

Raintree™ Cat Condo Installation Information

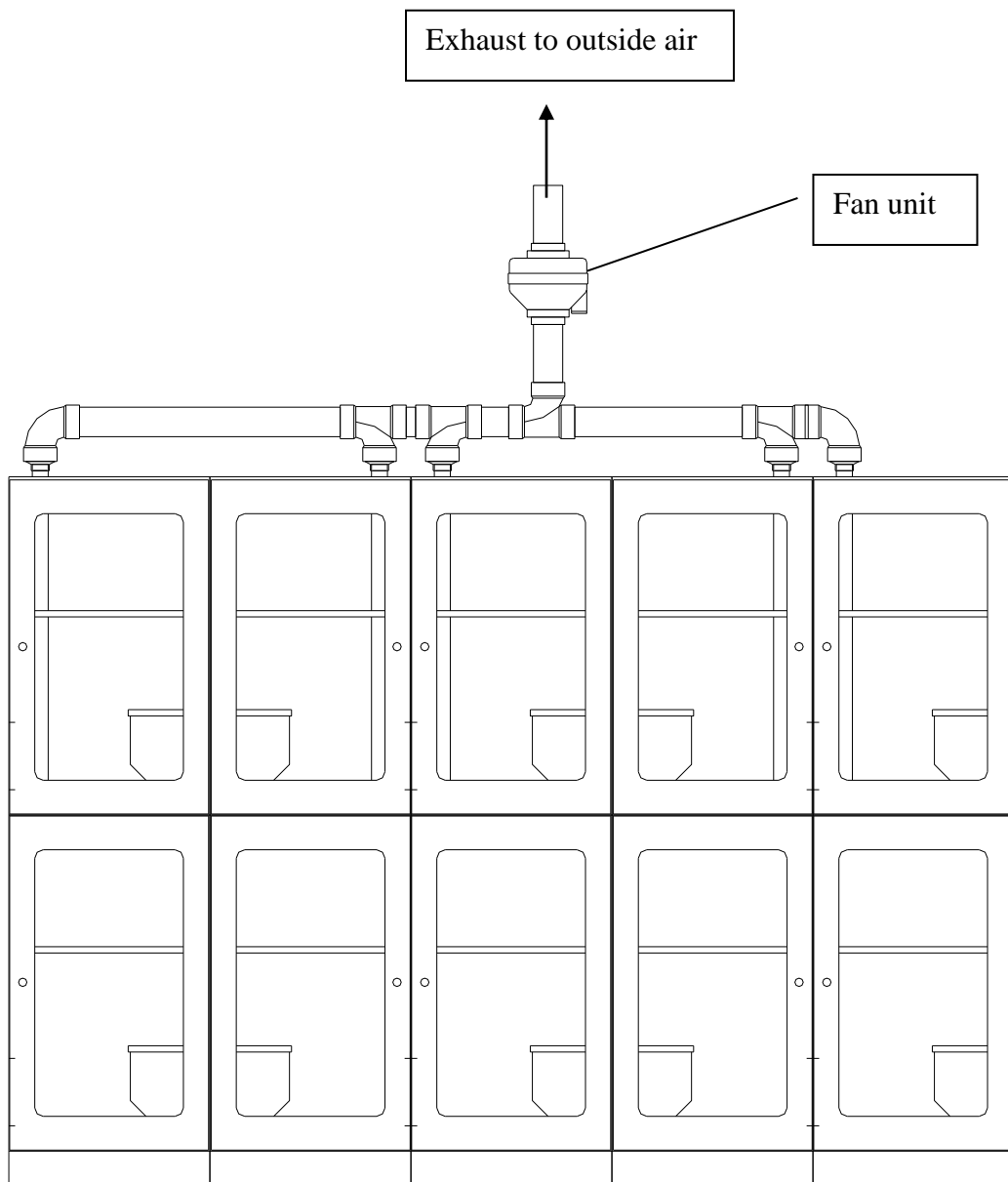
1. Move the units into the area where they are to be installed before unpacking them.
2. Begin placing the Lower units in their respective positions. Due to varying floor conditions you may need to use shims to complete your installation. Shims are readily available at your local lumberyard. As each unit is set in place use a level and as necessary use shims to level the unit and match heights with any adjacent units. Units should touch along the complete length of their sides (and backs if you have the units configured back to back). **Note:** it is care taken at this stage that will yield the proper alignment of the upper units and lead to the best overall installation.
3. Start placing the Upper units onto the Lower units. Note that there are small recesses in the tops of the lower units and nylon locator buttons on the bottom of the Upper units. Move the Upper unit onto the Lower Unit until the locator buttons drop into the recesses.
4. Verify that all units line up properly. If they do not you may need to set down the Upper Units as required and adjust the shims for the Lower Units.
5. Install the portal grommet ring if your units have portal doors by positioning it in the bottom of the portal opening first. The portal grommet should be folded in on itself at the top. Using the supplied silicone apply silicone to the inner surface of the grommet. Finish pressing the grommet ring into position. The bottom half of the grommet can be pulled up and silicone applied in the same manner to the lower half of the grommet. Wipe away any excess silicone using a clean cloth and denatured alcohol.
6. If you have units with glass doors you will need to make your ventilation connections now. See Ventilation Information section below.

Ventilation Information

Midmark Company recommends the following:

1. We recommend that 2.5 to 10 CFM of fresh air be delivered to each condo.
2. 1 – 10 units can be ventilated with one fan. If more than 10 units are to be installed then an additional fan(s) will be required. (The illustration shows a 5 Unit bank.)
3. If more than 10 units are to be installed in one room, make up air requirements should be discussed with your local HVAC contractor.
4. If two or more fans are required, each fan should exhaust separately to avoid cross contamination.
5. Use all PVC ducting – (for resistance to elevated levels of ammonia vapor from cat urine)

6. Ventilation piping to be Schedule 40, PVC-DWV, drain and vent piping. PVC cement and primer should be used to seal joints as required.
7. Main manifold piping to be 3" with 1 -1/2" take-offs to each condo.
8. Use a fan unit with a plastic housing and impeller. We recommend Fantech model FR110 (for 5 condos or less) and Fantech model FR-160 (for 5 to 10 condos) or equivalent. These fans require a dedicated 110v/1P/60Hz, 15 amp circuit.
9. Exhaust fan to be mounted near the manifold and near the center of loading to maintain near equal flow rate in each branch.
10. It is recommended that the fan(s) run continuously if cats are being housed. Fan proving alarm and switch may be installed.



Questions or problems? Call Midmark Company at 800-543-5567 or send an email to leesburg@midmark.com. Our regular business hours are Monday – Friday 8:00 a.m. – 5:00 p.m. Eastern time. If you call us during non-working hours, leave a message and a Midmark representative will contact you on the next working day.