

Installation Instructions

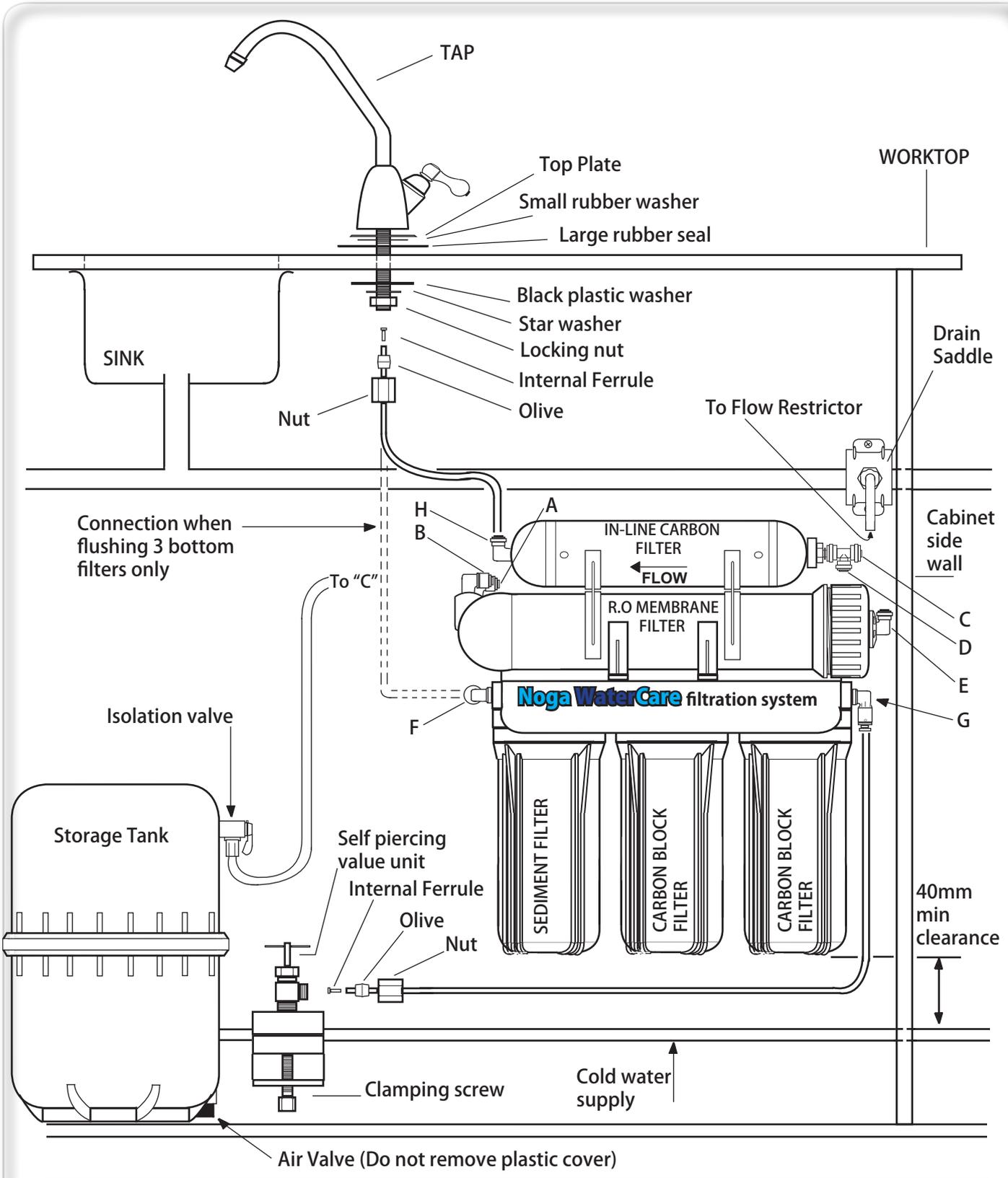
Reverse Osmosis Filtration System

Product Code: NW 4360

Installation Schematic

Important Note:

The minimum water pressure required to supply this unit is 1.5 bar. If in doubt have the pressure checked by a qualified plumber.



Installation Instructions

Reverse Osmosis

Filter Unit Fitting

This system is supplied pre-assembled and will need only 4 connections made. Before the system can be fully installed it is necessary to flush out the 3 vertical filters to remove any debris.

Remove 1/4" pipe from connector on left hand filter housing (schematic "F") Press down flange on fitting and gently pull pipe free.

Remove complete top filter assembly by pulling out from "C" clamps (schematic B)

This now leaves the bracket with 3 filter housings attached

Select a suitable place to mount the system. Ensure at least 40mm clearance between the bottom of the filter housings and any fixture below to allow for filter changing.

Offer the unit to the wall and mark the positions for the 2 bracket clamping screws. Use a 6mm masonry drill if using supplied plugs in solid wall or drill 3mm pilot hole in cupboard carcass if using the self-tapping screws supplied.

Screw bracket to wall but do not re assemble the top filter assembly

Remove outer wrapping from filters taking care not to lose any sealing rings if fitted. Unscrew filter housings and check that the large "O" ring is seated evenly in the top of each filter housing. Place filters into housings and screw onto housing head in the following order: Left hand = Sediment Filter (white). Centre = Carbon Block Filter. Right hand = Carbon Block Filter. Carefully tighten filter housings with ring spanner provided (See "**Filter Replacement**" for filter orientation).

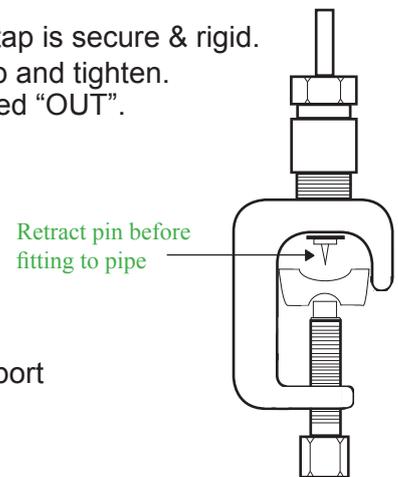
Tap Unit Fitting

Select a suitable place to mount your swan neck tap either through the top of the sink or mounted onto a work surface, ensuring that the tap can discharge fully into the sink without flooding any work surfaces.

Drill a 1/2" hole and mount the tap using the fittings supplied, make sure the tap is secure & rigid. Connect the 1/4" pipe using the internal ferrule, olive & nut supplied to the tap and tighten. Connect the other end of the loose pipe to the port on the filter housing marked "OUT". (Schematic "F")

Self Piercing Valve Connection

Connect the pipe to the self-piercing valve using the internal ferrule, olive & nut supplied. Ensure the piercing pin is fully retracted in the Quick Fit Self Piercing Valve. Clamp the valve to the 15mm cold mains and run the 1/4" plastic pipe to the port on the filter housing marked "IN". (Schematic "G") Pierce the pipe by turning the 'T' bar fully in, and then fully out.



Installation Instructions

CAUTION:

The water supply to your system must be the cold mains and have a minimum pressure of 1.5 bar. Hot water will severely damage your system.

Filter Flushing

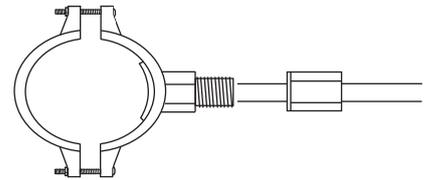
Turn the water on at the mains and open the swan neck tap. All of the air is expelled and the water will begin to flow. You should allow the water to flow for approximately 10 minutes to remove any debris in the system. Check for leaks during this operation.

Final Installation of Complete System

Turn water off at mains and self-piercing valve by turning "T" bar fully in. Open swan neck tap to release any pressure in system. Replace top filter assembly in the 2 "C" clamps. Remove Tap supply pipe from connector "F" and fit to connector "H". Fit free pipe from Check Valve to connector "F".

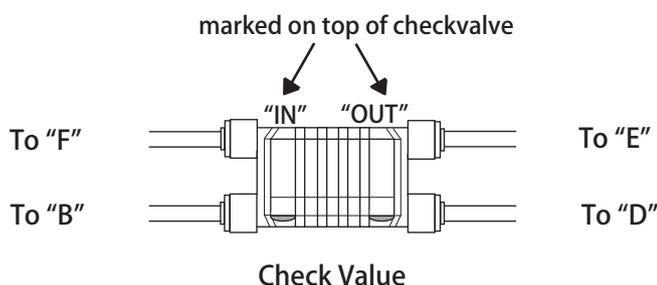
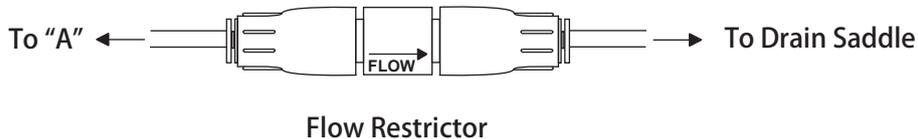
Drain Saddle Connection

Clamp Drain Saddle to waste discharge pipe, ensuring rubber gasket is fitted correctly (see schematic for correct assembly) Remove compression nut from drain saddle and drill 1/4" or 6.5mm hole in waste pipe via pipe entry hole in drain saddle. Connect a suitable length of pipe to the drain saddle using the compression nut. Connect the other end of the pipe to the Flow Restrictor valve (see schematic)



Storage Tank Connection

Check that the black rubber washer is fitted inside Storage Tank connection. Screw Isolation Valve to Storage Tank ensuring a watertight connection. Place Storage Tank in its required position, measure and cut a length of pipe suitable for connection of Tank Isolation Valve to Tee Connector fitted to the top Activated Carbon Filter (schematic "C") Push one end of pipe into tee piece and the other clamp in valve using compression nut. Ensure valve is in closed position. Do not tamper with the air valve situated at the base of the Storage Tank as the pressure has been pre-set by the manufacturers.



Installation Instructions

The system is now ready to charge. Turn Storage Tank Isolation Valve to the open position. Turn on water at mains, open self Piercing Valve to release water into the system. Swan neck tap should be closed during this process. The tank will take 3-5 hours to fill. The filling noise will stop when the tank is full. Fully discharge all the water in the Tank via the Swan Neck Tap to clean the system. When the Tank has emptied, close the Swan Neck Tap to allow the Tank to refill. The water will now be ready to drink

Please Note:

Water may seem to be cloudy or milky for the first week or so after installation, this is quite normal, as this is air bubbles, and will settle after the first few charges of your system. You are now ready to enjoy the purest water you can drink courtesy of your Noga Watercare reverse osmosis.

WARNING:

When assembling these units if any leaks occur turn water off. Tighten any seeping joints and then turn water back on. Mains water pressure can vary, therefore it is essential to check for leaks daily during first week and periodically there after.

Filter Replacement

Sediment, Carbon Block & In-Line Carbon Filter. Change every 12 months.

R.O. Membrane Filter:- Change every 24 months.

To replace filters, turn off water at mains and self-piercing valve.

Open Swan Neck Tap to release water pressure.

Carefully release housings with ring spanner supplied.

Replace filters and ensure large "O" ring in top of housing is seated evenly before re assembling the housings to the unit. Finally tighten with ring spanner.

To replace top filter, push down the flange on the fitting and remove the 1/4" pipe.

Pull filter from "C" clips. Unscrew elbow connectors from used filters and fit to new filter, apply PTFE to threads to ensure a watertight seal.

Push 1/4" pipe into new filter ensuring flow direction is left to right.

Snap filter back into "C" clips.

To replace R.O. Membrane Filter, remove pipe from connector "E" and unscrew Housing Cap.

Replace new R.O. Membrane. Ensure sealing ring is in place around neck of housing and screw head back on Re connect pipe to connector "E".

Always check for leaks as specified above.

System Includes:

1 X Three Stage Bucket With Mounting Screws

3 X Filter Housing

1 X Membrane Housing

1 X 3.6 Gallon Plastic Tank

1 X Shut-Off Valve

1 X Flow Restrictor

1 X Check Valve

1 X Drain Clamp Adaptor

1 X Ceramic Valve 1/4 Turn Swan Neck Tap

1 X Quick Fit Self Cutting Valve

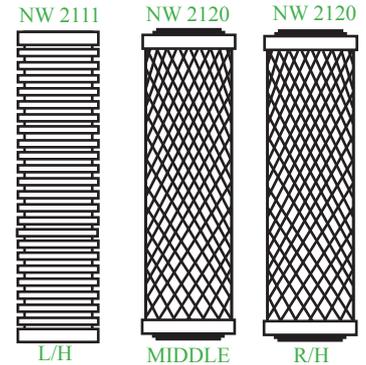
1 X Key / Wrench

1 X Polypropylene Sediment Filter 1 Micron - NW 2111 (No sealing rings)

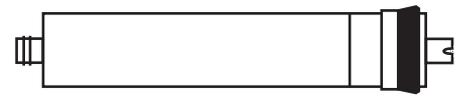
2 X Carbon Block Filters 5 Micron - NW 2120 - (2 sealing rings, 1 each end)

1 X In-Line Activated Carbon Filter- NW 2920 - (No sealing rings)

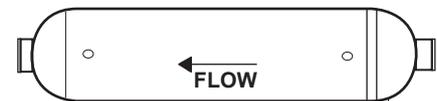
1 X Semi Permeable R.O. Membrane Filter 1 Micron - NW 5075 - (2 small "o" rings + 1 large rubber seal)



Filters can be fitted either way up



NW 5075



NW 2920

If for any reason you experience a problem with this system.

Please call **NOGA WATERCARE TECHNICAL HELP LINE.**

On 0208 400 2020 Mon-Fri 9-5pm

