

General Service Bulletin

Foil Delamination

Models: *UD100R9V5K, *UD2C100ACV52A

Serial Numbers: 6010*** to 1352*******

Model: *UD2C100A9V5VA

Serial Numbers: 6010*** to 1225*******

ORDER No: **FURN-SVB49A-EN** DATE: **January 23, 2013**

Supersedes FURN-SVB46B-EN

This bulletin adds 2 additional affected furnace models, provides a kit to secure the insulation to the cabinet and extends the expiration date.

Introduction

This bulletin outlines the risk of foil delaminating from the furnace cabinet.

- There is potential for the foil to delaminate and blow into the coil which can restrict air flow and block condensate.
- The action described in this bulletin should only be taken on units that experience foil delamination failures.
- *This is a "Fix on Fail" action.* The action described in this bulletin should only be taken on units that experience condensate leakage.
- The action described in this bulletin is not being taken to address a safety concern.



Discussion

Foil delamination is most often caused by high static / high air velocity conditions. The air side design using a 21 inch wide furnace with a 5-ton blower can be challenging. Evaluate the ductwork along with coil & filter selection to ensure a proper air side design. Total external static pressure inside the furnace cabinet should not exceed 0.85 inches of static.

Action

Installed Units:

- Inspect the inner walls of the burner cabinet or the entering air side of the cooling coil for foil delamination. Foil trapped in the cooling coil will often become evident by poor system performance
- If foil break down is found; remove the foil from the coil and all air side components in the system
- Check total system static pressure with the return static reading at the furnace blower and the supply static reading between the blower and coil
- Air side modifications (coil / filter selection and duct system) must be modified if total external static exceeds 0.85 inches of static
- If foil delamination is found, install **KIT16433** to secure the insulation and ensure the coil and air side system is clean

Parts Ordering Information

Order **KIT16433** through your local Trane or American Standard sales office.

Questions

Distributor personnel Contact your local Field Service Representative. FSRs should contact the Technical Support team in Tyler, TX. For questions regarding Falcon claims, call 903-266-3700



Affected Models
*UD100R9V5K
*UD2C100A9V5V
*UD2C100ACV52A

Literature Order Number	FURN-SVB49A-EN
File Number	
Supersedes	FURN-SVB-46C-EN
Stocking Location	Electronic Only

American Standard and Trane has a policy of continuous product data and product improvement and reserves the right to change design and specifications without notice. Only qualified technicians should perform the installation and servicing of equipment referred to in this bulletin.