



Farm Innovators De-icer “Air Test”

The Air Test is the only foolproof way to personally test a de-icer to see if it is functioning properly. (This test will work for any de-icer or heated birdbath or Pet Bowl manufactured by Farm Innovators). The key is to follow these instructions without deviation. This test will conclusively determine if the de-icer is in perfect working order or is in fact malfunctioning. Once this test is complete, you can rest assured that you will know, beyond any doubt, if the de-icer should be sent in for a warranty claim or not. This is the very first test our technicians will perform should the unit be returned for a warranty claim. As stated, it is a foolproof test but it **MUST** be performed correctly for conclusive results...

- 1) Place the de-icer in a freezer, or if cold enough (30 degrees or less) place it outside. The unit must be dry and unplugged. Allow the unit to be exposed to these temperatures for at least **1 hour**. By doing this, you are making positively sure the thermostat has been re-set to its “On” position and ready to operate.
- 2) Remove the unit from the freezer or bring it in from outside. Hold the unit by the cord or place it on a workbench. (This is for safety reasons because you are about to turn the unit on and if the element heats-up, you won’t want to be touching it).
- 3) Plug the unit into a working outlet making sure not to touch the element. You should feel it heat up within minutes or possibly seconds (Depending on the unit). Once you feel the heat, unplug the unit because the test is complete.
- 4) If it heats up, it is working perfectly fine. There can be no doubt about this as de-icers are very simple units; they either work, or don’t work. There is no in-between. A de-icer can’t work “Half way”.
- 5) Should the unit not heat up, it is conclusively defective and should be sent in for a warranty claim. Please send it to: Farm Innovators, 2255 Walter Glaub Dr. Plymouth, IN 46563.

It is not uncommon for a customer to think a de-icer is malfunctioning if it does not perform to their expectations. The reasons are many...The conditions the de-icer is exposed to will greatly affect its performance. Wind can literally steal the heat from a de-icer faster than it can produce it. Extension cords can reduce the power supply causing the unit to operate below par. The size of the tank may be too much for the given unit and/or the wrong de-icer for the wrong application. Etc....

The key is to follow the above directions without deviation.