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› Criditpid SRV7000-670 Auger Feed Motor Replacement for PelPro PP130, PP60, PP70 Pellet Stove, 2 RPM Auger Motor for Pleasant Hearth PH50CABPS, PH35PS, PH50PS Pellet Stove.

Criditpid SRV7000-670

Criditpid SRV7000-670 Auger Feed Motor Instruction Manual

Model: SRV7000-670

PRODUCT OVERVIEW

The Criditpid SRV7000-670 auger feed motor is designed as a direct replacement for specific PelPro and Pleasant Hearth pellet stove models. This component is crucial for the proper operation of your pellet stove, ensuring consistent and reliable fuel delivery to the burn pot.



Image: The Criditpid SRV7000-670 auger feed motor, showing its main body, shaft, and electrical connections.

COMPATIBILITY

This auger feed motor is compatible with the following pellet stove models:

- **PelPro Pellet Stoves:** PP60, PP60-B, PP70, PP130, PP130-B, PP150, PPC90, TSC90
- **Pleasant Hearth Pellet Stoves:** PH35PS, PH50CABPS, PH50PS, PHC90

It replaces part number SRV7000-670.

Perfect Fit for Many Models of Pellet Stoves



PH35PS



PH50CABPS



PP60 & PP60-B



PH50PS



PP70



PP130 & PP130-B

Image: Visual representation of various PelPro and Pleasant Hearth pellet stove models compatible with the SRV7000-670 auger motor.

SPECIFICATIONS

The Criditpid SRV7000-670 auger feed motor features the following technical specifications:

Specification	Value
Volts	120V AC
Cycles	60 Hz
RPM	2
Direction	CW or CCW
Connector	3 Pin Molex
Item Weight	1.96 pounds
Package Dimensions	5.87 x 4.53 x 4.33 inches



Technical Specifications

Volts: AC 120V

Cycles: 60 Hz

RPM: 2

Direction: CW or CCW

Connector: 3 Pin Molex

Image: A close-up view of the auger motor label displaying its technical specifications.

Replacing the auger feed motor requires careful attention to safety and proper procedure. If you are unsure about any step, it is recommended to consult a qualified technician.

Safety Precautions:

- Always disconnect the pellet stove from its power source before beginning any maintenance or installation.
- Allow the stove to cool completely before handling any internal components.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Ensure the work area is well-lit and clear of obstructions.

Installation Steps:

1. **Access the Auger Motor:** Locate the auger motor on your specific pellet stove model. This typically involves removing a rear or side access panel. Refer to your stove's original manual for exact panel removal instructions.
2. **Disconnect Wiring:** Carefully disconnect the electrical wiring from the old auger motor. Note the orientation and connection points if necessary, though the 3-pin Molex connector is designed for easy and correct re-connection.
3. **Remove Old Motor:** Unbolt or unmount the old auger motor from its housing. There may be several screws or bolts securing it.
4. **Install New Motor:** Position the new Criditpid SRV7000-670 auger motor in the same location as the old one. Secure it with the appropriate screws or bolts. Ensure it is firmly mounted.
5. **Connect Wiring:** Reconnect the 3-pin Molex connector to the new motor. Ensure a secure and proper connection.
6. **Test Operation:** Before reattaching all panels, temporarily restore power to the stove and perform a brief test to ensure the auger motor operates correctly. Observe if the auger shaft rotates smoothly.
7. **Reassemble Stove:** Once confirmed operational, disconnect power again and reattach all access panels securely.

2 RPM Auger Feed Motor



Image: A detailed view of the auger motor, highlighting its electrical connections and mounting plate, useful for installation reference.

OPERATING PRINCIPLES

The auger feed motor is a critical component in a pellet stove's fuel delivery system. Its primary function is to rotate an auger screw, which in turn feeds wood pellets from the stove's hopper into the burn pot at a controlled rate. This precise feeding mechanism ensures efficient combustion and consistent heat output.

The motor operates at a low RPM (2 RPM for this model) to provide a steady and measured flow of pellets. The stove's control board regulates the motor's operation based on the desired heat setting, cycling it on and off as needed to maintain the set temperature.

Top Quality Auger Feed Motor Replacement for PelPro and Pleasant Hearth Pellet Stove



Image: A pellet stove, illustrating the environment where the auger feed motor operates to deliver fuel.

MAINTENANCE

While the auger feed motor itself is largely maintenance-free, ensuring the surrounding components are clean can prolong its lifespan and ensure optimal performance of your pellet stove.

- **Hopper and Auger Tube Cleaning:** Regularly inspect and clean the pellet hopper and the auger feed tube to prevent blockages from pellet dust or foreign objects. Blockages can put undue strain on the auger motor.
- **Pellet Quality:** Use high-quality wood pellets that are dry and free from excessive dust or foreign materials. Poor quality pellets can lead to feeding issues and motor strain.
- **Motor Area Inspection:** Periodically check the area around the motor for any accumulation of dust or debris. Keep this area clean to prevent overheating and ensure proper ventilation.

TROUBLESHOOTING

If you experience issues with your pellet stove's feeding mechanism after installing the new auger motor, consider the following

troubleshooting steps:

- **Motor Not Turning:**

- Check all electrical connections to ensure they are secure.
- Verify that the stove is receiving power.
- Inspect the auger tube for any pellet jams or obstructions.
- Consult your stove's manual for error codes related to the auger motor.

- **Unusual Noises from Motor:**

- Ensure the motor is securely mounted and not vibrating against other components.
- Check for any foreign objects or excessive pellet dust in the auger mechanism that might be causing friction.

- **Inconsistent Pellet Feeding:**

- Confirm the quality of your pellets; excessive dust or moisture can cause inconsistent feeding.
- Check for partial blockages in the auger tube or hopper.
- Ensure the stove's control settings for pellet feed rate are appropriate.

If troubleshooting steps do not resolve the issue, it is advisable to contact a qualified pellet stove technician.

WARRANTY AND SUPPORT

The Criditpid SRV7000-670 auger motor comes with a **one-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your Criditpid product, please contact the seller or manufacturer directly. Please have your purchase information and product model number (SRV7000-670) available when contacting support.

You can also visit the official Criditpid store for more information and support resources: [Criditpid Store](#)

