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PRODUCT GUIDE FOR

Ventaire

Single Disappearing

Underfloor System

With Throat Seal

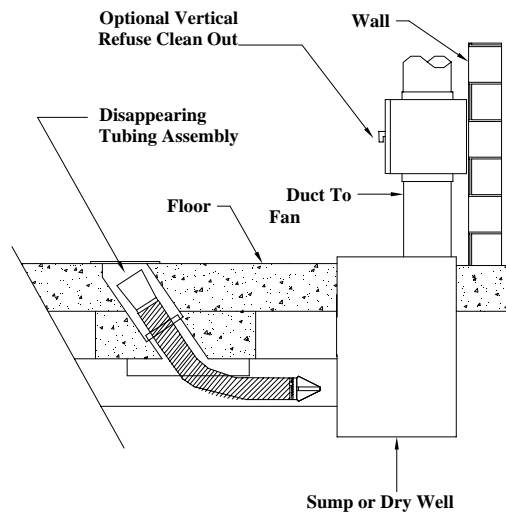


FIG 1

INTRODUCTION

1. Prior to installation inspect all the components received for shipping damage. If damage occurred contact your Venteaire representative for assistance.
2. Read **ALL** the instructions before proceeding with any installation, operation, or maintenance.

INSTALLATION

1. Install the disappearing underfloor exhaust fixture as follows.

STD – Single Hose Systems:

2. Dig the trench depth between a minimum depth of 'A' to a maximum depth of 'A' + 3" (See FIG 2).

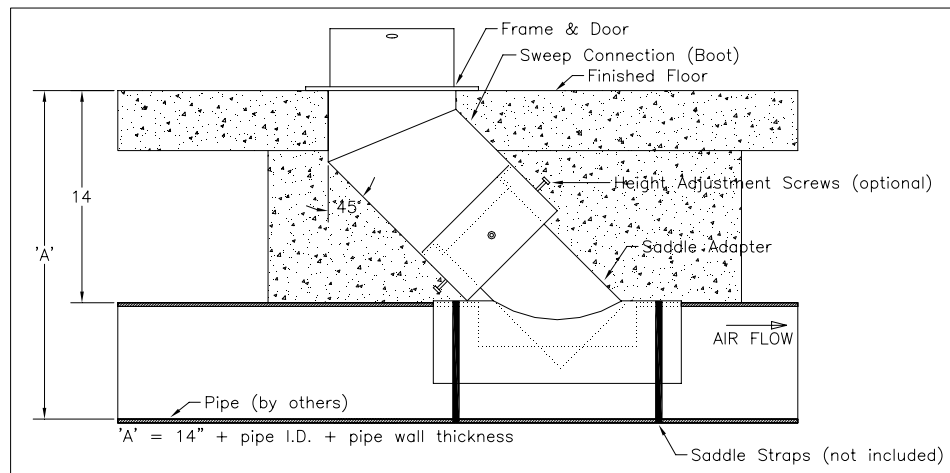


FIG 2

3. Install the pipe in the ground according to industry standards. The pipe should be pitched at least 1" for every 40' of pipe towards the fan and sump pump or dry well. The sump pump or dry well should be installed at the low end of the pipe.
4. Cut a hole in the pipe matching the opening on the saddle adapter. Consult the building plans for exact hole location. Please note the offset.
5. Apply Duct Sealant around the opening. Center the saddle over the opening and fasten it to the pipe using saddle straps. The use of screws may damage tubing while storing the hose. Be certain all saddles are inclined in the proper direction to ensure proper airflow.
6. PVC tape is applied to the saddle where the round tube meets the curved plate. If the seal has been broken, sealant may be applied to ensure that the concrete does not enter the exhaust system.
7. Backfill around the pipe but leave the saddle area exposed. This area will be filled with concrete.
8. Place the boot and door assembly over the saddle adapter. Set the fixture to the proper height and position using wooden stakes for support if required. Height adjustment screws (squash nuts) are included; tighten them securely at this time.
9. To ensure that no concrete enters the system, apply sealant to any apparent gaps between the saddle and the boot.
10. Pour the floor, making certain that the area around the saddle and fixture is completely filled in.
11. Begin assembling the flexible tubing and accessories as show in FIG 3.

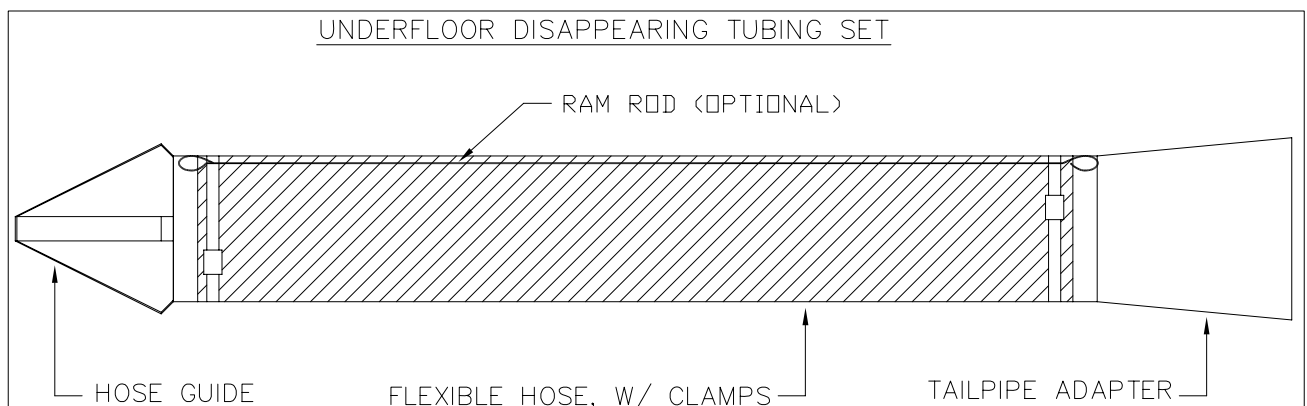


FIG 3

12. Fasten the hose guide to the flexible tubing using the provided hose clamp. To ensure a rigid connection is established, drill and rivet the connections through the hose clamps.
13. Fasten the tailpipe adapter to the other end of the flexible tubing using the provided hose clamp. To ensure a rigid connection is established, drill and rivet the connections through the hose clamps.

14. If an optional ram rod is supplied, attach the ram rod to the sleeves of the hose guide and the tailpipe adapter.
15. Insert the tubing assembly into the floor fixture to ensure the tubing assembly can be completely concealed in the underground duct (See FIG 1).

For Systems with VRCO Vertical Refuse Clean-Out (FIG 4)

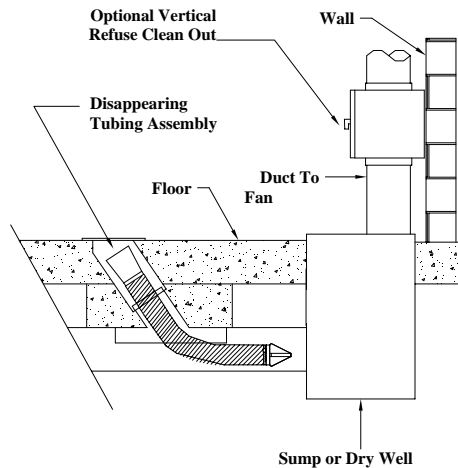


FIG 4

16. Determine an accessible location for the vertical refuse clean-out.
17. Cut the duct from the floor to the desired height.
18. Connect the duct from the floor to the bottom of the clean out using appropriate fasteners. (Not Included)
19. Connect the duct from the top of the clean out to the fan using appropriate fasteners. (Not Included)
20. Turn on the fan to test the system for leaks.

OPERATION

Complete operation of the Ventaire floor fixture is simple and can be done in a few easy steps.

1. When not in use, tubing assembly should be completely contained under the floor. The adapter should be positioned just below the floor height so that the door can be closed.
2. To use the system, open the floor fixture door and withdraw the tubing from the floor fixture to the desired length. For proper operation, the hose and hose guide cannot be pulled entirely out of the fixture.
3. Always use care when withdrawing and inserting the flexible tubing set to avoid damaging the tubing set and the connections.

4. Attach the tailpipe adapter to the vehicle exhaust tailpipe.
5. Turn on the exhaust fan.

When finished simply:

1. Turn off the exhaust fan.
2. Return the adapter and hose to the floor fixture and close the fixture door.

NOTE: When not in use keep hose and adapter inside of the fixture with the fixture door closed to minimize vacuum losses in other parts of the system.

MAINTENANCE

1. Routinely check the exhaust hose for excessive wear to ensure proper airflow. Replace if necessary.
2. Periodically check all the connections between the tubing, hose guide, and adapter. Tighten if necessary.
3. Periodically check the floor fixture opening and hinges to ensure proper working order is maintained. Also, keep the floor fixture free from any obstructions.
4. Exhaust fan maintenance: see the instructions provided by the manufacturer.
5. The rigid ductwork may require periodic cleaning. Clean as required.