

WFS4

Included Items

- WFS4 Assembly – stages 1-6 with correlating tubing, fittings, filters, and regulating components
- Water Storage Tank with valve
- TDS Meter
- Membrane housing wrench
- Filter housing wrench (stages 1-3)
- 2–3-year supply of replacement filters:
 - Qty. (6) of Stage 1 filter
 - Qty. (6) of Stage 2 filter
 - Qty. (6) of Stage 3 filter
 - Qty. (3) of Stage 5 filter
 - Qty. (3) of Stage 6 filter



2–3-year replacement filter bundles available for purchase – P/N:10325. *Stage 4 replacement not included with original system.

System Installation

- Remove all items from their respective boxes.
- From the bag of fittings, remove the John Guess RO tank valve and screw it onto the top of the RO tank.
- Place or mount the RO system in the desired location (a drain for wastewater must be available).
- Utilizing the housing wrenches, ensure each housing is tightly closed. All filters are pre-installed.
- Connect the white poly tube from the RO system to the RO Storage Tank valve. [9]
- Run the black poly tube to a nearby drain. [7]
- Connect the blue poly tube to the chamber's humidifier water inlet. [15]
- Connect your building water supply to the open, ¼" clear poly tube. [1]
- Open the water supply and allow the RO tank to fill. The system will not begin outputting water for approximately 20-60 minutes.
- Verify that there are no leaks. If a leak is detected, disconnect the filtration system from the supply inlet and tighten the canisters and/or ensure each tube within the assembly is adequately pressed into each John Guess fitting.

See diagram for blue number references [].

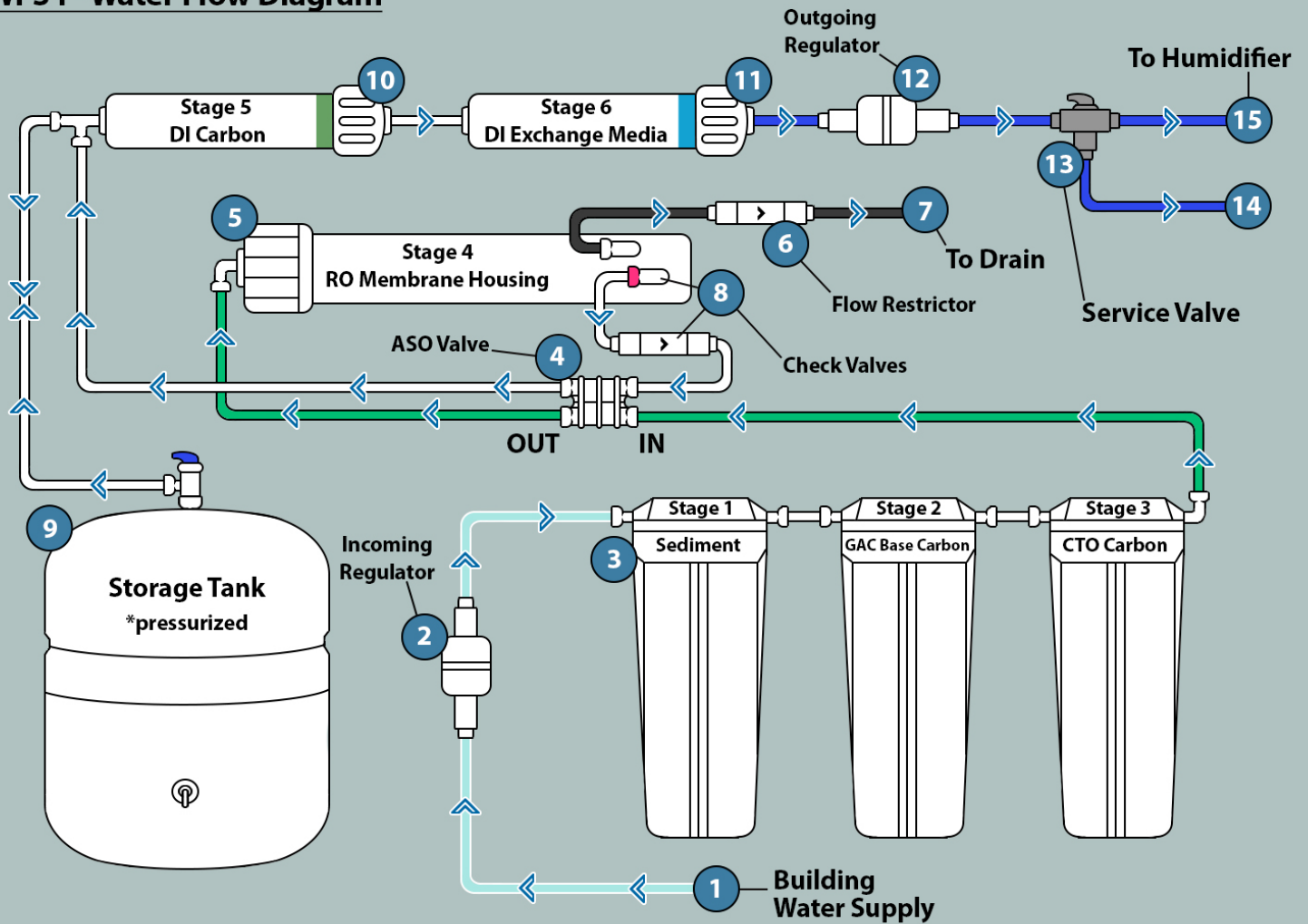
Filter Change Information

- Replace pre-filters every 6-8 months (Stages 1-3).
- Replace 5th and 6th stage filters every 12 months.
- Replace RO Membrane (4th stage) every 2.5-3 years.

* Filter change rates may vary depending on the quality of source water being utilized.

- To replace any filter, start by closing off the incoming building water supply.
 - Next, close the valve on the Water Storage Tank to reduce internal pressure. [9]
 - With a drain or bucket on the ready, adjust the Service Valve to expel the trapped water within your system. [13]
 - If your unit is not equipped with a Service Valve, then remove the blue tubing post your Output water regulator instead.
 - Line will be pressurized.
 - Once water has stopped flowing out of the valve, replace the filter(s) in question.
 - If replacing Stages 1-4 then use the correlated wrench to open the housing.
 - Housings will be filled with water, so dump accordingly and clean out any scum or debris that may be within the housing.
 - Standard cleaning solution is a 50/50 mixture of vinegar and water.
 - After filters have been replaced, ensure the Service Valve is only permitting water to waste [14] and then open the incoming building water supply and the Water Storage Tank valves.
 - A minimum of (3) gallons of water must be flushed through new filters to remove loose particulates.
 - Adjust the Service Valve to only permit water to your chamber [15] and resume normal operation.
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WFS4 - Water Flow Diagram



Flow Diagram Breakdown

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|----------------------------------------|---------------------------------------|
| 1) Building Water Supply | 9) Storage Tank |
| 2) Incoming Water Regulator (Shokblok) | 10) Stage 5 |
| 3) Bottom three filters – Stages 1-3 | 11) Stage 6 |
| 4) ASO Valve | 12) Outgoing Water Regulator (Flojet) |
| 5) Stage 4 | 13) 3-way Service Valve |
| 6) Flow Restrictor | 14) Waste |
| 7) Waste | 15) Output Water |
| 8) RO Check Valves | |

- 1) Building water must not be pretreated by a building water softener.

- 2) Incoming regulator reduces PSI to 60.
- 4) The Automatic Shutoff Valve (ASO) will stop the supply of water through the top port on the “IN” side once the Storage Tank reaches approximately 65% of the supply pressure. This port should be attached to the green tube.
 - The top of the ASO is determined by the IN/OUT labeling.
 - Internal diaphragm only allows flow in a specific direction.
- 9) Storage Tank is pressurized and will create a small reserve to protect against limited supply interruptions.
- (10 & 11) Stages 5 and 6 have direction of flow printed on them. Ensure they are installed correctly to prevent output issues.
- (12) Outgoing regulator reduces PSI to 15.
- (13) Adjustable valve will alter water output based on orientation.