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› Supco IMM8366 Icemaker Control Module User Manual

Supco IMM8366

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Model: IMM8366

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Supco IMM8366 Icemaker Control Module. This high-quality module is designed as a direct replacement for various OEM part numbers, ensuring reliable performance for your refrigerator's ice maker. Please read this manual thoroughly before installation or use to ensure proper function and safety.

SAFETY INFORMATION

CAUTION! RISK OF ELECTRIC SHOCK. DISCONNECT POWER BEFORE SERVICING UNIT.

Always ensure the refrigerator's power supply is disconnected at the circuit breaker or by unplugging the appliance before attempting any installation, repair, or maintenance. Failure to do so can result in serious injury or death from electric shock.

This product should only be installed by a qualified technician or an individual with a thorough understanding of appliance repair and electrical safety.

DO NOT ROTATE MANUALLY the internal components of the module. This can cause damage to the unit.

PRODUCT OVERVIEW

The Supco IMM8366 is an icemaker control module designed to regulate the ice production cycle in compatible refrigerators. It controls the timing cams and ejector blades, ensuring proper ice cube formation and ejection into the ice bin. This module is a direct replacement for numerous original equipment manufacturer (OEM) part numbers, including but not limited to:

- W10190935
- 628366
- 14210064
- 483042
- 483101

- 483105
- 626676
- 626680
- 626684
- 627797
- 627801
- 627811
- 627816
- 628134
- 628135
- 628247
- 628258
- 628302
- 628305
- 628332
- 628342
- 628357
- 628358
- 628398
- 628399
- 8240
- R0167202
- R0167203
- W10122536

It is compatible with many Whirlpool refrigerator models.



Figure 1: Supco IMM8366 Icemaker Control Module. This image shows the main circuit board, the central rotating mechanism with a 'DO NOT ROTATE MANUALLY' warning, and a caution label regarding electric shock.

SETUP AND INSTALLATION

The following steps provide a general guide for replacing an icemaker control module. Specific procedures may vary depending on your refrigerator model. Always refer to your appliance's service manual for precise instructions.

1. **Disconnect Power:** Unplug the refrigerator from the wall outlet or turn off the circuit breaker supplying power to the appliance. Verify that power is off before proceeding.
2. **Access the Icemaker:** Locate the icemaker assembly inside the freezer compartment. It is typically mounted on the side or top wall.
3. **Remove Icemaker Cover (if applicable):** Some icemakers have a plastic cover that needs to be removed to access the control module. This usually involves releasing clips or removing a few screws.
4. **Identify the Control Module:** The control module is usually a rectangular component attached to the icemaker assembly, often with electrical connections.

5. **Disconnect Wiring:** Carefully disconnect all electrical connectors attached to the old control module. Take note of their positions or take a photo for reference if necessary.
6. **Remove Old Module:** The module is typically secured by screws or clips. Remove these fasteners and carefully detach the old module from the icemaker assembly. Ensure any mechanical linkages, such as the wire shut-off arm, are disengaged.
7. **Install New Module:** Align the new Supco IMM8366 module with the mounting points on the icemaker assembly. Ensure any rotating components or shafts align correctly (e.g., the rotator flat that ejects ice). Secure the module with the screws or clips removed earlier.
8. **Reconnect Wiring:** Reconnect all electrical connectors to the new module, ensuring they are firmly seated.
9. **Reassemble Icemaker:** Reattach any covers or components that were removed to access the module.
10. **Restore Power:** Plug the refrigerator back into the wall outlet or turn on the circuit breaker.
11. **Test Operation:** The icemaker should begin its cycle shortly after power is restored. It may take several hours for the first batch of ice to be produced. Ensure the water fill tube is not frozen and water is supplied to the icemaker.

OPERATING INSTRUCTIONS

Once installed, the Supco IMM8366 Icemaker Control Module operates automatically.

- The module senses the temperature of the ice mold and initiates the harvest cycle when ice is frozen.
- During the harvest cycle, the module activates the heating element to loosen the ice, then rotates the ejector blades to push the ice cubes into the bin.
- After ejection, the module signals the water valve to refill the ice mold with water for the next cycle.
- The ice maker will stop producing ice automatically when the ice bin is full, typically detected by a wire shut-off arm that is lifted by the accumulating ice.

MAINTENANCE

The Supco IMM8366 Icemaker Control Module is designed for long-term, maintenance-free operation. However, general maintenance of your refrigerator's icemaker system can help ensure its longevity:

- **Regular Cleaning:** Periodically clean the ice bin and the icemaker assembly to prevent mold or mildew buildup. Use a mild soap and water solution, then rinse thoroughly.
- **Check Water Filter:** If your refrigerator has a water filter, ensure it is replaced regularly according to the manufacturer's recommendations. A clogged filter can reduce water flow to the icemaker.
- **Inspect Water Line:** Occasionally check the water supply line to the icemaker for kinks, leaks, or blockages.
- **Clear Ice Bin:** Ensure the ice bin is not overfilled, which can interfere with the shut-off arm and cause the icemaker to stop producing ice prematurely.

TROUBLESHOOTING

If your icemaker is not functioning correctly after installing the IMM8366 module, consider the following common issues:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Icemaker not producing ice.	- No water supply to icemaker. - Shut-off arm is in the "off" or "up" position. - Freezer temperature is too high. - Clogged water filter. - Faulty water inlet valve.	- Check water line connection and ensure water supply is on. - Lower the shut-off arm. - Ensure freezer temperature is set to 0°F (-18°C) or lower. - Replace water filter. - Test or replace the water inlet valve.
Ice cubes are too small or hollow.	- Low water pressure. - Partially clogged water filter or line.	- Check household water pressure. - Replace water filter; inspect water line for kinks.
Icemaker making unusual noises.	- Ice buildup interfering with ejector. - Loose components.	- Defrost the icemaker and clear any ice obstructions. - Ensure all screws and connections are secure.
Ice cubes are stuck in the mold.	- Heating element issue (less likely with new module). - Water overfill.	- Ensure the icemaker is level. - Verify water fill amount is correct.

If troubleshooting steps do not resolve the issue, it is recommended to consult a professional appliance technician.

SPECIFICATIONS

Attribute	Value
Brand	Supco
Model Name	IMM8366
Wattage	153 watts
Voltage	115 Volts
Item Weight	2.24 ounces
Product Dimensions	4 x 4.25 x 1.5 inches
Part Number	IMM8366
UPC	687152197989

ABOUT SUPCO

Founded in 1945 in the Bronx, NY, by two naval engineers, Sealed Unit Parts Co., Inc. (SUPCO) originated as a service company for refrigeration systems. Supco has expanded its product line through in-house development, master distributor relationships, and acquisitions, strengthening its position as a leader in the HVAC, Refrigeration, and Appliance industries. For more information, you may visit the [Supco brand page on Amazon](#).

WARRANTY AND SUPPORT

For specific warranty information regarding the Supco IMM8366 Ice maker Control Module, please refer to the packaging or contact Supco directly through their official website. Support for installation and troubleshooting can often be found through authorized Supco distributors or professional appliance repair services.



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