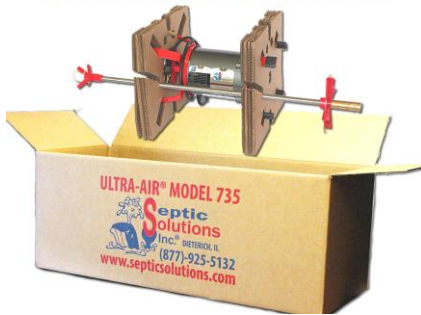


ULTRA-AIR® MODEL 735 ASSEMBLY & INSTALLATION

READ BEFORE REMOVING ULTRA-AIR FROM THE SHIPPING BOX

The Ultra-Air has largely been pre-assembled at our warehouse for your convenience. There are a few things that need to be done by you before installation:

PRE-ASSEMBLED & PROFESSIONALLY PACKAGED



1. Remove the cardboard end panels from both ends of the motor assembly.
2. Lift the motor assembly and shaft out of the shipping box by inserting your fingers through the openings in the cardboard cradles. **Caution: Do not lift the unit by the shaft.**
3. Remove the motor and shaft assembly from the cardboard cradles.
4. Place the motor assembly on a workbench or sturdy surface with the handle facing down and the shaft pointing up.
5. Using a 5/32" Allen wrench, loosen the top two set screws on the brass coupling.
6. Slide the brass coupling and shaft assembly onto the motor shaft. Push firmly until you hear a distinct click (the motor shaft and stainless steel shaft are now fully seated inside the coupling).
7. Hand-tighten all four set screws on the brass coupling securely with the 5/32" Allen wrench.
8. Remove the foam ball and rubber bands from the aspirator end of the shaft.
9. Grasp the motor assembly by the brackets first, then the handle. **Caution: Never lift, carry, or support the unit by the shaft. Avoid twisting or torquing the shaft.**
10. Using the built-in handle, carefully lower the entire assembly into the tank until the upper brackets rest solidly on the riser.
11. With power turned off, plug the motor into the outlet.
12. Turn the power back on.



13. Replace the cover over the motor assembly.

ULTRA-AIR® MODEL 735 OPERATION

The Ultra-Air Model 735 is designed for **continuous operation**. While some septic systems may use a timer for the aerator, we recommend running the unit continuously for best overall life and performance.

Important: The Ultra-Air Model 735 motor does not have built-in thermal or overload protection. It must be installed on a control panel that contains a 5–7 amp breaker to protect the motor from high current. Failure to install the unit with a compatible control panel will void the warranty.

ULTRA-AIR® MODEL 735 MAINTENANCE GUIDE

Proper maintenance is essential to prevent premature motor failure, reduce vibration, and keep your warranty valid. Most issues with in-tank aerators are caused by high water levels, debris buildup, or continued operation with excessive vibration — all of which are preventable with proper maintenance and expressly excluded from warranty coverage.

Regular Maintenance Schedule

Every 2–3 months (or more often if needed):

- **Inspect and clean the shaft:** Remove the motor assembly from the tank. Check the stainless steel shaft for debris (toilet paper, hair, clothing fibers, wipes, rags, etc.) wrapped around it. Clean thoroughly and remove any buildup. **Tip:** This is the single most important maintenance task. If you are seeing excessive debris continually caught on the shaft, you may consider having your tank pumped out and cleaned thoroughly.
- **Check the aspirator tip and suds restrictor disk:** Ensure they are present, undamaged, and properly installed. Missing or damaged parts can cause imbalance and vibration.

- **Monitor tank water levels:** Never allow water to reach the motor. Even brief submersion can damage the motor. **Keep the water level well below the motor at all times.**
- **Test for excessive vibration** Start the unit and look for strong vibration or imbalance. **If strong vibration occurs:** Immediately shut off the power. Do not run the unit until the cause is corrected.

Handling & Safety During Maintenance

- Always turn power off before removing or reinstalling the unit.
- Lift the motor assembly **only** by the brackets and handle. **Never lift, carry, or support the unit by the shaft.**
- Do not twist or torque the shaft while handling.
- After cleaning, reinstall carefully so the upper brackets rest solidly on the riser.

Important Warranty Note

Continued operation during high water events or with excessive vibration will cause accelerated wear and potential catastrophic failure. These conditions are **not covered** under the limited warranty. Proper maintenance is the owner's responsibility.

For questions or warranty claims, contact Septic Solutions at **217-925-5992** (8:00 am – 4:30 pm Central Time) before returning any merchandise.

Keeping up with this simple 2–3 month routine will dramatically extend the life of your Ultra-Air aerator and protect your warranty coverage.