing the unit, check for any signs of damage to the device. If there are any signs of damage to the device, power cord or plug, do not use and return to place of original purchase.

**SAFETY INFO**

1. A drip loop must be used with all electrical aquarium devices. A drip loop is a self-made part of the cord hanging below the receptacle. (See Fig. 1).
2. A GFCI (Ground Fault Circuit Interrupter) should be used in the branch circuit supplying all power to water pumps and electrical aquarium equipment. If you do not have a GFCI, we strongly recommend having a qualified electrician install one prior to operating any aquarium component.
3. Do not plug into extension cord/power strip.
4. Use this product for its intended use only.
5. Never yank or pull the cord from the electrical outlet.
6. Do not operate if the plug or wire is damaged.
7. Verify that hands are dry prior to disconnecting the power.
8. To reduce the risks of electrocution, keep all connections dry.
9. For indoor use only.
10. Make sure no part of the glass heater touches the gravel, substrate, decorations or any other appliance located in, near or around the unit.
11. In case of product malfunction, never attempt to open up heater or to fix heater. In the event of product malfunction return the unit to the vendor of original purchase.
12. Check device for any signs of damage before use.
13. If the unit falls into water, do not reach for it. First, unplug the unit. Then retrieve the unit from the water. If any of the electrical components get wet, unplug immediately.
14. Do not use soaps or detergents when cleaning this device. Thoroughly clean and rinse with warm water and make sure the device is completely dry before connecting.
15. Do not operate heater outside of aquarium water.
16. Always disconnect the heater from the power supply prior to maintenance of the aquarium.
17. When removing the heater from the aquarium, the heater must be unplugged for 30 minutes prior to removal.
18. The sand contained in this unit is inorganic, non-toxic & will not harm humans or aquatic creatures.
19. Keep this product away from children.

**INSTALLATION**

1. Check heater for any signs of damage before use.
2. Attach suction cups to the heater at the upper half of glass heating unit (above the black sand heating element towards lower half of heater).
3. Mount heater vertically inside aquarium using suction cups. Choose a location with good water flow. Make sure that the water line is not lower than the bottom of the LED display as this will expose the heating element to air and can cause the heater to fail.
4. Attach a suction cup to the external temperature sensor and mount the sensor on the aquarium wall at least 2” away from the side of the heater. (Note: Installing the temperature sensor at the furthest allowable distance from the heater will ensure the most accurate temperature readings.)
5. Wait at least 15 minutes before plugging in your heater. This allows the heating unit to adjust to the current temperature of the aquarium water.
6. Create a drip loop. Then plug the heater into an electrical outlet (Fig.1).
7. To set heater temperature, use the temperature control button located on top on the glass heater. Most tropical fish prefer temperatures around 76-82°F.
   a. Heater automatically turns on when the unit is plugged in.
   b. Press the temperature control button once to enter SET MODE. The target temperature display will begin to flash indicating that the heater is in SET MODE.
   c. In SET MODE, press the temperature control button continuously until the desired target temperature setting is reached.
   d. To return to NORMAL MODE, do not press the temperature control button for 4 seconds.
   e. To turn off the heater, press and hold the temperature control button for 4 seconds, or until the digital display powers off.
8. When the light is on, this indicates that heater is on and heating the water.
9. When light is off, the temperature (heater) has reached the desired degrees (temperature) setting.

**NOTE:** The temperature setting range cycles from a maximum of 92 degrees down to 67 degrees.

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