

As DEW Dual Stage Under Sink Water Filtration System

Assembly & Installation Instruction

PARTS LIST

- (1) As Dew Cartridge Caps (x2)
- (2) As Dew Cartridge – Stage 1, Grey
- (3) As Dew Cartridge – Stage 2, Yellow
- (4) Plastic ¼" NPT Male Nipple
- (5) John Guest Male Elbow (¼" NPT, ¼" OD tube) (x2)
- (6) John Guest Locking Clip
- (7) Screws (x8)
- (8) Metal Mounting Bracket
- (9) Tee Adapter
- (10) Isolation Tap
- (11) Pressure Limiting Valve
- (12) Flow Direction Sticker - Stage 1, Grey
- (13) Flow Direction Sticker - Stage 2, Yellow
- (14) John Guest ¼" OD tubing
- (15) Faucet



INSTALLATION STEPS AND INSTRUCTIONS:

1. Twist-in the Male Nipple (4) – with black rubber O-ring into the female NPT hole on As Dew Cartridge Cap (1) above “↓” & “OUT”. Must be hand tighten to prevent water leakage.



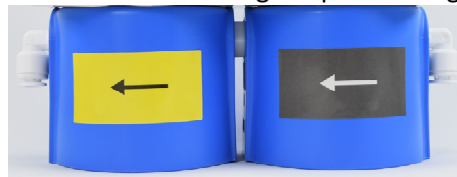
2. Locate the female NPT hole on the other second As Dew Cartridge Cap (1) above “↑” & “IN”, then twist into the other end of the Male Nipple (2) – again ensure the black rubber O-ring is in position. The assembled As Dew Cartridge Cap should have one end showing “↑” & “IN”, while the other end should show “↓” & “OUT”. If not, un-assemble and start again.



3. Determine the direction of water flow, the above image showed RIGHT IN then LEFT OUT, then Flow Direction Sticker - Stage 1, Grey (12) should be placed on right Cartridge Cap then Flow Direction Sticker - Stage 2, Yellow (13) should be placed on the left Cartridge Cap. The Assembled Cartridge Caps can be rotated 180° to change to LEFT IN & RIGHT OUT.



4. Wrap both John Guest Male Elbow (5) threaded ends with Teflon tape before screw them into the female NPT hole on the assembled As Dew Cartridge Caps. Once tighten, must not loosen/untighten to avoid leak.



5. The assembled As Dew Cartridge Caps can now be secured to the Metal Mounting Bracket (8) using supplied screws (7).



6. The Metal Mounting Bracket can now be secured on the back or side wall of the under-sink kitchen cupboard at the height of least 400mm from the bottom base. As Dew Water Filtration System should be close to the cold water connection and below where the faucet will be mounted furthermore ensure adequate space to avoid cramping water tubing.

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7. Tee Adapter (9) inserted along the cold water supply line is used to provide water supply to As Dew Water Filtration System. The Pressure Limiting Valve (11) must be installed between the Isolation Tap (10) and the assembled As Dew Water Filtration System.
8. John Guest ¼" OD Tubing (14) is used to connect various parts including between Isolation Tap (10)/Pressure Limiting Valve (11), Pressure Limiting Valve (11)/Filtration System and Filtration System/Faucet (15). Tubing can be pushed into John Guest fittings then pull back to ensure tight connection then secured using John Guest Locking Clip (6).
9. At this stage, As Dew Cartridges (2) & (3) can be installed by push the Cartridges firmly into the appropriate Cartridge Cap (1) to properly engage threads follow by right hand twist until it comes to a firm stop which should see the stickers face front. Rubber Strap Wrench can be used to tighten the cartridge as well as when removing cartridges.
10. Newly installed As Dew Water Filter Cartridges should be flushed with running water for a few minutes by open Isolation Tap (10) slowly until all air had been pushed out before open the tap fully. This flushed water may appear cloudy due to trapped air as well as loose carbon dust which will disappear after a few minutes; in any case this water is totally clean and safe to use in the garden. It is also important to check for any leaks and fix if necessary at this stage.
11. Depending on quality of the water supply, As Dew Water Filtration Cartridges will need replacement every 6 to 12 months. Stage 1 Filter (2) can be replaced more often to prolong the life of Stage 2 Filter (3).
12. As Dew Cartridges (2) & (3) are supplied as total and complete replacement parts to eliminate secondary contaminations due to dirty cartridge housing.

TYPICAL FAUCET ASSEMBLE DIAGRAM

