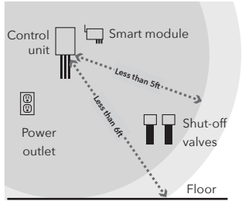
SMART Laundry Shut Off System DIY Quickstart Guide

For detailed instructions, see the Installation Guide.

1 Find the best place to mount the control unit and smart module.

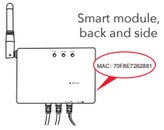


The control unit needs to be close enough to the shut-off valves and floor for the sensor wire (6ft) and control lead wires (5ft) to reach.

The smart module should be between the control unit and the shut-off valves. It also needs to be close to a power outlet.

IMPORTANT: The smart module needs a strong signal from your WiFi router to work properly. Test the strength of your WiFi network's signal where you plan to mount the smart module—make sure your phone is on the WiFi network you want to use, then look at the WiFi signal meter on your phone's screen. Make sure you're getting at least 50% signal strength where you plan to install. If not, try moving your WiFi router closer (or installing a WiFi signal booster close to the installation).

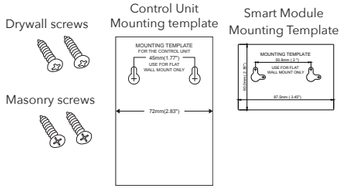
2 Write down the smart module's MAC address.



The back and side of the smart module list its MAC address. You'll need this to add the module to the App and your WiFi network later on, so you should find it and write it down now, before you mount the smart module to the wall.

Smart Module MAC Address:_____

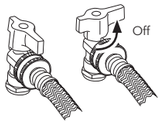
3 Mount the control unit and smart module to your wall.



There are three mounting options:

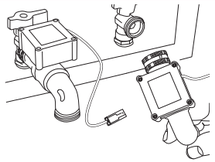
- Double-sided tape (included, not for masonry applications)
- Drywall screws with anchors (included), using the mounting template (included)
- Masonry screws (included), using the mounting template (included)

4 Turn off your washer's shut-off valves and remove the washer hoses from the valves.



Turn each valve 90-degrees counter-clockwise to turn it off. Place a bucket and towels under the shut-off valves before you remove the hoses.

5 Install the automatic shut-off valves on the washer shut-off valves.



Remove the plastic protectors from both ends of each automatic shut-off valve. Make sure the rubber o-rings are seated properly (flat) inside each hose fitting.

Match the red automatic shut-off valve (HOT) to the red valve and the blue (COLD) to the blue valve.

Screw each hose fitting onto the automatic shut-off valves. Hand-tighten the collar of the fitting onto the washer shut-off valve (use a channel lock or pliers for the last quarter-turn).

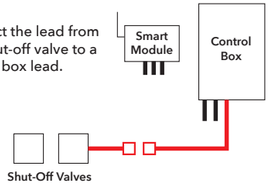
6 Screw the hoses onto each automatic shut-off valve.

Make sure each laundry hose still has its o-ring inside the hose fitting. If it doesn't, use one of the extra o-rings provided in this package.

Match each hose to the shut-off valve it was on before. Then screw each hose on tight by hand (use a channel lock or pliers for the last quarter-turn).

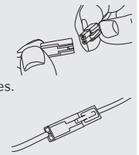
7 Connect the control box, smart module, and shut-off valves.

A. Connect the lead from one shut-off valve to a control box lead.

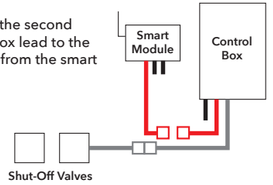


How to connect leads

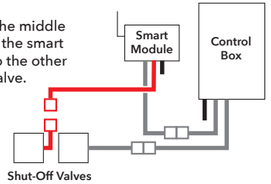
1. Line up the round and square plugs on each control box lead to the corresponding round and square holes on the lead from the auto shut-off boxes.
2. Snap both pairs of leads into place.



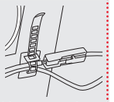
B. Connect the second control box lead to the first lead from the smart module.



C. Connect the middle lead from the smart module to the other shut-off valve.

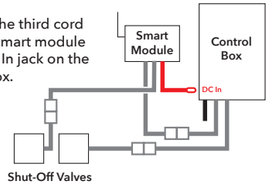


Use the included wire ties to gather the wires and stick them to the wall so that they're out of the way.

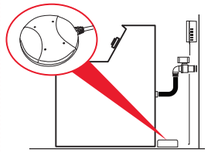


Clean the wall first. Then stick the back of the wire tie to the wall. Use the other wire tie closer to the control box to gather the wires there as well.

D. Connect the third cord from the smart module to the DC In jack on the control box.



8 Place the leak sensor on the floor beneath the washer shutoff valves.



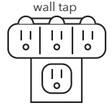
Make sure the sensor is sitting flat on the floor directly beneath the shutoff valves. (Do not place it inside the washer floor tray if you have one.)

9 Plug in the smart module.

Plug the smart module's power adapter into the jack on the side of the smart module.

Plug the other end of the power adapter into an available power outlet.

3-outlet power wall tap



If both power outlets are in use (by the washer and dryer, for example), use the included 3-outlet power wall tap to provide additional outlets.

When the smart module and control unit first power on, the yellow indicator light on the front panel of the control unit flashes—the auto shut off valve system is arming and opening valves. When the green indicator light comes on, the system is ready to use.

Continues on back...

10 Set up the App with your system.

A. Download and install the App on your phone.

Search for "**RCA Water Shut-Off**" in the Apple App or Google Play Stores. Look for the icon shown here and install this App on your phone.

IMPORTANT!!!

- **Make sure your phone is on the WiFi network you want the Smart Water Shut-Off system to use.**
- **If you have a dual-band router that uses different networks for the two bands, make sure the WiFi signal you use is 2.4GHz, not 5GHz!**
- **Make sure your Smart Module is ready for setup!** The Link and Activity indicators on the Smart Module are on when the Smart Module is in Setup mode. The Smart Module goes into Setup Mode automatically when you first power it up and stays in Setup Mode for 6 minutes. If the Link and Activity indicators on the Smart Module are not on, unplug the Smart Module and plug it in again.

B. Launch the App

The first time you open the App, you'll be asked if you want to allow the RCA Water Shut-Off App to send you notifications. Make sure you choose Allow in this step so that the App can notify you when needed!

C. Connect the App to your WiFi network

Press the **Remember Password** and **Show Password** boxes so that you only have to enter your password once (and you can see it while you're entering).

C. Connect the App to your WiFi network (continued)

Make sure you're on the WiFi network you want to use!
If the Network Name doesn't match the network you want to use, quit the App, go to the network settings for your phone, and connect to the network you want to use. Then start the App again.

Enter the password for your WiFi network. Then press OK. **IMPORTANT:** *Double check your network name and password—these must be correct to work with the App!*

Make sure your Smart Module is ready for setup!
If the Link and Activity indicators on the Smart Module are not on, unplug the Smart Module and plug it in again.

D. Connect the App to your Smart Module

Once you've entered the information for your WiFi network, the App starts searching for your Smart Module.

When the App's search screen displays "Found devices" you can press **Cancel** to stop the search.

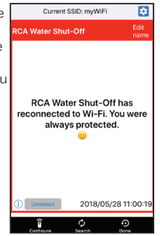
NOTE: *If you're connecting multiple Smart Modules, wait for the search timer to complete its search.*

E. Confirm your Smart Module is connected and select it

Your Smart Module should be listed in the devices available in the next screen. The Link indicator on its front panel goes solid and the Activity indicator starts blinking.

Choose the Smart Module you want to use from the list that appears (check the MAC address shown against the MAC address you wrote down earlier).

Press the **Select** button next to the Smart Module you want to add. Then press **Next** at the bottom of the screen.



The App finishes setting up the Smart Module with your WiFi network and displays a sample alert to verify that it's up and running. In this alert screen, you have the following options:

accesses your phone's alert settings so that you can modify the App's permissions.

Edit name lets you choose a different name for your system in the alert screens. You can choose one of the preset names or create your own.

accesses your notification history, which shows all of the times the App has sent alerts and what those alerts were.

Unselect removes this Smart Module from alerts. (You'll have to re-select it again.)

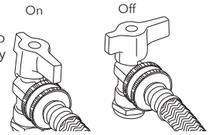
Configure accesses other setup options.

Search looks for Smart Modules in your WiFi network.

Done exits the screen.

11 Turn on the water supply.

Turn the laundry shut off valves 90 degrees clockwise to turn the water supply on for both hoses. Make sure there are no leaks. If there are leaks, tighten the hose fittings.



Shut-off valves

12 Test the system.

Press and release the Test/Reset button on the control unit.

NOTE: Press the Alarm Off button immediately after to mute the sound.

The system's alarm goes off, the automatic valves close, and the yellow indicator on control unit starts flashing.

You will also receive a notification from the RCA Water Shut-Off App ("TEST" will appear on your screen).

Once the valves are completely closed, the control unit will automatically re-open them again in about 30 seconds.

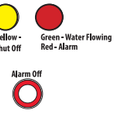
The yellow light flashes while the valves are reopening. The green light comes on when they have finished reopening.

The test process takes about 25 seconds to complete and return to normal (valves open and green light) status.

If the green light doesn't come back on, unplug the controller and plug it back in. Then test the system again.

Using the auto shut-off

When the alarm goes off...



If the sensor senses water, the alarm sounds and the valves close. The yellow and red indicators on the control box start flashing. You will also receive a notification on your phone saying "Device has been triggered. Automatic shut-off activated."

To stop the audible alarm: On the control unit, press the Alarm Off button. (The valves will still be closed.)

Customizing the alarm

By default, the audible alarm keeps sounding until you turn it off (or until the sensor no longer senses water). You can also set the audible alarm to sound for 10 seconds only.

To change the audible alarm to 10 seconds only: Press and hold the Alarm Off button for 2-3 seconds. The yellow LED flashes to show that you've changed the audible alarm to 10 seconds only. To change back, press and hold the Alarm Off button again.

Once you've fixed the leak and dried off the sensor...

Press and release the Test/Reset button on the control unit. The yellow light flashes while the valves are reopening. The green light comes on when they have finished reopening.

Losing power

If you lose power, the control box automatically closes the shut off valves (more slowly than during a real alarm), then powers off. You will also get a notification on your phone saying "Device Disconnected." When power returns, if the sensor does not detect water, the control box will open the valves again.

Vacation Mode

If you plan to be away from home for an extended period, put the system in Vacation Mode to shut the valves while you're gone. Simply press and hold the Test/Reset button for three seconds. The yellow indicator light blinks while the valves are closing and turns solid yellow with the valves are closed.

When you get back, press and release the Test/Reset button again to open the valves. The yellow indicator light blinks while the valves are opening; the green indicator comes on when the valves are open.

App Notifications Guide

If your phone says...	This means...
"Device has been triggered. Automatic shut-off activated."	Your sensor has detected water and automatically shut valves.
"TEST"	Your system has gone through a test and will re-open valves when finished.
"Device connected"	Your system has regained power and re-opened valves.
"Device disconnected"	Your system has lost power and automatically shut valves.
"Device has re-connected to WiFi"	Your smart module lost its WiFi connection but is now re-connected.

Questions? Please call our toll-free customer service hotline at 1-800-645-7750