

Communication Module Installation Instructions

For Bradford White AeroTherm® G2 Water Heaters

Follow this step-by-step guide to connect your Bradford White AeroTherm® G2 water heater to WatterSaver.

Step One: Gather Required Equipment

- Communication module (UCM) – provided by WatterSaver
- Screwdriver

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 (also called CTA-2045 port[DU1.1], or EcoPort) on the front of the unit
- Unscrew to remove the protective cover from the port if one is installed



Step Four: Prepare and Install the UCM

- Prepare the UCM as described in the UCM Manual. Make sure the LTE antenna is attached (if an antenna was provided)
- 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
- Position the antenna away from the water heater



Warning: If the UCM is removed from the UCM port, reinstall the plastic cover over the port to prevent accidental contact with the electrodes. Failure to do so can result in death, severe injury, and/or property damage.

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 once power is restored. Please allow several minutes for the module to initialize and establish a connection.

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

DR should be enabled by default for all AeroTherm® G2 water heaters. To verify that it is the case:

1. Click the "MENU" button on the keypad
2. Use arrows to navigate to "Settings" and click the "SELECT" button



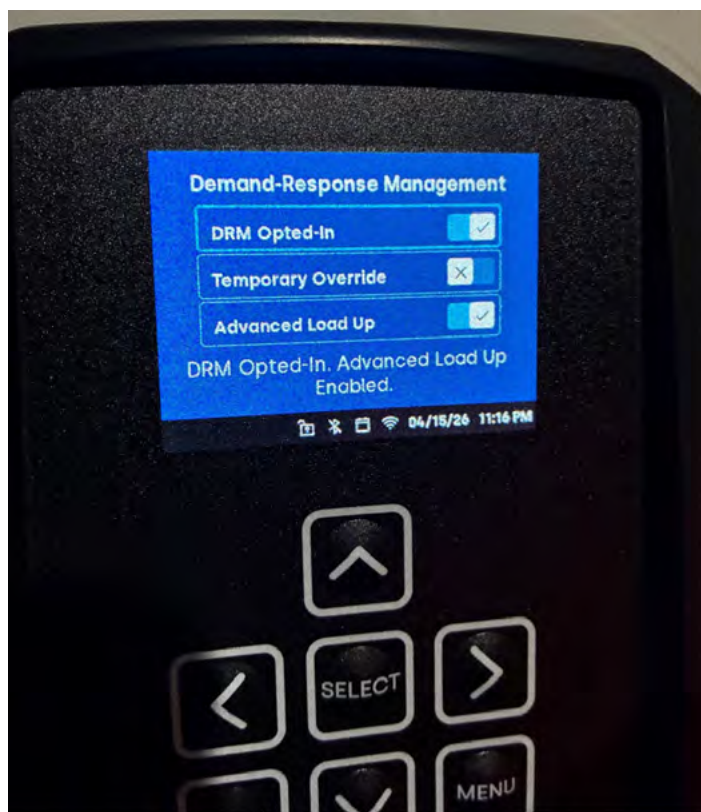
3. Use arrows to navigate to "Utility (DRM)" and click the "SELECT" button
Verify that the option for "DRM Opted-In" is checked.



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

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

1. On the water heater Demand-Response Management screen, using the "arrow down" button, navigate to "Advanced Load Up" and click the "SELECT" button
2. Verify that the option for "Advanced Load Up" is checked



Step Nine: Connect your Water Heater to Bradford White Wave App

Connecting your water heater to the Bradford White Wave App will help ensure that the unit receives important software updates and enables you to participate in WatterSaver. To connect your water heater, follow the steps below:

1. Download the Bradford White Wave App.
2. Follow the connectivity instructions by clicking [here](#).

Step Ten: 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.