

TECHNICAL INFORMATION COMMUNICATION



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Quality and Continuous Improvement

Number: TIC2017-0009

Date: 12/14/2017

Title: Improvements for Horizontal Right “A” Coil Applications

Product Category: Furnace Coils

Products Affected

CAPMP coils, all sizes.

Situation

Production of CAPMP coils have been shipping since week 3817 with an additional condensate pan support bracket and a factory seal between the horizontal and vertical drain pans to prevent potential water blow out conditions. Beginning week 5017, these units also include a carton containing a drain pan extension that is needed for horizontal right applications only. The pan extension is to be field installed per the updated coil installation instructions to prevent potential water blow off issues.

Technical Information

A voice of customer project identified CAPMP coils as potentially having water management issues when installed in the horizontal right position. Investigation identified two concerns for horizontal right applications:

1. Potential water dropping off the coil and carrying into the air stream during high CFM (blow off).
2. Potential water being pushed between the drain pans and out of the cabinet corners (blow out).

Areas that are not prone to high condensate applications may not experience any issues. These improvements will help avoid any damage to surroundings in the event of high condensation periods. The pan extension can be discarded if the unit is not being installed in the horizontal right position.

Installation instructions have been updated (IM-CAPM-09). Changes include the following:

1. The carton includes a strip of cork tape. The cork tape is used to create an air seal between the undersides of the pan extension and in front of the vertical drain pan. See Figure 1.
2. Horizontal Right Installation (figure below) is included to show the extension pan installed using the included self-tapping screws. See Figure 2.

Only trained and qualified personnel should design, install, repair and service HVAC systems and equipment. All national standards and safety codes must be followed when designing, installing, repairing and servicing HVAC systems and equipment. It is the responsibility of the Dealer to ensure local codes, standards, and ordinances are met.

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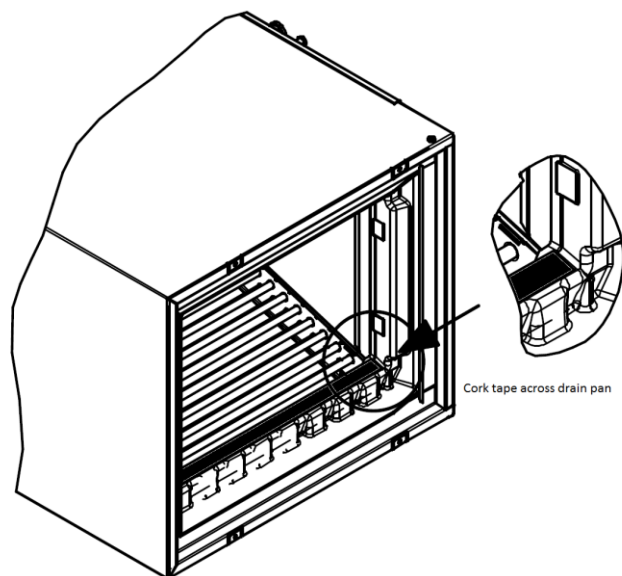


Figure 1

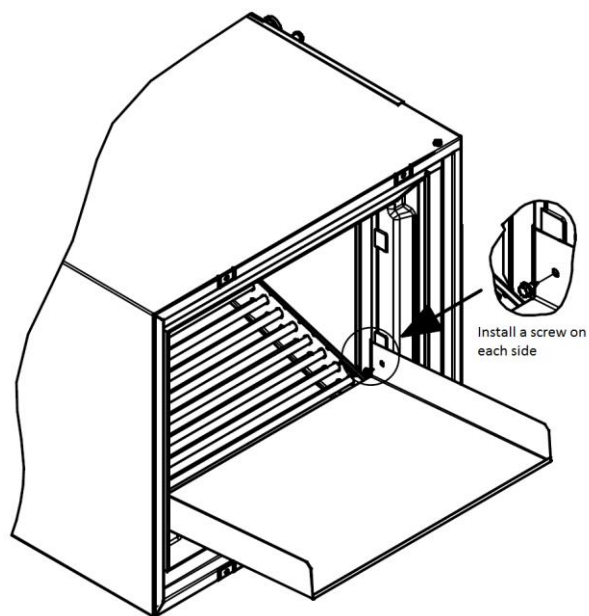


Figure 2

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References

Installation Instructions IM-CAPM-09

A replacement pan extension kit is set up but may not be available until late February 2018. Part number for the replacement pan extension kit: 343679-701

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