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Honeywell 802360JA

Honeywell 802360JA Motor Instruction Manual

Model: 802360JA

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the Honeywell 802360JA Motor. This motor is a genuine OEM replacement part designed for use in various heating, ventilation, and air conditioning (HVAC) systems, commonly found in zone valves and furnace dampers. Proper installation and adherence to safety guidelines are crucial for optimal performance and longevity of the product.

SAFETY INFORMATION

WARNING: Always disconnect power to the system before installing, servicing, or removing the motor to prevent electrical shock or equipment damage. Installation should be performed by a qualified technician or a knowledgeable individual with experience in electrical and HVAC systems.

- Ensure the power supply matches the motor's voltage requirements (24V).
- Handle electrical connections with care. Use appropriate wire nuts for secure connections.
- This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning). Wash hands after handling.

PRODUCT OVERVIEW

The Honeywell 802360JA Motor is a compact and durable component designed for reliable operation in HVAC control systems. It features a robust construction and standard electrical connections for straightforward integration.

Key Features:

- Genuine OEM Replacement Part
- Frequency: 50/60Hz
- Electrical Connections: 6-inch leads
- Voltage: 24V
- Speed: 5 RPM

Motor Components:



Figure 1: Top view of the Honeywell 802360JA Motor, showing the electrical leads for connection.



Figure 2: Bottom view of the Honeywell 802360JA Motor, highlighting the drive gear for mechanical linkage.

INSTALLATION INSTRUCTIONS

- 1. Power Disconnection:** Before beginning any work, locate the circuit breaker or fuse box and turn off the electrical power to the HVAC system where the motor will be installed. Verify power is off using a voltage tester.
- 2. Access the Old Motor:** Depending on your specific application (e.g., zone valve, furnace damper), you may need to remove a cover or housing to access the existing motor.
- 3. Disconnect Wiring:** Carefully note the wiring connections of the old motor. Typically, there are two wires. Disconnect these wires, usually by untwisting wire nuts.
- 4. Remove Old Motor:** Unscrew any mounting screws holding the old motor in place. Gently remove the old motor from its position.
- 5. Install New Motor:** Position the new Honeywell 802360JA Motor in the same location as the old one. Secure it with the mounting screws.
- 6. Connect Wiring:** Connect the two electrical leads of the new motor to the system's wiring using appropriate wire nuts. Ensure connections are secure and insulated.
- 7. Reassemble:** Replace any covers or housings that were removed.
- 8. Restore Power:** Once installation is complete and all connections are secure, restore electrical power to the system.
- 9. Test Operation:** Verify that the system operates correctly and the new motor functions as expected.

Note: The entire installation process typically takes about 5-20 minutes, depending on familiarity and access to the component.

OPERATING INSTRUCTIONS

The Honeywell 802360JA Motor operates automatically as part of your HVAC system's control logic. Once installed and powered, it will respond to signals from your thermostat or system controller to open or close zone valves or adjust furnace dampers, regulating heating or cooling distribution.

- Ensure your thermostat or system controller is set to the desired mode (heating/cooling) and temperature.
- The motor will engage to adjust the connected component (e.g., zone valve) as needed to maintain the set conditions.
- Listen for quiet operation. Excessive noise may indicate an issue.

MAINTENANCE

The Honeywell 802360JA Motor is designed for long-term, maintenance-free operation. No routine lubrication or cleaning is required for the motor itself. Focus on maintaining the overall HVAC system according to manufacturer guidelines.

- Periodically inspect the motor and its connections for any signs of wear, corrosion, or loose wiring.
- Ensure the mechanical linkage (e.g., to a zone valve) is free from obstructions and moves smoothly.

TROUBLESHOOTING

If your system is not functioning as expected, consider the following troubleshooting steps:

- 1. No Operation:**
 - Check if power is supplied to the system and the motor.
 - Verify all electrical connections are secure.
 - Ensure the thermostat or controller is calling for operation.
- 2. Zone Valve Sticking / Improper Flow:**
 - If a zone valve is not opening or closing fully, or if heat flows continuously when it shouldn't, the motor may be faulty.
 - A common indicator of a failed motor in a zone valve is a lack of resistance when manually attempting to move the valve lever. A working motor should offer some resistance.

3. Unusual Noises:

- Grinding or clicking sounds may indicate a mechanical issue within the motor or the connected component.

If troubleshooting steps do not resolve the issue, it may be necessary to replace the motor or consult a qualified HVAC technician.

SPECIFICATIONS

Model Number	802360JA
Brand	Honeywell
Voltage	24V
Frequency	50/60Hz
Speed	5 RPM
Horsepower / Power Consumption	5 Watts
Electrical Connections	6-inch leads
Material	Lead (component material)
Item Weight	122 Grams (4.3 ounces)
Product Dimensions	2 x 2 x 2 inches
UPC	085267034166

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance with your Honeywell 802360JA Motor, please contact Honeywell customer service or visit the official Honeywell website. Keep your purchase receipt for warranty claims. You can visit the Honeywell Store for more information: [Honeywell Store on Amazon](#)