



**R24/R30 Glasswasher  
Maintenance Instructions**

# **Thermostat Replacement**

Jackson glasswasher machines come equipped with thermostats to ensure proper ware washing results. Occasionally, some of these components may need replacing to maintain optimum performance.

Jackson offers all of the repair parts necessary for performing this task.

The instructions provided here are for maintenance personnel only. Unauthorized persons should not attempt any of the steps contained in these instructions.

**Warning: many of the instructions and steps within this document require the use of tools. Only authorized personnel should ever perform any maintenance procedure on the dishmachine!**

## PREPARATION

1. Power must be secured to the unit at the service breaker. Tag or lock out the service breaker to prevent accidental or unauthorized energizing of the machine.

2. Ensure that incoming water to the machine is secured either by use of a shut-off valve or disconnecting the incoming water line.

3. The unit must be drained completely with the drain stopper removed.

## TOOLS REQUIRED

The following tools will be needed to perform this maintenance evolution:

1. 3/8" Nutdriver
2. 7/16" Nutdriver
3. 7/16" Combination Wrench
4. Needlenose Pliers
5. Phillipshead Screwdriver

## TIME REQUIRED

It is estimated that it will take (1) person twenty minutes to perform this task, not including all of the items indicated in the section entitled "PREPARATION".

## IMPORTANT NOTES

1. Read these instructions thoroughly before attempting this maintenance task. Become familiar with the parts and what actions need to be taken. This will save time in the long run!

## STEPS

1. Remove the front door.

2. Remove the heater box cover with the 3/8" nutdriver to expose the heater. Set the cover and hardware to the side.



Removing the heater cover.

3. Using the pair of needlenosed pliers (if necessary), remove the terminals from the thermostat. Be careful not to damage the terminals or the wires or else they will have to be replaced.



Removing the terminals.

4. Remove the thermostat bracket mounting nuts with the 7/16" nutdriver. .



Removing the thermostat bracket mounting nuts.

5. Remove the thermostat from the mounting bracket with the phillipshead screwdriver.



Separating the thermostat from the bracket.



Removing the probe and imperial brass fitting.

6. Use the 7/16" combination wrench to loosen and remove the imperial brass fitting. Once this is complete, you should be able to

completely remove the thermostat.

7. Take the new thermostat and place its probe in the new imperial brass fitting provided in your kit. Use the 7/16" combination wrench to tighten it down after getting the fitting hand-tight in the tank.

8. Mount the thermostat to the bracket.

9. Mount the bracket to the tank and tighten down the nuts with the 7/16" nutdriver.

10. Reconnect the wires per the machine schematic on the back of the door.

11. Place the drain stopper back in the wash tank. Restore power and water to the unit. Then allow the unit to operate normally.

12. Verify that the thermostat turns operates the heater contactor. Once you have determined the heater contactor is working, adjust the wash tank thermostat to ensure that the temperature is maintained in accordance with the specifications on the machine data plate.

13. Replace the heater cover.

14. Replace the front door.

## **AFTER MAINTENANCE ACTIONS**

None

## **SPECIAL NOTES**

Work performed on Jackson dishmachines by unauthorized or unqualified personnel may void the warranty. Before beginning this or any other maintenance evolution on a unit under warranty, you should contact a certified Jackson technician or Jackson Technical Service. You can find a list of qualified service agencies in the back of you unit's installation manual.

## **SPECIAL PARTS**

Heater Replacement Kit: 6401-003-12-40\*

\*The kit contains a thermostat, imperial brass fitting, and instructions.

## **CONTACT INFORMATION**

Jackson MSC Inc. provides technical support for all of the dishmachines detailed in this manual. We strongly recommend that you refer to this manual before making a call to our technical support staff. Please have this manual with you when you call so that our staff can refer you, if necessary, to the proper page. Technical support is available from 8:00 a.m. to 5:00 p.m. (EST), Monday through Friday. Technical support is not available on holidays. Contact technical support toll free at 1-888-800-5672. Please remember that technical support is available for service personnel only.