

Technical Bulletin

July 28, 2022
Issue: 072822

WS 15000 Ambient Tube Replacement and Performance Enhancement.

Summary:

This bulletin is designed to explain the maintenance needed to enhance the V2 WS 15000's performance. This includes replacing the ambient tube, re-flashing the main board, disconnecting the evaporator sensor, and installing a check valve. **Units shipped after June 2022 do not need these enhancements.**

We recommend replacing all ambient tubes, but especially when a unit:

- o Is connected to an RO
- o Is in a location with low water pressure

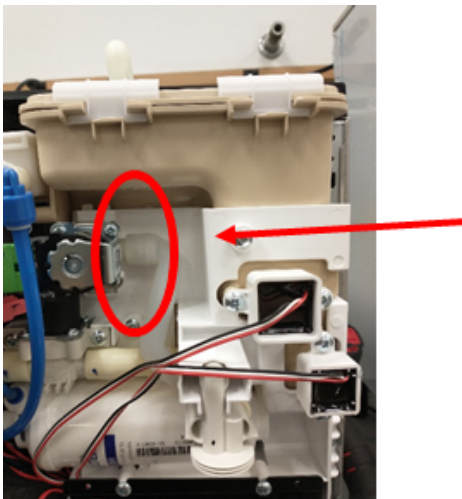
Follow the steps outlined below to replace the ambient tube:

The new ambient tube restricts the flow of water when dispensed to allow for adequate refill time. If the ambient tube is not replaced, the unit will dispense water faster than it is refilling, resulting in the water running out for a few seconds.

Step 1: Remove the front and top panels

Step 2: Locate and remove the original ambient dispense tube. This tube is not secured on either end or should be able to be removed with little effort.

Step 3: Your new tube will look like the tube pictured below:



Step 4: First, connect the new tube to the back of the nozzle

Step 5: Now, connect the new tube to the ambient solenoid.



Step 6: Check for leaks by dispensing water.

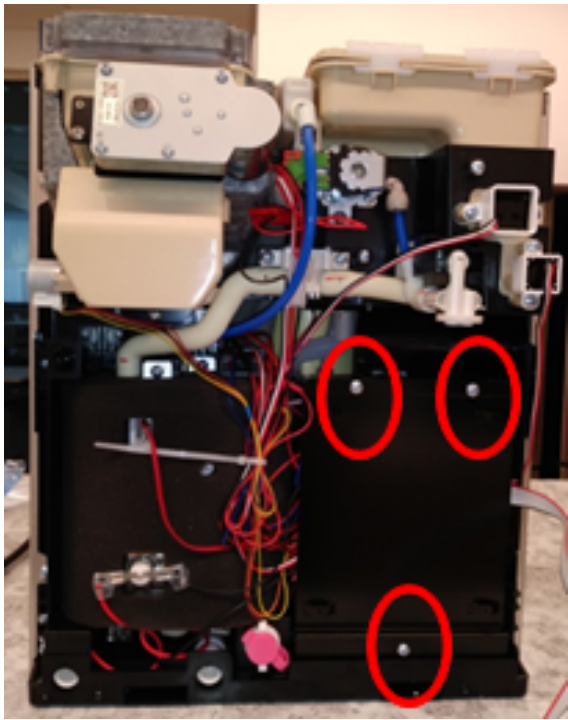
For additional tips & assistance, please contact WellsysWater technical support: (855) 558 - 9796 ext. 3.

Follow the steps outlined below to re-flash the main board:

Re-flashing the main board allows for the unit to fill the "ice melt" reservoir on its own. If the main board is not "re-flashed" the ice bin will have to be "primed" each time it is installed.

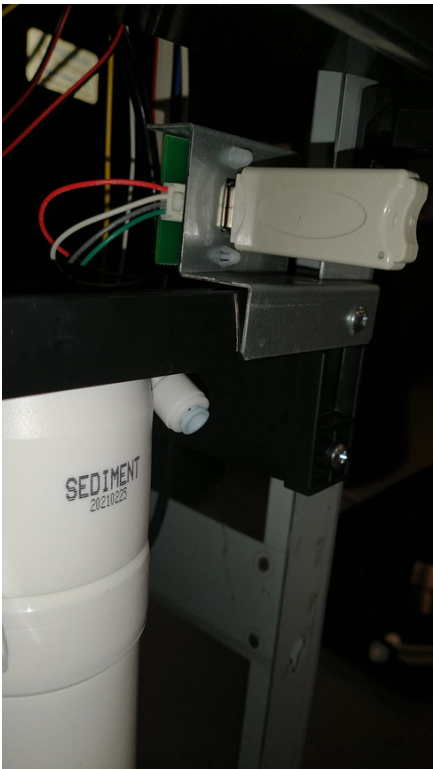
Step 1: Unplug unit from power source, remove front panel.

Step 2: Locate the protective cover to the main board and remove the three screws that hold it in place.



Step 3: Connect USB updater

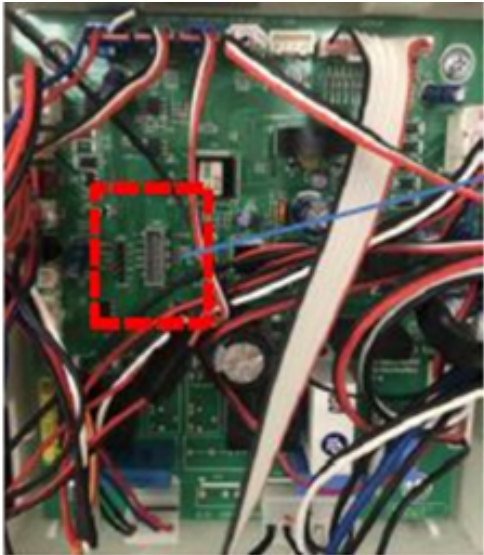
- a) Plug in provided USB wire to updater on the unit
- b) Wait for green light indication to appear on the adapter (pictured in step 4)



Step 4: Your green light should be lit. Press the button circled below.

Step 5:

- a) Plug adapter into port on main board (seen below in red box)
- b) Chime will sound if properly connected

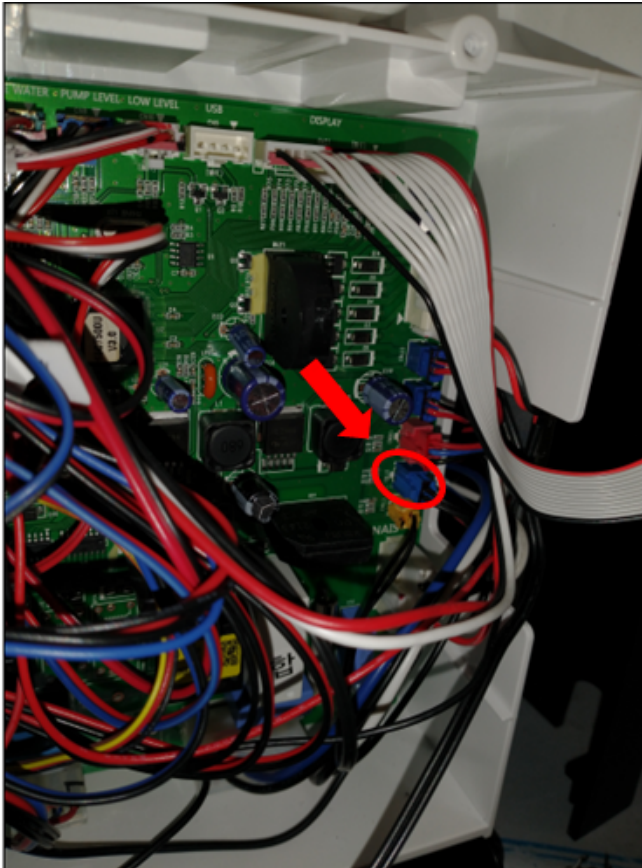


Step 6: After pressing the button, the yellow LED will flash and then the green LED will light up to indicate the flash was successful. If the red LED lights up after the yellow flash, try re-flashing by pressing the button again until the green LED lights up.

Disconnect the evaporator sensor:

The evaporator sensor needs to be unplugged so that the WS 15000 continues to make ice. If not disconnected the unit will stop making ice due to false ice full readings.

- Step 1: Unplug the unit from power source.
- Step 2: Locate and gain access to the main board if you have not done so already.
- Step 3: Locate and unplug the evaporator sensor. It is located on the right side of the board and is the third connection up from the bottom. See connection circled below.



Step 4: Once the sensor is disconnected, it can be reassembled and tested.

Install the Check Valve When Using Auger Drain

It is very important to install the supplied Check Valve on the drain pump line behind the unit. If you skip this step, you risk possible contaminants getting into the unit, or the pump may leak. Check Valve, pictured below, will be shipped with all new units inside a plastic bag. Failure to install the drain line will result in the water continuously draining from the auger.

