



***CitraChargePro
Spot-Free
Dishwashing
System***



877-688-6426



citrachargepro.com

CitraChargePro Spot-Free Dishwashing System

Installation Guide

STEP 1

Identify the connection point for the CitraChargePro System

The CitraCharge System is designed to be installed between the dishwasher and its hot-water supply line (usually attached to the hot water faucet line).

Find the dishwasher hot water supply line which usually will be obvious as a water line going from a shutoff valve under the sink and then exiting the cabinet in the direction of the dishwasher. The shutoff valve that the line comes from is typically coming off the hot water line to your sink faucet.

STEP 2

Collect needed tools and consumables

Determine what type and size connection currently connects your dishwasher line to the shutoff. You will need the following connection supplies:

1 Connection Hose

A new line between the CitraChargePro system and your dishwasher shutoff. It will need to connect to your dishwasher shutoff valve on one end and the CitraChargePro on the other. It will need to be long enough to go from the shutoff valve to the location where you mount your CitraChargePro System in your cabinet (see Step 3 below). Braided stainless steel hoses are readily available at your local DIY store in various lengths and connection types. The most common length hoses are 20" long so the ideal location to mount your CitraChargePro System would be within 20" of the valve. But other length hoses are also available. Note the size and type of the fittings you need to connect to. The CitraChargePro System will be a very common 3/8" male connection. You also need to note the type of fitting where the hose attaches to your dishwasher shut-off valve. Most often this will be a threaded 3/8" fitting also but may not always be.

2 Teflon Tape

A common consumable you can buy at your local DIY store. All male threads should be wrapped with teflon tape before connecting.

- 6 Inspect the cartridge and ensure that it is properly seated and in good condition. Make certain that the red locking mechanism is engaged and is holding the cartridge securely in position.
- 7 Slowly turn on the valve for the hot water feed line to resume water flow. Check for leaks. If a leak exists, turn off the water, check all connections, and re-seat the cartridge. Confirm that the cartridge is correctly installed. If leak persists, return the valve to the "Off" position and call customer support (877-688-6426) for additional troubleshooting steps.

Please Note: For maximum efficiency, please do not use the CitraCharge Pro Dishwashing System immediately. Allow the new cartridge to remain in the housing with minimal water flow for one hour.

Caution: The CitraChargePro Spot-free Dishwasher System becomes an integrated component of your dishwasher's plumbing system and as such periodic maintenance is required. Never expose the system to water with a temperature greater than 120 degrees or pressure above 100 PSI. Replace the cartridge if the system remains unused for longer than 60 days. A cartridge should never be left connected to the system for longer than 6 months before replacement. Always disconnect or turn off the water supply line if the system is expected to be idle for longer than six months.



Changing the CitraChargePro Spot-Free Dishwashing System Cartridge

- 1 Before replacing your cartridge, we recommend having a towel underneath your CitraChargePro Dishwasher System to catch any water that may spill. The Dishwasher System is a quick-connect system but does not have a built-in by-pass. The system may allow some of the pressurized water to escape when the cartridge is removed.
- 2 Locate and turn-off the valve for the hot water feed line to the CitraChargePro Dishwasher System.



FIG. 5

- 3 Firmly grasp the cartridge and lift up on the red cartridge lock mechanism situated near the “out” port and turn the cartridge clock-wise $\frac{1}{4}$ turn and pull down to disconnect and remove the cartridge base from the top hood.
- 4 Remove and discard the spent cartridge.
- 5 Line up the replacement cartridge into the housing hood and with firm, upward pressure twist the new replacement cartridge $\frac{1}{4}$ turn into place.

3 Adjustable Wrench

4 Drill with a small (1/8”) bit

To create starter holes in your cabinet for the screws that will hold the CitraChargePro System in place.

5 Phillips head screwdriver

To drive the screws which hold the CitraChargePro System in place.

STEP 3

Mount the CitraChargePro System

Mount the CitraCharge canister to the side or back wall of the cabinet beneath the sink and between or adjacent to the hot water supply line.

Make sure the canister is mounted level and close enough to connect to the hot water supply line.

Please note the “IN” and “OUT” notations on the System head. The “IN” side should be closest to your dishwasher shut-off valve and the “OUT” side closest to the dishwasher. [While the head can easily be reversed by unscrewing it from the mounting bracket it is easier to get the head mounted positioned correctly before you mount the bracket to the cabinet wall.]

Ensure that the bottom of the System is above the floor of the cabinet by at least 2” to allow clearance to remove the canister body when it's time to change the cartridge.



FIG. 1

STEP 4

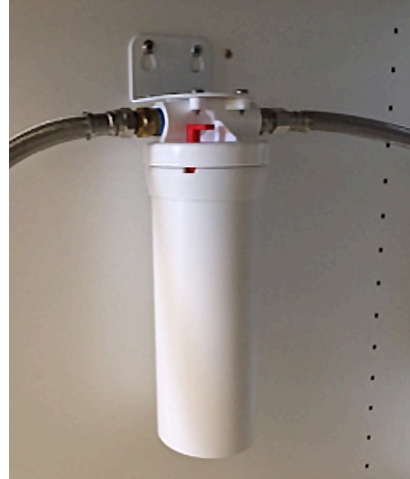
Disconnect the Water Supply

Shut off the hot-water supply to the dishwasher. Some homes have a separate shut-off valve just for the dishwasher line. Some will have a single shut-off valve which shuts off all the hot water under the sink—to the sink faucet and the dishwasher. Now use an adjustable wrench to disconnect the dishwasher hot water supply line that connects to the faucet supply valve.



Typical Dishwasher Water Supply Line & Shut-off Valve

FIG. 2



Connected CitraChargePro Spot-Free Dishwashing System

FIG. 4

Slowly turn on the valve for the hot water feed line to resume water flow. Check for leaks. If a leak exists, turn off the water and tighten the water lines. Confirm that the cartridge is correctly installed. If leak persists, return the valve to the “Off” position and call customer support (877-688-6426) for additional troubleshooting steps.

STEP 5

Connect the CitraCharge System

Connect the new water supply line to the CitraChargePro System inlet on one end and to the hot-water supply valve (where the dishwasher supply line **was** disconnected) on the other end. NOTE: The “in” and “out” ports are marked on the top of the cartridge head.

Now connect the water line from the dishwasher to the CitraCharge System’s “out” port.



FIG. 3

Water Supply Line to System Inlet