



# 3 IN 1 DE-ICER

**Item # DT15 & # DTS15  
1500 Watts, 120 VAC, 60 Hz**

## WARNING

1. Have a qualified electrician install a properly grounded receptacle outlet, acceptable for outdoor use and protected from snow and rain, immediately adjacent to the location where the heater will be used.
2. Route the supply cord and locate the heater so as to be protected from damage (by livestock if using DT15 and DTS15)
3. Do not use extension cords.
4. Inspect cord before using.
5. Unplug heater at receptacle outlet when not in use or before removing from tank or pond.
6. Store heater indoors after winter season.
7. Connect to properly grounded outlets only.
8. Heating element MUST be completely submerged while in use to prevent risk of fire hazard.
9. Do not tether unit.

### 10. Connect only to a circuit that is protected by a Ground Fault Circuit Interrupter (GFCI).

This is a sensitive device that cuts off the electricity if there is any leakage of current. This device may be obtained from any electrician or hardware store.

**This de-icer is safe to operate in plastic or Rubbermaid® tanks.**

## TO OPERATE AS A FLOATER

Simply place the unit with the float attached into the water. Connect the cord to a properly grounded, GFCI-protected receptacle while observing the cautions above.

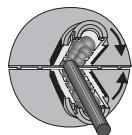
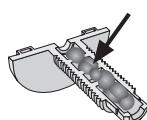
## TO OPERATE AS A SINKER

Remove the cover and float (DT15 only) from the unit by slipping a screwdriver into the groove between the cover and the base and popping the four cover tabs off the base. (Save the cover and float in case you wish to convert back to a floater later.) Turn the unit upside down and lower it into the water so that it rests on its feet at the bottom of the tank or pond. Connect the cord to a properly grounded, GFCI-protected receptacle while observing the cautions above.



## TO ROUTE THE CORD THROUGH THE DRAIN PLUG (DT15 ONLY)

1. Prepare the Drain Plug Adaptor (DPA) by spreading the plumbers' putty included with the unit inside each half of the adaptor. Put in enough putty to seal around the cord when it is seated within the adaptor.
2. Sandwich the cord between the two halves of the DPA by holding the cord in the channel of one half and inserting the tabs of the other half into their mates to form a hinge. Make sure that the threaded end of the DPA points toward the plug (see figure to the right).
3. Fold the halves together to capture the cord in between. Remove any excess putty that is squeezed out. If the halves will not come together, open them and remove some of the putty.
4. Position the C-clip in the channel at the nose of the DPA and push it down to hold the halves together.
5. Slide the rubber gasket over the plug and down onto the DPA. It



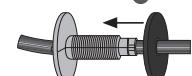
should be pushed all the way back against the flange at the rear of the DPA.

6. Check the inside surface around the drain plug hole to make sure it is clean.

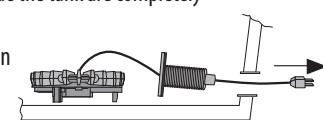
8. Route the plug and cord through the drain plug hole. Insert the DPA through the hole and center it so that the gasket makes good contact against the hole perimeter.



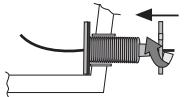
9. Screw the nut onto the threads extending out the drain hole of the tank. Hand tighten.



10. Add water to the tank until the DPA and gasket inside the tank are completely immersed. Check for leaks around the nut on the outside of the tank. Use channel lock pliers to tighten the nut slightly if necessary. **Do not overtighten the nut or it can crack.**



11. If leaking persists, repeat the steps above making sure that there is enough putty inside the DPA to seal around the cord, and that the DPA is positioned in the center of the drain hole.



## MAINTENANCE

Do not allow lime or other impurities in the water to build up on the heating element. The frequency of cleaning depends directly upon the composition of your water supply. Lime removing cleaners can be obtained at any farm or hardware store. **Caution:** The aluminum casting has a non-stick coating. Do not use any abrasives to remove build-up that could damage the non-stick coating.

## WARRANTY

This de-icer is warranted for a period of 1 year from the date of purchase. If you believe your de-icer is defective and still within the warranty period, return it to the factory or place of purchase for inspection and possible replacement. The warranty is voided if (1) the ground terminal on the plug has been removed, (2) excessive deposits have been allowed to accumulate on the heating element, or (3) there is evidence of general abuse such as animals chewing on the cord. This warranty does not cover incidental or consequential damage resulting from either a defect in parts, materials, or operation failure. Some states do not allow the exclusion or limitation of the above damages so the above limitation may not apply to you. No agent, employee, or representative of Miller Manufacturing has any authority to bind Miller Manufacturing to any affirmation, representation or warranty directed towards any products bearing the Miller Manufacturing name, except as stated herein. This warranty gives you specific legal rights--you may also have other rights which vary from state to state.

