

Amesias W10359880

Instruction Manual for Whirlpool Evaporator Fan Motor

Model: W10359880 | Brand: Amesias

1. PRODUCT OVERVIEW

This manual provides essential information for the Amesias W10359880 Evaporator Fan Motor, a replacement part compatible with various Whirlpool refrigerator models. This motor is a critical component responsible for circulating cold air throughout the freezer and refrigerator compartments, ensuring proper cooling performance.

The part number WPW10359880 (AP6020393) replaces original part numbers 4445781, PS11753712, and W10359880.

Compatible Models include:

- AZF33X16DW00, AZF33X16DW02, AZF33X16DW04, AZF33X18DW00, AZF33X18DW01, AZF33X18DW02, AZF33X18DW03, AZF33X20DW00, AZF33X20DW03
- MZF34X16DW00, MZF34X16DW01, MZF34X16DW04, MZF34X18FW00, MZF34X18FW01, MZF34X18FW02, MZF34X18FW03, MZF34X20DW00, MZF34X20DW01, MZF34X20DW03
- 7GSC22C6XY01, AZF33X16DW00, AZF33X16DW01, AZF33X16DW02, AZF33X16DW04, AZF33X18DW00, AZF33X18DW01, AZF33X18DW02, AZF33X18DW03, AZF33X20DW00, AZF33X20DW03
- BRS80ARANA00, BRS80ARANA01, BRS80ARANA02, GAFZ30FDGB00, GAFZ30FDGB01, GARF30FDGB00
- WRF57R18DM00, WRR56X18FW00, WRR56X18FW01, WRR56X18FW02, WSR57R18DH00, WSR57R18DM00, WSR57R18DM01, WSR57R18DM02
- WSZ57L18DH00, WSZ57L18DM00, WSZ57L18DM01, WSZ57L18DM02, WSZ57L18DM03
- WZF34X16DW00, WZF34X16DW01, WZF34X16DW02, WZF34X16DW04, WZF34X18DW00, WZF34X18DW01, WZF34X18DW02, WZF34X18DW03, WZF34X20DW00, WZF34X20DW01
- WZF56R16DW00, WZF56R16DW01, WZF56R16DW04, WZF79R18DM00, WZF79R20DW00, WZF79R20DW03

2. SAFETY INFORMATION

Before attempting any repair or replacement of appliance parts, always prioritize safety. Failure to follow these instructions could result in electric shock, fire, or personal injury.

- Disconnect Power:** Always unplug the appliance from its power source or turn off the circuit breaker before beginning any service.

- **Professional Installation Recommended:** Appliance repair can be complex. If you are unsure about any step, it is highly recommended to seek assistance from a qualified appliance repair technician.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and eye protection, to prevent injury.
- **Verify Compatibility:** Ensure this part is the correct replacement for your specific appliance model. Many parts may look similar but are not interchangeable.



Image: A red stop sign with a person holding it, emphasizing the importance of checking model compatibility before purchasing or installing a replacement part. This is crucial as many parts may appear similar but are not functionally interchangeable.

3. PRODUCT COMPONENTS AND DIAGRAMS

The Amesias W10359880 Evaporator Fan Motor is designed to be a direct replacement for the specified Whirlpool models. Below are images of the product and an illustrative diagram showing its typical placement within a refrigerator's evaporator assembly.



Image: Front view of the Amesias W10359880 Evaporator Fan Motor, showing its compact design and electrical connections. This is the primary view of the replacement part.



Image: Side view of the evaporator fan motor, highlighting the motor housing and the fan blade shaft. This perspective helps in understanding the motor's physical dimensions and mounting points.



Image: An angled view of the evaporator fan motor, providing a comprehensive look at its various components and the label with specifications.



Image: Top view of the evaporator fan motor, showing the motor's shaft and the mounting bracket. This view is useful for identifying the orientation during installation.



Image: An exploded diagram illustrating the components of a refrigerator's evaporator assembly. The Evaporator Fan Motor (AP6020393) is typically identified as item number 7 in such diagrams, indicating its position relative to other parts like the evaporator coil and housing. This diagram helps visualize where the motor fits within the appliance.

4. SETUP AND INSTALLATION

Replacing an evaporator fan motor typically involves accessing the freezer compartment's rear panel. The following steps are general guidelines. Always refer to your specific appliance's service manual for detailed instructions.

1. **Safety First:** Disconnect the refrigerator from its power supply.
2. **Access the Freezer:** Empty the freezer compartment. Remove any shelves, ice maker components, or other obstructions.
3. **Remove Rear Panel:** Locate and remove the screws holding the rear panel of the freezer compartment. Carefully detach the panel, which may be frosted or stuck.
4. **Locate the Motor:** The evaporator fan motor is usually mounted behind this panel, often with the fan blade attached to its shaft. Refer to the diagram in Section 3 for typical placement.
5. **Disconnect Wiring:** Carefully disconnect the electrical wires leading to the old motor. Note their orientation or take a picture for reassembly.

6. **Remove Old Motor:** Unscrew or unclip the old motor from its mounting bracket. You may need to remove the fan blade from the old motor shaft.
7. **Install New Motor:** Attach the fan blade to the shaft of the new Amesias W10359880 motor (if removed). Mount the new motor onto the bracket, ensuring it is secure.
8. **Reconnect Wiring:** Connect the electrical wires to the new motor, matching the original configuration.
9. **Test (Optional):** Before fully reassembling, you may briefly plug in the refrigerator to ensure the new fan motor operates correctly. Disconnect power again immediately after testing.
10. **Reassemble:** Reattach the rear panel, secure all screws, and replace shelves and other components.
11. **Restore Power:** Plug the refrigerator back into the power supply.

If you encounter difficulties, consult a professional appliance technician.

5. OPERATING INSTRUCTIONS

The Amesias W10359880 Evaporator Fan Motor operates automatically as part of your refrigerator's cooling system. Once installed, it requires no direct user interaction.

- The motor activates when the refrigerator's thermostat calls for cooling, circulating air over the evaporator coils to distribute cold air throughout the freezer and fresh food compartments.
- Proper operation of this motor is essential for maintaining consistent temperatures and preventing frost buildup.

6. MAINTENANCE

The evaporator fan motor is a sealed unit and generally does not require routine maintenance. However, periodic inspection of the surrounding area can help ensure its longevity and efficient operation.

- **Clear Airflow:** Ensure that the area around the evaporator fan and coils remains free of ice buildup or debris, which could obstruct the fan blade or motor.
- **Listen for Unusual Noises:** If you notice new or unusual noises coming from the freezer compartment, it could indicate an issue with the fan motor or its blade.
- **Professional Inspection:** If you suspect a problem, it is best to have a qualified technician inspect the appliance.

7. TROUBLESHOOTING

If your refrigerator is experiencing cooling issues, the evaporator fan motor could be a contributing factor. Here are common symptoms associated with a faulty evaporator fan motor:

- **Refrigerator Not Cooling:** If the fan motor fails, cold air will not circulate effectively, leading to warm temperatures in both the freezer and fresh food compartments.
- **Noisy Operation:** A failing motor may produce grinding, squealing, or buzzing noises.
- **Fan Not Spinning:** Visually inspect the fan blade (if accessible and safe to do so with power disconnected) to see if it spins freely or if the motor is seized.
- **Excessive Frost Buildup:** While often related to defrost issues, a non-functioning evaporator fan can also contribute to uneven cooling and frost.

If you identify any of these symptoms, consider having the motor inspected by a professional. Attempting repairs without proper knowledge can be dangerous.

8. SPECIFICATIONS

Attribute	Detail
Part Number	WPW10359880 (AP6020393)
Replaces Part Numbers	4445781, PS11753712, W10359880
Brand	Amesias
Item Model Number	W10359880
Manufacturer	Amesias
Item Weight	340 g
Package Dimensions	12.7 x 10.16 x 7.62 cm
ASIN	B0D3248MP1
Date First Available	30 April 2024

9. WARRANTY AND SUPPORT

Specific warranty information for the Amesias W10359880 Evaporator Fan Motor is not provided in the product details. For warranty claims, technical support, or further inquiries, please contact the seller or the manufacturer, Amesias, directly through their official channels.

Always retain your proof of purchase for any warranty-related matters.

