

CNT-3M LOW PROFILE CONDENSATE NEUTRALIZATION TANK INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

Installation Instructions

NOTE - Check with your local water authority for regulations regarding discharge of treated condensate to the drain or sewer system.

WARNING

- **“Risk of damage to appliance”.** The neutralization tank inlet and discharge must be at a lower elevation than the condensate drain from appliance.
- **Do not allow exhaust flue gases to vent through the neutralization kit.** All condensate drains must have a trap to prevent flue gas leakage. Flue gas leakage can cause injury or death from carbon monoxide.
- **Connection to the appliance and neutralization kit must be installed to ensure that no condensate backflow into the appliance can occur.**

Set the neutralization tank on a secure and level base. Connect appliance condensate drain to the inlet using corrosion resistant piping. Do not route the condensate line through any area that is exposed to freezing temperatures. If traffic poses a risk, install some protection to prevent movement and/or damage. Ensure that no air pockets will remain or form in the piping and that the condensate will flow freely from the appliance condensate drain into the tank and then to the drain.

Operation

The appliance condensate will flow through the neutralizing media, raising the pH of the condensate to a level that will help prevent corrosion of the domestic drain and the public sewer system.

Maintenance

Monitor the cleanliness, level of the neutralization media, and pH level in the tank monthly. Remove any precipitate coating or debris found to prevent blockages. The pH can be checked after the condensate has exited the tank or by removing the lid and taking a sample from the last chamber before the outlet. Use a suitable pH test strip paper or an electronic pH meter for precise measurement. The neutralizing media should be replaced when the pH level drops below the minimum level of the local water authority, or after one year, whichever comes first. For replacement LipHter™ media contact your local DiversiTech distributor or visit www.diversitech.com for more information.

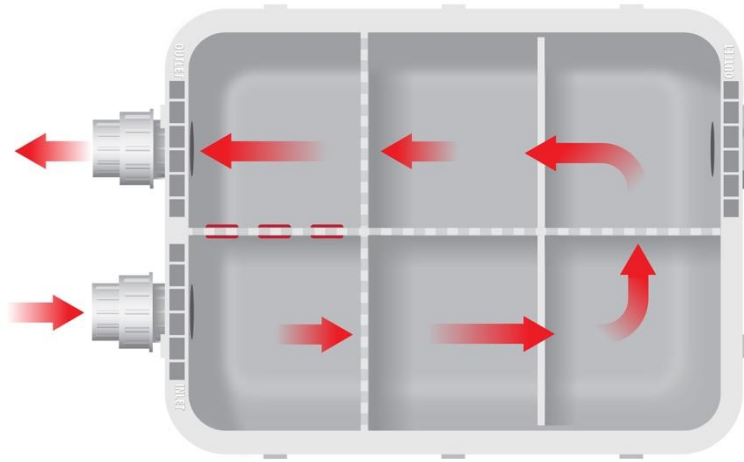


Figure 1: Preferred installation set up. Check with the appliance manufacturer for condensate flowrate or go to our website and use the sizing calculator. As a guideline 3,000,000 BTU/hr at 96% efficiency will produce approximately 20 Gal/hr (75 L/hr).

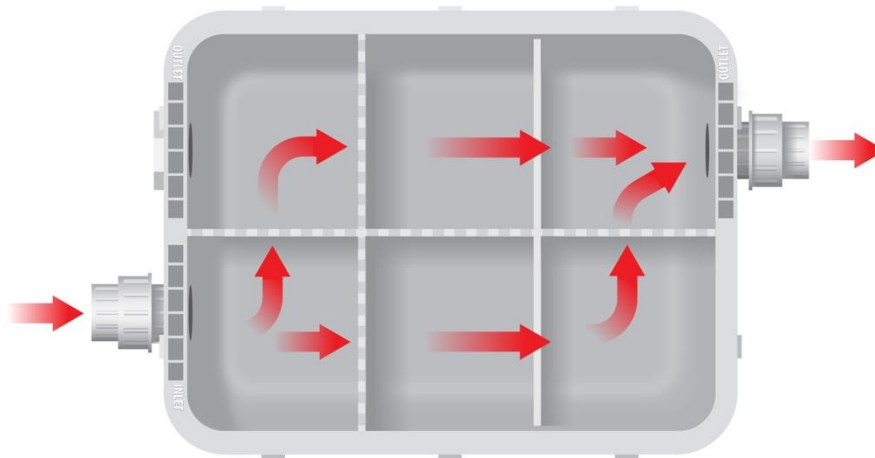


Figure 2: Inlet on opposite side of outlet. Remove plugs from baffle wall. Check with the appliance manufacturer for condensate flowrate or go to our website and use the sizing calculator. As a guideline 2,250,000 BTU/hr at 96% efficiency will produce approximately 15 Gal/hr (56 L/hr).

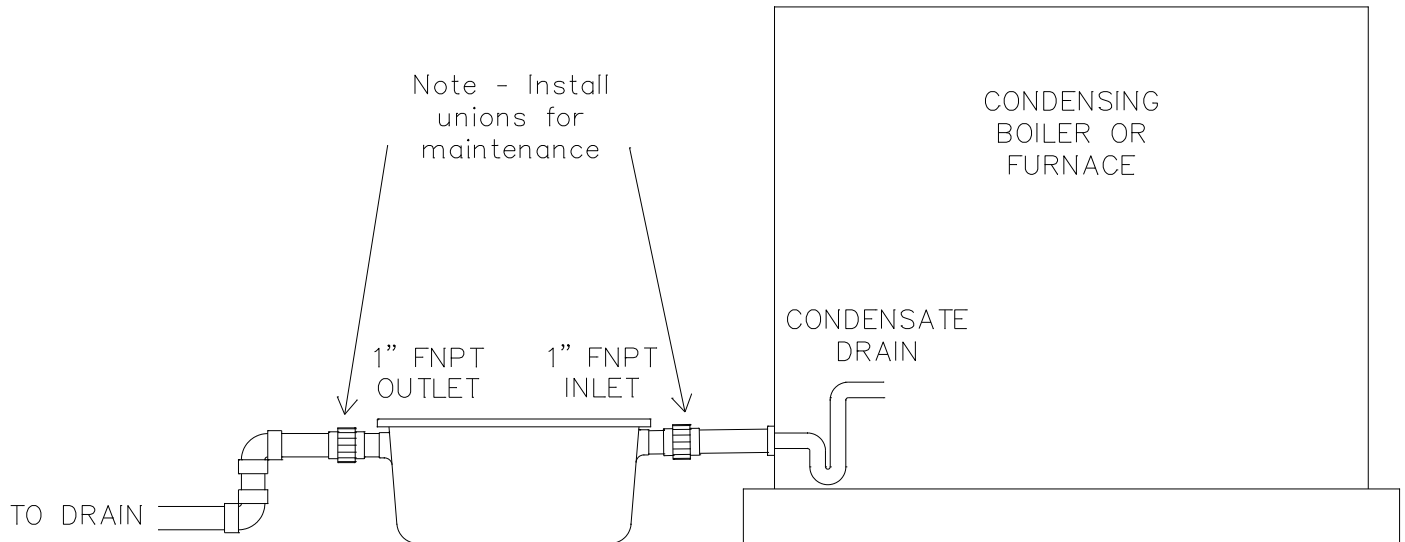


Figure 3

NOTE - Installing a union at the inlet and outlet is recommended for quick removal of the tank when changing the neutralizing media.

Limited Warranty

The CNT-3M is warrantied against defects in materials and workmanship for one year.