

# Inducer Replacement Kit

## INSTALLATION INSTRUCTIONS

### For M3 (90+ AFUE) Series Furnaces

Read these installation instructions thoroughly before proceeding with the inducer replacement.

#### **⚠ WARNING:**

##### **FIRE OR EXPLOSION HAZARD**

- Failure to follow safety warnings exactly could result in serious injury or property damage.
- Replacement of the inducer must be performed by a qualified installer, service agency or the gas supplier. Improper installation, alteration, service or maintenance can cause injury or property damage.

##### **WHAT TO DO IF YOU SMELL GAS**

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Leave the building immediately.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

#### **BEFORE YOU REPLACE THE INDUCER**

1. Set the thermostat to the OFF position, or its lowest temperature setting.
2. Shut OFF the gas supply at the manual shutoff valve located outside of the appliance.
3. Turn off all electrical power to the appliance.

#### **REPLACING THE INDUCER ASSEMBLY**

1. Loosen the bottom hose clamp on the in-line drain assembly connecting the inducer to the vent pipe. See Figure 1.
2. Remove the three hex bolts which hold the inducer housing to the plastic collector box.
3. Remove the inducer.
4. Place a new plastic orifice ring into the opening of the new inducer. Refer to Table 1 for plastic orifice selection. Measure the hole size in the plastic orifice to ensure proper selection. **NOTE:** The hole size is also molded into the back side of the orifice for identification.

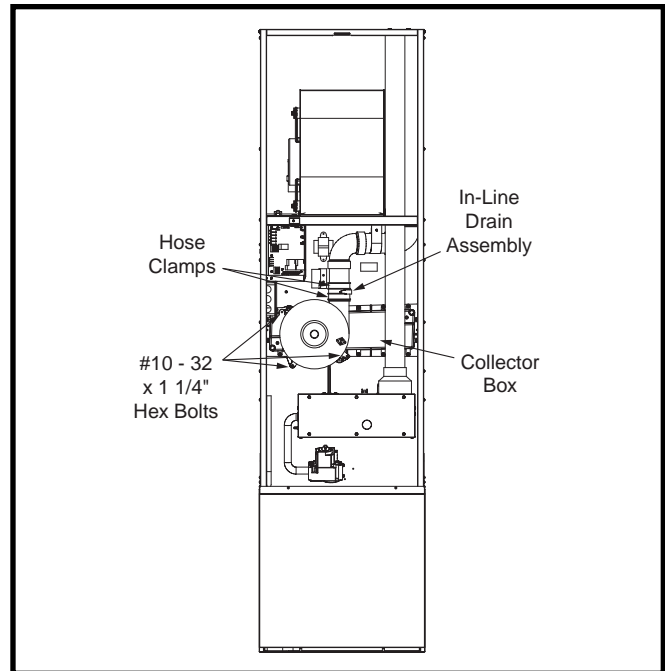


Figure 1.

| INPUT (BTUH) | ORIFICE SIZE (INCHES) |
|--------------|-----------------------|
| 60,000       | 1.062                 |
| 72,000       | 1.250                 |

Table 1.

5. Mount the replacement inducer on the furnace. **NOTE:** The bolts should be tight and the inducer should not be capable of moving. **DO NOT OVERTIGHTEN**, this could result in damage to the inducer.
6. Adjust the rubber sleeve over the inducer exit and tighten the hose clamp.

#### **CHECKING THE OPERATION OF THE APPLIANCE**

1. Follow the Start up Procedure as outlined in the M3 Series installation instructions.
2. Start the furnace to ensure correct pressure switch operation. **NOTE:** If the furnace does not fire and the control board LED blinks twice, the inducer bolts may require further tightening. Tighten the bolts and restart the furnace.

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