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Vätten Under Counter Unit Installation Instructions

Parts List included for this installation

Faucet assembly

- (a) chrome/brushed nickel faucet
- (b) chrome/brushed nickel plate
- (c) rubber washer
- (d) rigid plastic washer
- (e) lock washer
- (f) 7/16" nut
- (g) quick connect fitting

(H) take-off fitting

(I) Under Counter unit

(J) inline filter

(K) ball valve with short blue tubing

(L) 8" blue tubing (connects inline filter to Housing)

(M) 5' blue tubing (connects outlet from Housing to faucet)

(N) 5' blue tubing (connects Take-off Fitting, routed through leak protector to the ball valve)

(O) leak protector

Materials needed, but not included

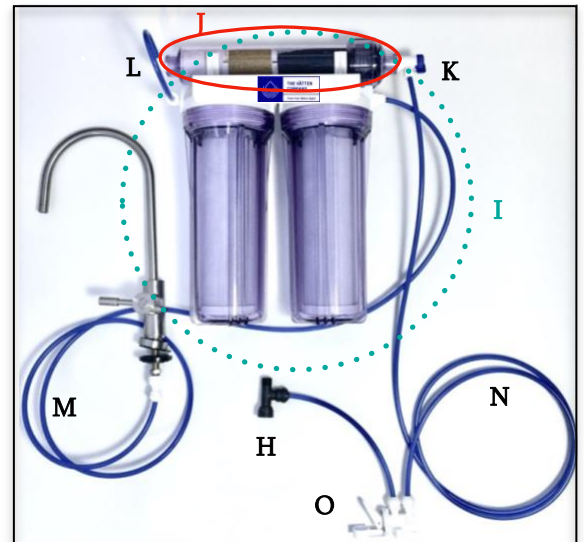
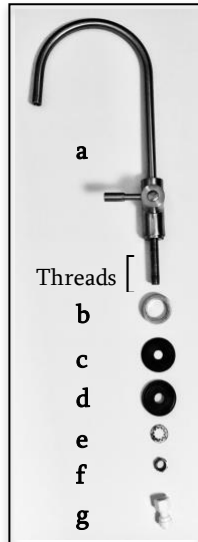
- Towel (to catch water that drips)
- Bucket (to catch water that drips)

1. Install faucet

- Drill a 7/16" hole (1/2" will work too) in the sink rim or countertop, or remove the soap dispenser (if applicable) and use the pre-drilled hole.

NOTE: Drop-in sinks typically have a stainless-steel rim. Drilling into the countertop directly is required when the sink is under mounted with no rim. Some sinks have a pre-drilled hole for a soap dispenser. The soap dispenser can be removed, and the existing hole can be used for the faucet if desired.

- Insert chrome plate and rubber washer onto the threaded side of the faucet.
- Insert faucet into the drilled hole, threads first.
- From underneath the sink, place rigid plastic washer, lock washer and 7/16" nut on the faucet threads.

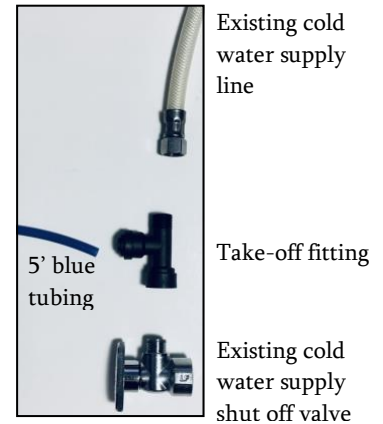


Note: Depending on your Vätten System, it may not look exactly as the picture above. This is an example only.

- Tighten the nut from underneath while someone holds the faucet in the desired position.
- Screw the quick connect fitting onto the threads of the faucet

2. Install Take-off Fitting

- Turn off cold water at the existing shut off valve.
- Unscrew existing cold water supply line from the existing shut off valve. Have a towel and container nearby to capture any water that may be dripping.
- Screw take-off fitting onto the top of the existing cold water shutoff valve.
- Screw the existing flexible cold water supply line on top of the take-off fitting.
- Push the 5' blue tubing into the quick connect fitting using the How to use Quick Connect Fittings instructions at the bottom of the instruction sheet.



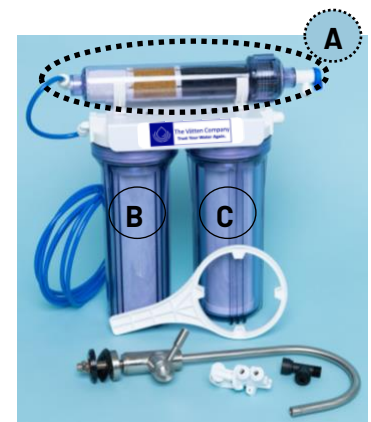
3. Install Leak Protector

- Fasten the Leak Protector to the bottom of the cabinet close to the water filter.
- Take the 5' piece of blue tubing from the cold-water supply quick connect fitting and run it to the leak protector. Do not connect the blue tubing yet.
- Leave some slack in the blue tubing from the quick connect fitting to the leak protector.
- Cut the blue tubing and insert it into in "IN" port on the leak protector.
- Save the left-over blue tubing. It will be used later to connect the leak protector to the ball valve when installing the inline filter.



4. Install Inline Filter

- Snap the inline filter (A) into the clips on top of the Under Counter Unit with the flow arrow pointed towards the left. Notice the ridge on the inlet side of the inline filter so you know it's positioned correctly.
- Connect the ball valve with short blue tubing into the inlet side of the inline filter using the How to use Quick Connect Fittings instructions at the bottom of the instruction sheet.
- Connect the left-over blue tubing from the Leak Protector installation into the ball valve using the How to use Quick Connect Fittings instructions at the bottom of the instruction sheet.
- Connect the other end of the left-over blue tubing into the Leak Protector OUT port.
- Connect the 8" piece of blue tubing from the outlet of the inline filter to the inlet side of the Under Counter Unit (housing B) using the How to use Quick Connect Fittings instructions at the bottom of the instruction sheet.
- Connect the 5' blue tubing from the outlet in the Under Counter Unit (housing C) to the quick connect fitting on the faucet using the How to use Quick Connect Fittings instructions at the bottom of the instruction sheet.



5. Hang Under Counter Unit

- Do not shorten pre-cut blue tubing, extra slack is needed so the unit can be removed for maintenance.
- Be sure the tubing does not get crimped.
- Never “hard plumb” the unit in place, always have a flexible connection to the unit. This allows the unit to be moved around when performing maintenance.
- Use two screws to mount the unit on the inside of the cabinet through the holes in the white mounting bracket.
- Do not tighten screws all the way in, leave 1/8” so the unit “hangs” off the screws. This allows for easy removal of the unit for maintenance.

6. Starting Up the Under Counter Unit

- Open the cold water shut off valve that is part of the existing plumbing.
- Open the ball valve to the unit.
- Turn on the faucet.
- Watch carefully for any leaking from the new facet all the way back to the cold water supply valve.
 - If any leaks are detected, turn off the water at the faucet and the cold-water supply valve and tighten the connections from where it is leaking. Please review the quick connect fittings to ensure they were properly installed. Turn water back on at the cold-water supply and turn on the faucet and check for leaks again. If leaking continues, turn off the water at the faucet and cold-water supply valve and call us to help troubleshoot at 1-800-945-5782.
 - If no leaks are detected, continue with the instructions.
- Keep the flow rate between 0.50 and 0.75 gallons per minute (GPM) by adjusting the ball valve on the unit.
Calculating flow rate:
 1. Flow rate= ounces/seconds X 0.47
 2. Use a measuring cup that measures in ounces. Time how long, in seconds, it takes to fill it up to 16 ounces.
 3. For example, if it took 10 seconds to fill the cup to 16 ounces, the equation would look like this: 16 ounces/10 seconds X 0.47 = 0.75.
 4. If GPM is not between 0.50 and 0.75, adjust the ball valve and re-test.
- Once the GPM has been set to the appropriate range, let the water run through the unit for five minutes. Often times the water will have a black color coming out of the faucet as the water is flushing out the unit. This is normal and will stop after five minutes of running the water.

How to use Quick Connect Fittings

Connect

To ensure a proper connection using quick connect fittings, push the blue tubing into the quick connect fitting until you feel resistance and the tube “stops”. Once you hit the “stop”, push the blue tubing into the quick connect fitting another 1/4” to secure the tubing into the quick connect fitting. Tug on it to be sure it’s secure. *NOTE* If the connection is not secure, leaking will occur.



Disconnect

To disconnect the tubing from the fitting, you must push back on the little white plastic ring toward the fitting body while at the same time pulling on the tubing. You may have to work the tubing back and forth while pushing on the ring (see picture).



To push on the plastic ring, use two fingertips. Alternatively, it may be easier to use a small wrench or a 1/4" open ended wrench to push on the ring. The goal is to push back on the plastic ring while tugging on the tubing in the opposite direction to release the tubing.

