

## **BULLETIN NO. 090819**

**DATE:** 08/19/09

**PRODUCT:** Q90-50/75/100 Boilers

**FROM:** Technical Service Department

**TITLE:** New Inducer motor/blower assembly

### MODELS AFFECTED

Q90-50	Q90-75	Q90-100
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**SITUATION:** We have received reports that in certain installations the inducer motor/blower assembly vibrates causing unacceptable sound levels. The performance of the blower was not affected.

**SOLUTION:** The inducer motor/blower assembly has been redesigned with new components to reduce sound levels associated with vibration.

**Production models:** We are schedule to begin use of the new inducer assembly starting September 7, 2009.

**In Field Product:** The new inducer assembly will be available as a field replacement kit. The part number for the kit is 2272065. The replacement mounting is physically identical to the original part and requires no retrofit or additional parts. The new inducer can be distinguished by its color. The original housings were light grey and the new housing is black. See photos 1 & 2.



PHOTO 1: Original Inducer



PHOTO 2: New Inducer

**NOTE:** Be sure to check for other sources of unwanted sound:

- The inducer must not be allowed to support the weight of the PVC vent pipe. The vent pipe must be properly supported with brackets or pipe hangers secured to the structure.
- Check for vibration transmission between the flue pipe where it passes through the boiler jacket. Contact at the jacket penetrations can transmit unwanted sound transmission. See photo 3.
- When penetrating the side wall, always be sure to leave enough room for expansion and contraction of the vent pipe. 1/8 to 1/4 inch clearance around the pipe is recommended with a thin layer of sealant to seal the opening if required. See photo 4.

Flue pipe resting on boiler jacket can transmit inducer sound.

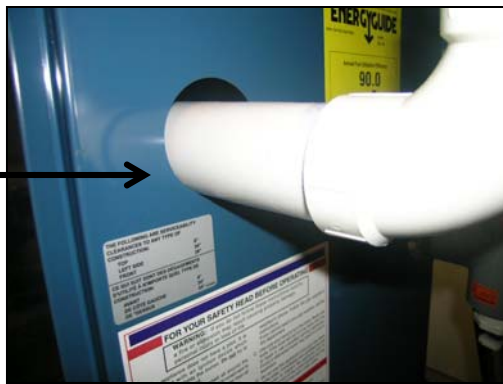


PHOTO 3: Flue pipe clearance



PHOTO 4: Wall penetration

While the reports are random, we will accept warranty return of any inducer kit (part no. 2272065) you have in stock. Please contact the Customer Service Dept. at (800) 325-5479 to arrange for a warranty exchange.

If you have any questions pertaining to the information contained in this bulletin please contact the Technical Support Dept. at (800) 325-5479.