

Communication Module Installation Instructions

For Ariston and American Standard Water Heaters

Follow this step-by-step guide to connect your Ariston or American Standard water heater to WatterSaver.

Step One: Gather Required Equipment

- Communication module (UCM) – provided by WatterSaver
- Screwdrivers (Phillips and flathead)

Step Two: Turn Off Power to Your Water Heater

WARNING! Before continuing with the UCM connection, turn off power to your water heater at the circuit breaker or fuse box by flipping the breaker supplying power to your water heater to the OFF position or by removing the fuse. **WORKING ON AN ENERGIZED CIRCUIT CAN RESULT IN SEVERE INJURY OR DEATH FROM ELECTRICAL SHOCK. TURN POWER OFF BEFORE PERFORMING THIS INSTALLATION. CHECK THE WIRE WITH A NON-CONTACT CIRCUIT TESTER TO MAKE SURE POWER IS OFF.**

Step Three: Locate the UCM Port

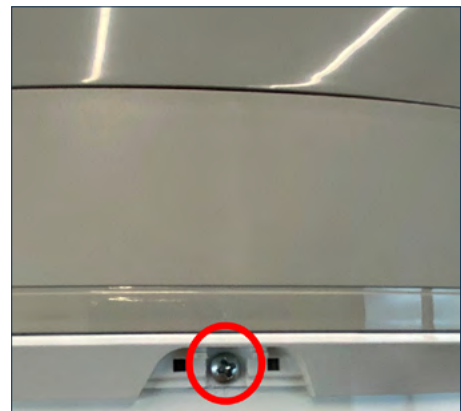
- Locate the UCM Port (EcoPort) on your water heater
- This may be:
 - On the exterior of the unit, or
 - Behind the front panel or access cover

Note: Panel removal may be required depending on the model.

(If required) Remove Front Panel



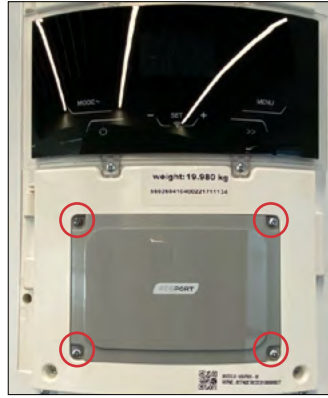
1. Use a flat head screwdriver to remove the plastic cover on the edge of the faceplate panel



2. Use a Phillips screwdriver to remove the screw securing the faceplate panel. Carefully set the plastic cover and screw aside



3. Lift up and out to remove the faceplate.



4. The EcoPort cover is now exposed. To remove the cover, remove the 4 screws in the corners of the cover using a Phillips head screwdriver.



5. Remove the cover to expose the EcoPort and UCM screw holes.



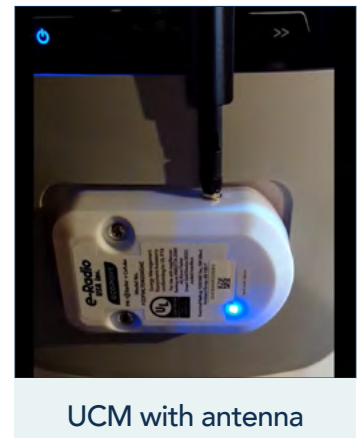
6. Put the faceplate back on, install the screw, and install the small plastic cover panel.

Step Four: Prepare and Install the UCM

- Prepare the UCM as described in the provided Manual
- Insert the UCM into the port by aligning the UCM connectors with the connectors in the port
- Push in until the bottom face of the UCM touches the flat face of the receiver. Make sure it is securely seated.
- Use screws to secure the UCM to the receiver



UCM without antenna



UCM with antenna

Step Five: Restore Power to Your Water Heater

Turn on the power to your water heater at the circuit breaker or fuse box by flipping the breaker supplying power to your water heater to the ON position or by replacing the fuse.

Note: Most units will automatically detect the UCM. No additional button presses are typically required.

Step Six: Confirm Successful UCM Connection

- Once connected, the UCM LED will blink during startup
- Within a few minutes, the UCM LED should turn solid blue, indicating connection
- If you have trouble with the connection, refer to the troubleshooting steps in the UCM Instruction Manual available in the UCM box or contact our program for support at support@watter-saver.com

Step Seven: Activate the Demand Response (DR) Program Feature on the Water Heater



1. Once the water heater is on and displaying the main screen, hold the "MENU" button until P222 shows on the display.



2. Using the "+" button, navigate to P234 and click the "SET" button on the control screen to enter the installer menu.



3. Using the "+" button, navigate to P37 "DR SET" and click the "SET" button on the control screen.



4. Use the "+" button on the control screen to navigate to DR SET "ON" and press "SET" on the control screen a second time.

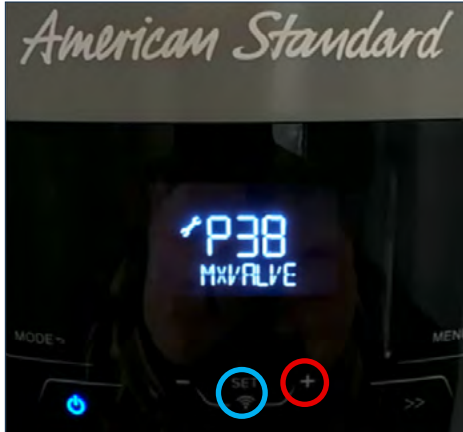


5. Use the "MODE" button to return to the home screen and a new "DR" icon should illuminate in the lower right corner.

Step Eight (Optional): Enable Advanced Load Up (ALU)

Only follow this step if a thermostatic mixing valve is installed with your water heater.

1. Follow Steps 1-2 as described in Step Seven "Activate the Demand Response (DR) Program Feature on the Water Heater" to navigate to P234 and click the "SET" button.
2. Using the "+" button, navigate to P38 "MXVALVE" and click the "SET" button on the control screen.



3. Use the "+" buttons on the control screen to navigate to MXVALVE "ON" and press "SET" on the control screen a second time.



4. Use the "MODE" button to return to the home screen and ensure the "DR" icon is illuminated in the corner, as shown in Step 5 of the previous section.

Step 9: Connect Your Water Heater to WatterSaver

Once you've completed these steps, please email support@watter-saver.com to let the support team know that your UCM is installed and that you are ready to participate in WatterSaver.