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> UNIVERSALE C00258772 Refrigerator Electronic Control Board User Manual

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INTRODUCTION

This user manual provides essential information for the safe and effective installation, operation, maintenance, and troubleshooting of your UNIVERSALE C00258772 Electronic Control Board. This component is a replacement part designed for specific Ariston and Indesit refrigerator models. Please read this manual thoroughly before attempting any installation or repair to ensure proper function and safety.

PRODUCT OVERVIEW

The UNIVERSALE C00258772 is a critical electronic control board responsible for managing various functions within compatible refrigerators, including temperature regulation, defrost cycles, and compressor operation. Ensuring its correct installation and function is vital for the appliance's performance.



Image: UNIVERSALE C00258772 Electronic Control Board. This image displays the electronic circuit board, typically found within the control panel or main housing of a refrigerator, responsible for managing the appliance's functions.

Before proceeding with installation, it is crucial to verify the compatibility of this control board with your specific refrigerator model. Refer to the 'Specifications and Compatibility' section for a detailed list of

compatible models. If your model is not listed or you are unsure, please consult a qualified technician or contact your supplier.

SAFETY INFORMATION

- **Electrical Hazard:** Always disconnect the refrigerator from the main power supply before attempting any installation, repair, or maintenance. Failure to do so can result in serious injury or death.
- **Professional Installation Recommended:** Installation of electronic control boards should ideally be performed by a qualified and certified appliance technician. Incorrect installation can damage the appliance or pose safety risks.
- **Handle with Care:** Electronic components are sensitive to electrostatic discharge (ESD). Handle the control board by its edges and avoid touching the circuit components directly.
- **Use Correct Tools:** Ensure you have the appropriate tools for the job to prevent damage to the board or the appliance.
- **Keep Away from Moisture:** Do not expose the control board to water or excessive humidity.

SETUP AND INSTALLATION

Note: This section provides general guidance. Specific installation steps may vary depending on your refrigerator model. Always refer to your appliance's service manual or consult a professional.

1. **Disconnect Power:** Unplug the refrigerator from the wall outlet or turn off the circuit breaker supplying power to the appliance.
2. **Access the Control Board:** Locate the existing control board within your refrigerator. This typically involves removing a rear access panel, a top control panel, or a panel inside the fresh food compartment. Refer to your refrigerator's specific service manual for exact location and access instructions.
3. **Document Connections:** Before disconnecting any wires, take clear photos or make a diagram of all wire connections to the old control board. This will be crucial for correct reassembly.
4. **Disconnect Wires:** Carefully disconnect all wire harnesses and connectors from the old control board. Be gentle to avoid damaging the connectors or wires.
5. **Remove Old Board:** Unscrew or unclip the old control board from its mounting brackets.
6. **Install New Board:** Mount the new UNIVERSALE C00258772 control board in the same position as the old one. Ensure it is securely fastened.
7. **Reconnect Wires:** Using your photos or diagram, carefully reconnect all wire harnesses and connectors to the new control board. Double-check each connection for accuracy and security.
8. **Reassemble Panels:** Replace any access panels or covers that were removed.
9. **Restore Power:** Plug the refrigerator back into the wall outlet or turn on the circuit breaker.
10. **Test Functionality:** Allow the refrigerator to power on and observe its operation. Check if the compressor starts, lights work, and temperature controls respond correctly.

OPERATING INSTRUCTIONS

The UNIVERSALE C00258772 Electronic Control Board operates automatically once correctly installed and powered. It manages the refrigerator's internal functions based on sensor readings and user settings (e.g., temperature dial). No direct user interaction with the board itself is required for operation. Refer to

your refrigerator's user manual for instructions on setting temperatures and using other appliance features.

MAINTENANCE

The electronic control board itself requires minimal maintenance. However, regular checks of the refrigerator's overall condition can help prolong its lifespan and prevent issues.

- **Keep Area Clean:** Ensure the area around the control board (if accessible) is free from dust and debris, which can impede cooling or cause short circuits.
- **Inspect Wiring:** Periodically check visible wiring for any signs of wear, fraying, or loose connections.
- **Avoid Moisture:** Prevent any liquids from coming into contact with the control board or its housing.
- **Professional Inspection:** If you suspect an issue with the control board or other electrical components, have a qualified technician inspect the appliance.

TROUBLESHOOTING

If your refrigerator is experiencing issues after installing the new control board, consider the following common troubleshooting steps. Always ensure power is disconnected before inspecting internal components.

Problem	Possible Cause	Solution
Refrigerator not powering on	No power to the appliance; incorrect wiring; faulty new board	Check power outlet and circuit breaker. Verify all wire connections are secure and correct. If issues persist, the new board may be faulty or incompatible.
Refrigerator not cooling	Incorrect wiring; faulty temperature sensor; compressor issue; faulty new board	Ensure all connections are correct. Check if the compressor is running. A faulty temperature sensor connected to the board could be the issue. Consult a technician.
Lights not working	Bulb failure; door switch issue; wiring problem	Check the light bulb. Inspect the door switch for proper operation. Verify wiring to the light circuit.
Error codes displayed	Specific component failure; wiring issue	Refer to your refrigerator's service manual for the meaning of specific error codes. These often point to a particular sensor or component failure.

If you are unable to resolve the issue after following these steps, it is recommended to contact a qualified appliance repair technician.

SPECIFICATIONS AND COMPATIBILITY

- **Part Number:** C00258772
- **Brand:** UNIVERSALE
- **Type:** Electronic Control Board
- **Application:** Refrigerator

Compatible Refrigerator Models:

This electronic control board is compatible with various models from Ariston, Indesit, Hotpoint-Ariston, and Scholtes. Please verify your specific model number against the list below. If your model is not listed, please confirm compatibility before purchase or installation.

NMTM1923FWHA 81541470100, NMTM1923FWHA 81541470200, 81541470100, 16200191904, 1112259077, 304111834, MTM 1911 F ARISTON, MTM 1913 F ARISTON, MTM 1911 F (FR) ARISTON, MTM 1912 F (FR) ARISTON, RDL 45A NF IX (D) SCHOLTES, RDL 45A NF IX (G) SCHOLTES, FTM70S HOHOS TPOINT, TAN 5 FNF INDESIT, TAN 5 FNF S INDESIT, TAN 5 FNF (FR) INDESIT, MTM 1911 F/HA Hotpoint-Ariston, MTM 1921 F/HA Hotpoint-Ariston, MTM 1923 F/HA Hotpoint-Ariston, TAAN 5 FNF INDESIT, TAAN 5 FNFS INDESIT, MTM 1911 F (FR)/HA Hotpoint-Ariston, MTM 1912 F (FR)/HA Hotpoint-Ariston, MTM 1913 F/HA Hotpoint-Ariston, NMTM 1911 FWB/HA Hotpoint-Ariston, NMTM 19191912 FWWB/HA Hotpoint-Ariston, NMTM 1921 FW/HA Hotpoint-Ariston, NMTM 1923 FW/HA Hotpoint-Ariston, MTM 0811 F/HA Hotpoint-Ariston, MTM 0812 F/HA Hotpoint-Ariston, TN 6 FNF (IS) INDESIT, TAN 6 FNF INDESIT, TAN 6 FNF S INDESIT, TAN 6 FNF (FR) INDESIT, TAAN 6 FNF S INDESIT, TAAN 6 FNF INDESIT, NMTM 1921 FWB/HA Hotpoint-Ariston, NMTM 1922 FWB/HA Hotpoint-Ariston, NMTM 1927 FW/HA Hotpoint-Ariston, TAN 6 FNF S (TK) INDESIT, NMTM 1920 FW/HA Hotpoint-Ariston, NMTM 192A FW Hotpoint-Ariston, NMTM 1912 F (TK) Hotpoint-Ariston, ENTM 18211 F Hotpoint-Ariston, ENTM 18221 F Hotpoint-Ariston, ENTM 18201 F Hotpoint-Ariston, ENTMH 19211 FW Hotpoint-Ariston, ENTMH 19221 FW Hotpoint-Ariston, ENTMH 19201 FW Hotpoint-Ariston, ENTMH 19321 FW Hotpoint-Ariston, ENTMH 192A1 FW Hotpoint-Ariston, ENTM 182A1 F Hotpoint-Ariston, 482000023054.

WARRANTY AND SUPPORT

This UNIVERSALE C00258772 Electronic Control Board is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, or for technical support, please contact your retailer or the UNIVERSALE customer service department. Always provide the part number C00258772 when seeking support.