



It's time to get comfortable.

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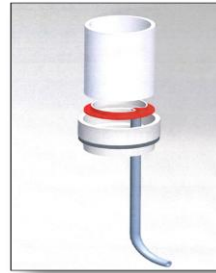
ST-011-14

To: All York Distributors
All York Branches
All Regional Managers

Subject: 33” 90% Gas Furnace Combustion Air Intake Drain

Product Models: YP9C, TM9M, TM9V, TM9T, TM9X, & TG9S

In follow up to service letter YS-039-10 we will begin packing an air intake drain in the small parts package on each of the 33”, 90% gas furnaces beginning with March 2014 production. This air intake drain will fit in the combustion air attachment collar and will include a drain hose that can be attached to one of the highest unused ports on the condensate drain pan.



This letter is advance notice that the air intake drain and drain hose is being packed in the small parts package and provides interim instructions until I&O manuals are updated. The verbiage being added to the installation instructions will be in the form of a Warning and Caution as shown below. This verbiage is already present in the installation instructions available in the Product Center on UPGnet, but not in the instructions that were packaged with the product since the first of the month. The updated instructions will begin being packed with the furnaces on Monday, March 17th.

▲ WARNING

Condensation in Intake Pipe
Installations where the furnace and intake pipe are to be located in a conditioned space and in a region that may have hot, humid weather extending several consecutive days will have condensate form in the intake pipe. Use of the supplied intake drain will ensure that any condensate will be safely diverted away from the internal components of the furnace. Proper venting installation (of both intake and exhaust) and sealing any equipment air leaks that might contact the intake pipe will help reduce condensation.

▲ CAUTION

It is possible for condensation to form inside the combustion air (intake) pipe in the summer months if significant length of combustion air pipe passes through conditioned space. This problem can be averted by installing the supplied vent drain and drain hose located in the loose parts bag. The intake drain hose is to be installed by connecting it to the inlet pipe coupling and to the collector box as shown in Figures 29, 31, and 32. The drain hose must not sag or droop after it is installed. If glue is used when connecting the intake pipe to the intake coupling, the drain opening in the vent drain must not be plugged. If the intake drain is used, the bird screen cannot be installed. This is only approved for upflow and horizontal applications when the intake pipe is located on the top of the furnace. This is true for all long horizontal venting in any furnace configuration. This will keep condensate from entering the furnace.

This intake drain should be used whenever the combustion air is brought in the top of the furnace or through one of the side openings if the furnace is installed in a horizontal application. The diagrams included in the installation instructions that show venting and drain hose configurations for upflow, downflow and horizontal applications will include the appropriate application of the air intake drain and drain hose.

Note that the drain hose must not sag or droop after it is installed and should be connected to one of the highest unused drain ports on the condensate pan.

The air intake drain will also be available from Source 1 under part number S1-37327981001.

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