



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT  
WASHINGTON, DC 20410-8000

OFFICE OF HOUSING

December 9, 2015

MEMORANDUM FOR: All Inspection Primary Inspection Agencies (IPIAs)

FROM: Pamela Beck Danner, Administrator  
Office of Manufactured Housing Programs

A handwritten signature in black ink, appearing to read "Pamela Beck Danner".

SUBJECT: Nortek Global HVAC Furnace Service Bulletin TB15-120A/OEM

The Department of Housing and Urban Development's (HUD), Office of Manufactured Housing Programs, has become aware that Nortek Global HVAC (Nortek) has recently found that specific serial numbered furnaces of the M7TL, M7RL, and CMF95 furnace models have had the inline drain assembly installed incorrectly. According to the bulletin, the issue may result in the accumulation of water in the vent system and cause the inducer to retain water which leads to a pressure switch trip and inoperable furnace (refer to Technical Services Bulletin TB15-120/A/OEM, dated October 22, 2015, attached). As colder temperatures and winter months are upon us, an inoperable furnace is a safety-related issue that needs to be addressed accordingly. The Department asks that you work as necessary with your client manufacturers to minimize the impacts of this issue.

Based on the description of the problem provided by Nortek, these inconsistencies would meet the criteria for requiring a Subpart I investigation pursuant to 24 CFR §3282.404, if these furnaces have been installed in manufactured housing units. Some of your clients may have installed an affected furnace in their manufactured homes, therefore, pursuant to 24 CFR §3282.366(a), HUD is requesting your agency send a copy of the attached notices to your manufactured housing clients, that they identify all of the homes containing these products.

The results of the manufacturer's investigation should be reported within thirty (30) days of the date of this memorandum to the SAA (and copy to HUD) if affected homes are manufactured in a single state with an SAA, or to HUD if affected homes were manufactured in more than one state or if there is no SAA in the state of manufacture. In the event a class of homes is identified, you are reminded that the IPIA shall concur in the method used to determine the class of potentially affected manufactured homes or shall state why it finds the method to be inappropriate, inadequate, or incorrect [24 CFR 3282.366 (b)].

HUD also requests that if it's determined that a class of homes does exist, that the home manufacturers work with the product manufacturer to notify consumers of the issue and provide HUD with a plan of notification for approval, including the list of affected homes. To expedite this process, you may notify Jason McJury of the results via email at: [Jason.C.McJury@hud.gov](mailto:Jason.C.McJury@hud.gov)

Should you have any questions regarding this matter or your responsibilities under the Regulations, please contact Jason McJury, Office of Manufactured Housing Programs, at (202) 708-6423.

Attachment

\*\*\*\*\*Revised\*\*\*\*\*

**TO:** Aftermarket Distributors and Dealer  
**FROM:** Nortek Global HVAC Technical Support  
**DATE:** October 22, 2015  
**RE:** M7TL, M7RL and CMF95 Inline Drain Assembly

Nortek Global HVAC Technical Service Department has received reports relative to the inline drain assembly being installed incorrectly. The affected serial number range is indicated below:

M7RL- M7G150603375 to M7G151008997  
M7TL- M7G150605500 to M7G151008917  
CMF95-CMG150530017 to CMG150941016

In many cases, the issue will not be apparent during initial startup, but over time water could potentially accumulate in the vent system and cause the inducer to retain water which leads to a pressure switch trip.



Incorrect: arrow on the inline drain assembly pointing towards the inducer assembly

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Correct: the arrow on the inline drain assembly pointing away from the inducer assembly

Nortek Global HVAC will cover the following repair scenarios.

1. Distributors with the above serial number ranges in stock, warranty will provide \$30.00 for the inspection and installation of the inline drain assembly in the correct direction.
2. If the contractor discovers the inline drain assembly error after the installation of the furnace, Nortek will pay 1 hour warranty labor plus mileage.

Attached you will find directions for installing the inline drain assembly.

If you have any questions please contact Nortek Global HVAC Technical Service at 1-800-422-4328

Thank You  
NORTEK Global HVAC Technical Support

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**Instructions for installing in the inline drain assembly in the correct direction.**

1. Remove the door on the furnace
2. Loosen the 2 clamps on the rubber coupling connecting the PVC flue going into the furnace with the rest of the flue.



3. Loosen the 2 clamps on the inline drain assembly with a 5/16ths nut driver

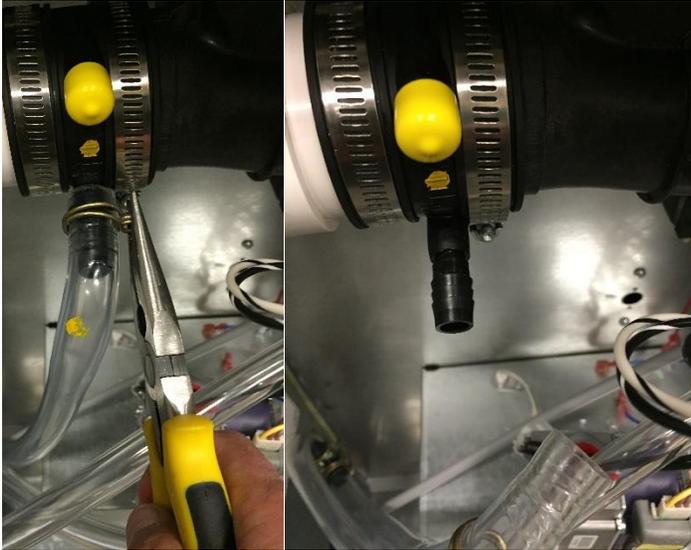


4. Remove the PVC vent from inline drain assembly.



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5. Pinch the clamp holding the drain connected to the inline drain assembly and remove the barbed fitting and drain tube from in the inline drain assembly.



6. Remove the inline drain assembly from the inducer assembly

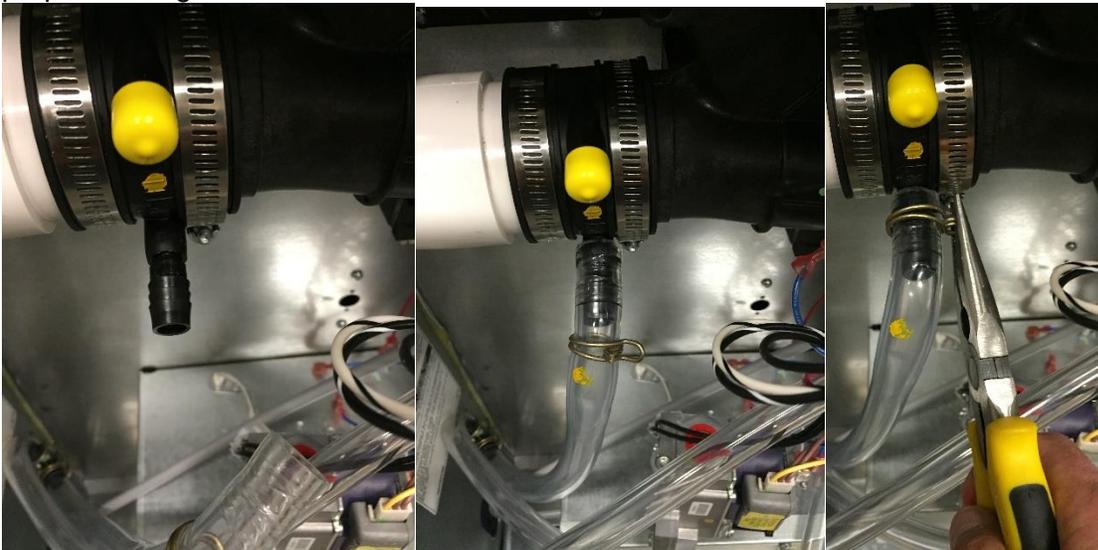


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7. Reinstall the inline drain assembly on inducer, insuring that the arrow on the inline drain assembly is pointing away from the inducer assembly



8. Reinstall the barbed fitting in the lowest opening of the inline drain assembly, then install the barbed fitting (*insure that the barbed fitting 3/8<sup>th</sup> side of the barbed fitting inserted fully in the inline drain assembly outlet*). Install the clear drain tubing on the barbed fitting and secure with the metal clamp. The outlet of the inline drain should have 10° pitch downward to insure proper drainage.



9. Reinstall the yellow cap on the upper drain opening, insuring that the cap is securely on the upper inline drain assembly opening
10. Reinstall the PVC vent pipe to the inline drain assembly

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11. Tighten the clamps on the inline drain assembly using the 5/16<sup>th</sup> nut driver.



12. Start the furnace and inspect the furnace for proper condensate drainage from the inline drain assembly.

Thank You

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