

General Service Bulletin

Single Stage 95 Inducer Noise

Models: TUH1, TDH1, AUH1, ADH1 (See complete list page 3)

Serial Numbers: 09244XXXXX through 11525XXXXX

ORDER No: FURN-SVB44B-EN

DATE: September 23, 2011

This bulletin supersedes FURN-SVB44A-EN to include a potential whine noise from the inducer.

Introduction

This bulletin provides information to address a potential noise/vibration concern for the furnace models noted in this bulletin. The action described in this bulletin is not being taken to address a safety concern. This is a "Fix on Fail" Action.

Discussion

- **Furnaces exhibiting a vibration noise:**

Reports have indicated that some inducer assemblies may emit a vibration noise due to an imbalance of the inducer blower wheel. New inducer assemblies with a Fasco date code of MB1711 (see figure 4) or later are available to eliminate this vibration issue.

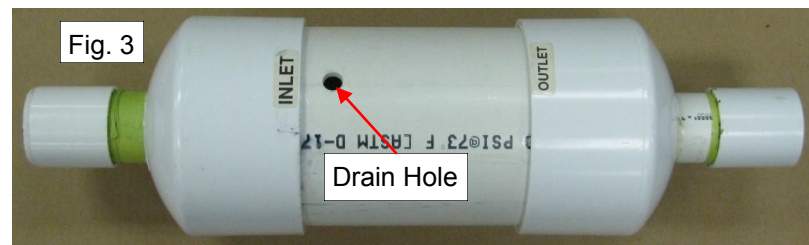
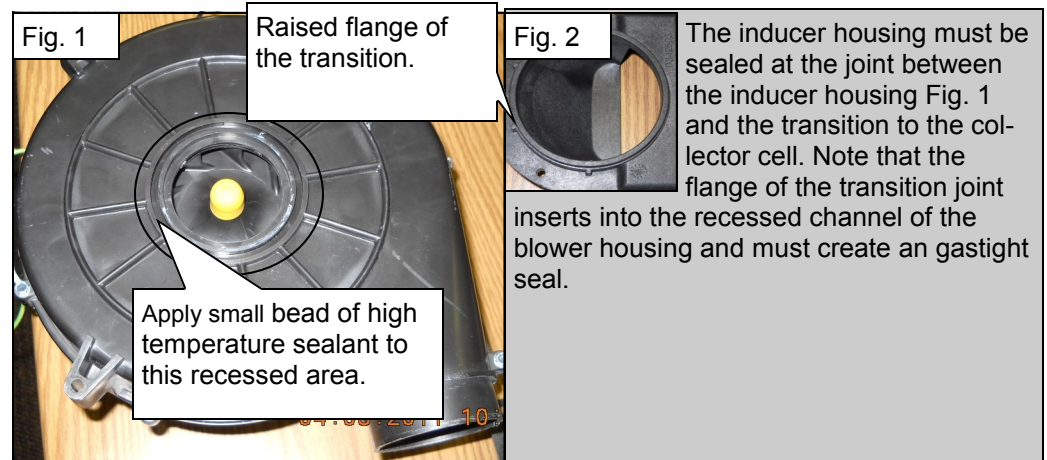
- **Furnaces exhibiting a high pitch — blade pass frequency noise:**

The inducer blades and housing configuration may generate a high pitch whining noise (a high pass frequency). This noise may be transferred through the vent system. Installing a muffler (see figure 3) in the exhaust vent will absorb this frequency.

Corrective Action

- **For furnaces that experience a vibration noise:**

Replacing the inducer motor will resolve the vibration noise issues. Ensure the Fasco motor date code is MB1711 or later (see figure 4). All furnaces manufactured after a 11111 serial date code will have the new inducer assembly and should not exhibit any vibration noise issues. A bead of high temperature RTV sealant must be applied to the new inducer assembly before installing to the furnace collection cell transition (see figures 1 & 2).



- **For furnaces that experience a high pitch frequency noise:**

Replacing the inducer assembly may not resolve the high frequency blade pass noise. The only currently resolution is the installation of a muffler (MFL00101) in the exhaust vent.

The MFL00101 is only available with a 2 inch inlet and outlet and must be installed in the exhaust vent as close to the furnace as possible. There is a hole close to the inlet fitting that allows for condensate draining when applied in horizontal applications. The muffler is 23 inches tall, 8 inches wide and accounts for 5-feet of equivalent length.

Note: This muffler is not ULC-S636 approved for Canadian Installations.

Parts Ordering Information

- **For furnaces that experience a vibration noise:**

For vibration issues, order the inducer assembly based on the furnace model number from your local Trane or American Standard parts center (BLW00864, BLW01137, BLW01138, BLW01139).

- **For furnaces that experience a high pitch frequency noise:**

For blade pass high frequency noise issues, order the muffler (MFL00101) from your local Trane or American Standard parts centers.

Material Disposition

Dispose of the original inducer assembly involved with this repair according to the instructions of the Trane/American Standard Field Service Representative or warranty parts associate.

Bulletin Expiration

This bulletin will expire on April 30, 2012. All repairs must be completed and the Falcon claims entered before that date.

Questions

Dealers and Distributor personnel Contact your local Field Service Representative. FSRs should contact Field Operations Excellence.



Models	
ADH1B040A9241A	TDH1B040A9241A
ADH1B065A9421A	TDH1B065A9421A
ADH1C085A9481A	TDH1C085A9481A
ADH1D110A9601A	TDH1D110A9601A
AUH1B040A9241A	TUH1B040A9241A
AUH1B060A9361A	TUH1B060A9361A
AUH1B080A9421A	TUH1B080A9421A
AUH1C080A9601A	TUH1C080A9601A
AUH1C100A9481A	TUH1C100A9481A
AUH1D100A9601A	TUH1D100A9601A
AUH1D120A9601A	TUH1D120A9601A

Literature Order Number	FURN-SVB44B-EN
File Number	
Supersedes	FURN-SVB44A-EN
Stocking Location	Electronic Only
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.	