

HiDROTEK® SNOWPAD REVERSE OSMOSIS GUIDE

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Snowpad *Tankless Reverse Osmosis*

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Multi-Stage Reverse Osmosis System

removes 99% of contaminants such as Chlorine, Fluoride, Lead, Bacteria, Organics, VOCs and so on.

1

PP

Remove

large-particle
suspended
matters


sediment


rust


impurity

2

CTO

Remove

organic
matters


peculiar
smell


residual
chlorine


peculiar
color

3

RO

Remove


bacteria


virus


heavy
metal

4

T33

Remove

bacteria


improving
the taste

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| Capacity | 1.2l/min |
|---------------------------|---------------------------------|
| 1 st stage | Pp Spun filter |
| 2 nd stage | Block Carbon filter |
| 3 rd stage | Membrane with NSF certification |
| 4 th stage | Post Carbon Filter |
| Cartridge lifespan | 2000L |
| Dimensions (H x W x D) cm | 40 x 10.6 x 45.5 |

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INSTALLATION REQUIREMENTS

Appliance requires the following preparations:



Water supply from a water tap/angle valve with ½" connection



13amp plug socket

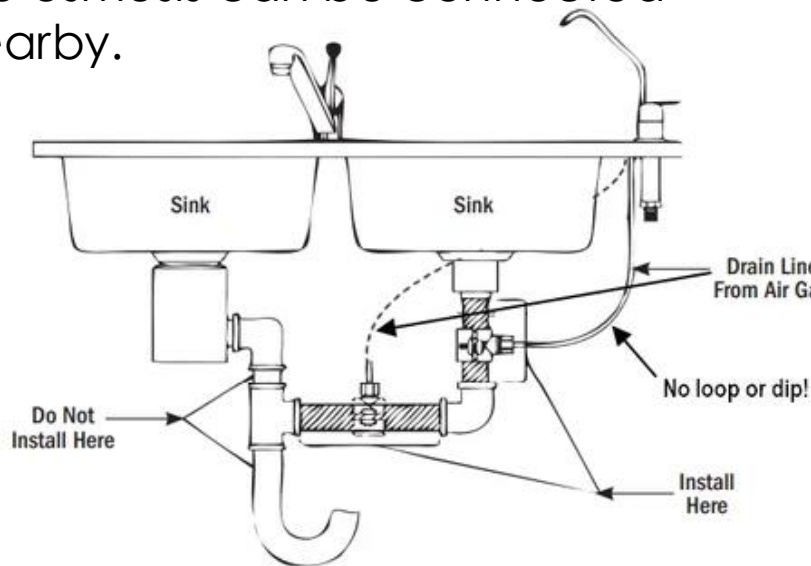
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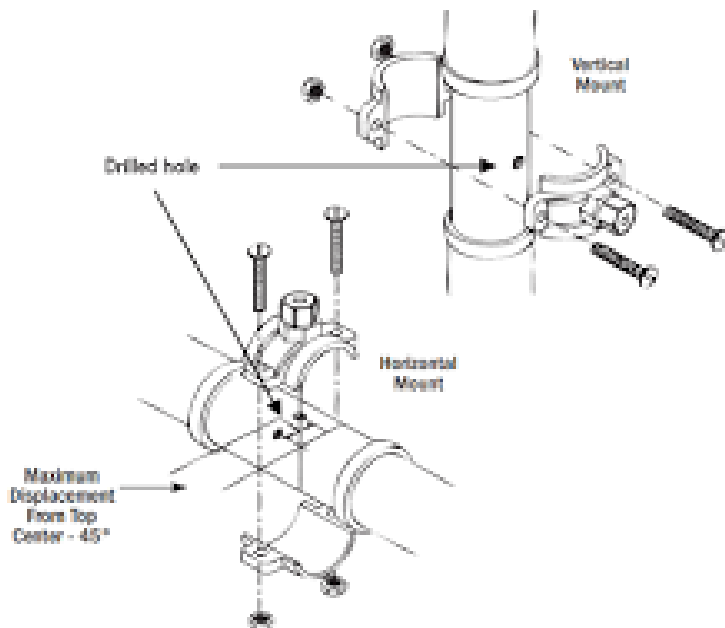
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INSTALLATION REQUIREMENTS

Drain connection. Reverse osmosis can be connected to a sink drain system if nearby.



Reverse Osmosis Drain connection



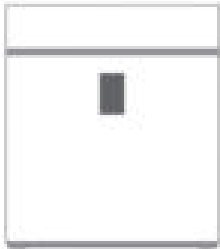
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INSTALLATION PROCEDURE

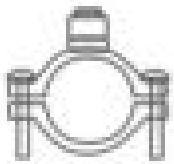
What is included in the packaging:



Main Body



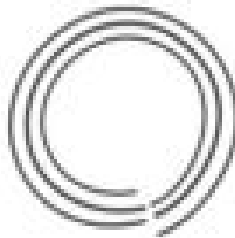
Instruction book



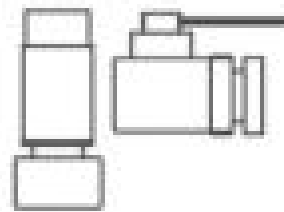
Drain clamp



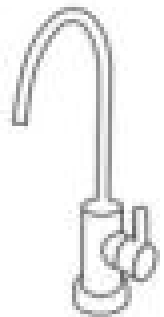
Adapter



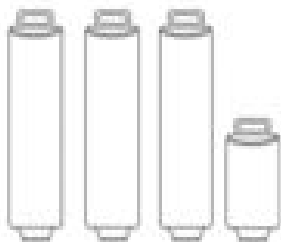
3 pipes
(red, blue and white)



3-way ball valve



Goose faucet



Four Filter Cartridges

Includes spun PP filter(PP), block carbon filter(CTO), reverse osmosis membrane(RO) and post activated carbon filter(T-33).

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INSTALLATION PROCEDURE

Tools Required:



Cutter



Teflon tape



Cordless drill



Adjustable
spanner



¼" drill

Cutting and Connection of pipes video:

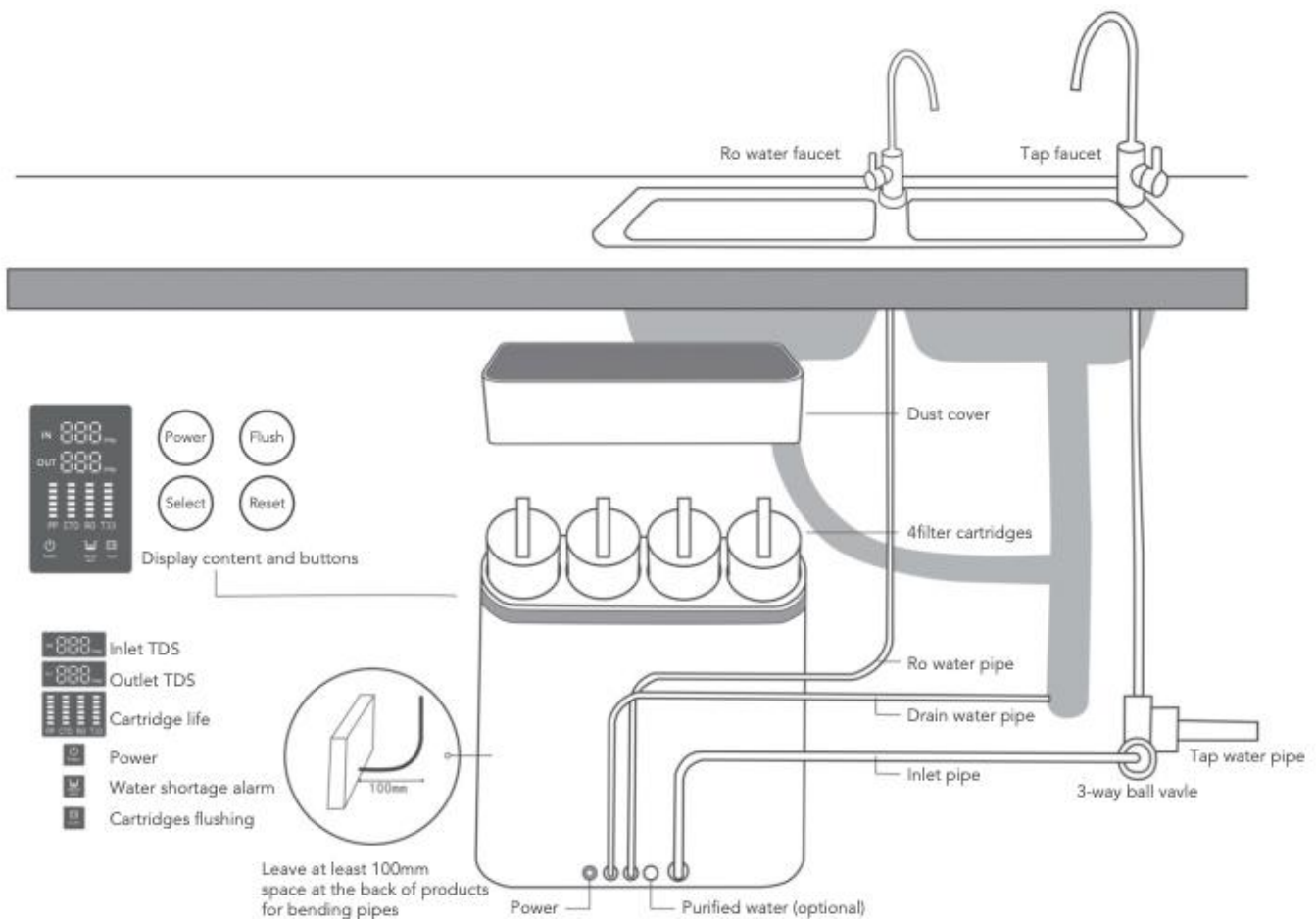
<https://youtu.be/FOr0oXXZkZ8>

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INSTALLATION PROCEDURE

Functional Schematic diagram:



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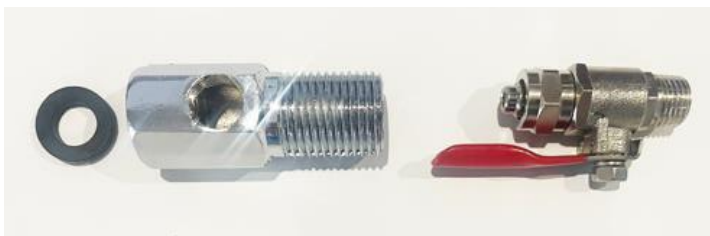
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INSTALLATION PROCEDURE

Installing the feed water tap:

- 1..Install Tee Fitting and Feed Water Valve as per diagram.
- 2..Wrap threads of Feed Water Valve and Tee Fitting with Teflon tape.
- 3..Connect White Feed Water Tubing from unit to Feed Water Valve.
- 4..Install the Feed water valve Tee fitting, and then connect to source water.

NOTE: Use only a supply as Feed Water, hot water will damage your unit. Softened Feed Water will extend the life of the RO Membrane ·



Installing the feed water tap **video**:

<https://youtu.be/WewK8S1kqQs>

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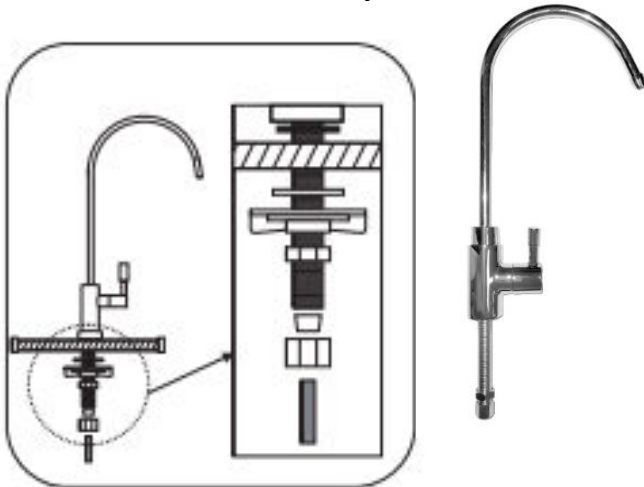
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INSTALLATION PROCEDURE

Installing goose faucet:

- 1..Select a convenient location near your sink to place the faucet.
- 2..Drill a hole 12mm in diameter in counter top.
- 3..Place washers, plates, seals and nuts in order as per diagram and tighten on to counter
- 4.. Attach Blue Pure Water tubing to the bottom of faucet and connect tubing to unit.

CAUTION: Check that tubing is connected correctly.



Installing the RO pipe to the goose faucet:



Installing goose faucet **video**:

https://youtu.be/_TRsZ9VapjE

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INSTALLATION PROCEDURE

Installing video of drain clamp saddle:

<https://youtu.be/zOsRXLczMWU>

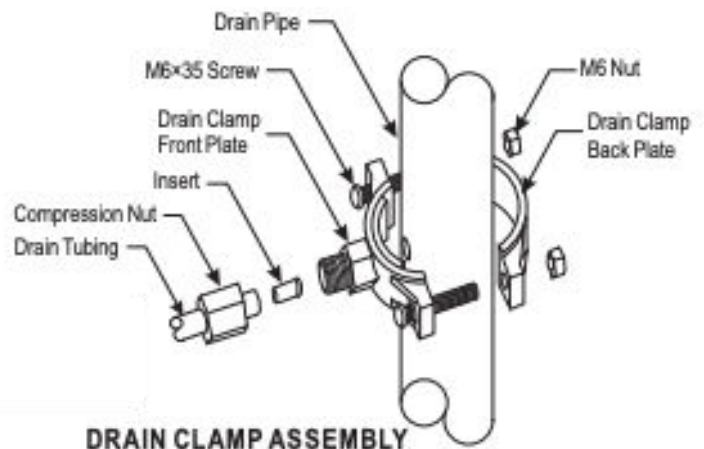
Installing drain clamp:

- 1..Place drain clamp on drain pipe above the drain trap and tighten securely.
- 2..Using the drain clamp as a guide, drill a 6mm hole, enough for the 1/4" tubing to pass through one side of the drain pipe. DO NOT drill through both sides.
- 3..Connect Red Waste Water tubing from unit to Drain Clamp.

CAUTION: When cutting the tubing, make it clean, square. cuts ,failing to do so result in poor connection and possible leaks.

The lowest point of the line should be the point of connection to the Drain Clamp.

There should be no sag in the line as this may cause excessive noise as the reject water is owing to drain.



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REPLACEMENT OF FILTERS



1. STEP

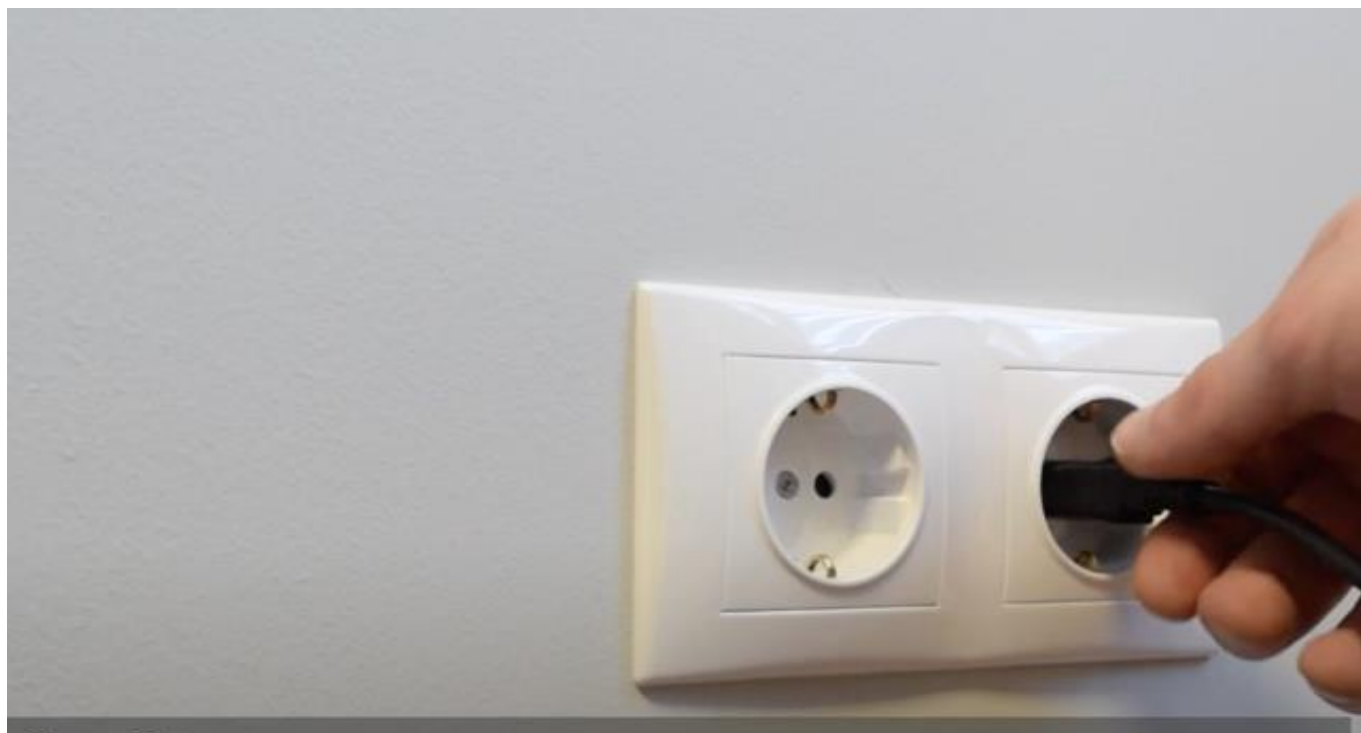
Close the water supply shut-off valve

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REPLACEMENT OF FILTERS



2. STEP

Unplug the appliance power supply from the electricity socket

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REPLACEMENT OF FILTERS



3. STEP

Open the RO faucet and empty the water from the filter

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REPLACEMENT OF FILTERS



4. STEP
Replace the cartridges

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5. STEP

Plug the appliance back into the electricity socket

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REPLACEMENT OF FILTERS



6. STEP

Pres “select” for three seconds until the cartridge capacity starts flashing

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REPLACEMENT OF FILTERS



7. STEP

Press “reset” to reset cartridge capacity

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REPLACEMENT OF FILTERS



8. STEP

Press “select” again for 3 seconds, then press
“select” to change the settings of the next
cartridge

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9. STEP

Open the water supply shut-off valve

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10. STEP

Slowly open the clean water faucet and let the water run for at least 15 minutes

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DISCONNECTION PROCEDURE



1. STEP

Close the water supply shut-off valve

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DISCONNECTION PROCEDURE



2. STEP

Unplug the water filter adapter from the electricity socket

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DISCONNECTION PROCEDURE



3. STEP

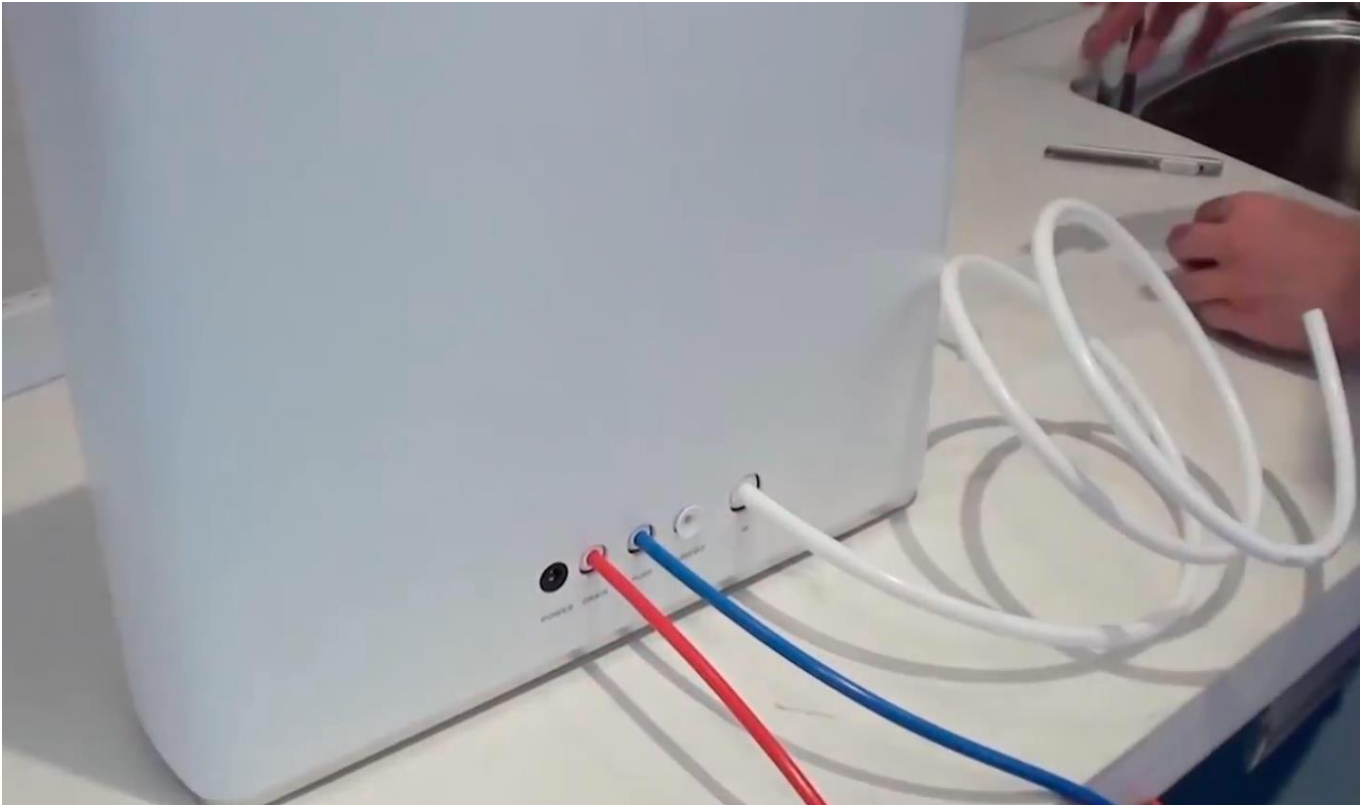
Open the RO faucet and empty the water from the filter

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DISCONNECTION PROCEDURE



4. STEP

Press ring around pipe fitting inwards and pull out

Disconnecting TUBE from fitting – How to video:

https://youtu.be/cnKpiKj_HeE

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Water Filters

Function

Estimated Lifetime

Lifetime of filters depends upon usage and quality of water

For optimum results and to benefit of the 1:1 Waste Water Ratio, it is recommended to fill at least 1L at each usage



**HDPP-
SNOWPAD**

Filter 1 - PP Sediment Filter
 Hidrotek Bayonet Spun PP RO Filter for
 Snowpad

Removes particles like salt,
 sand, rust, dirt & other
 undissolved particles

2,000L
 Circa every 6
 Months



**HDCTO-
SNOWPAD**

Filter 2 - Block Carbon Filter
 Hidrotek Bayonet CTO RO Filter for
 Snowpad

Removes chlorine bad taste,
 odours & many volatile organic
 chemicals

2,000L
 Circa every 6
 Months



HDRO400-GPD

Filter 3 - RO Membrane
 Hidrotek Bayonet RO Membrane Filter for
 Snowpad

Removes up to 99% of Total
 Dissolved Solids (TDS) bacteria,
 viruses, heavy metals, arsenic,
 radium, mercury, iron, lead,
 fluoride, plus many other
 chemicals & contaminants

2,000L
 Circa every 2
 Years



**HDT33-
SNOWPAD**

Filter 4 - T33 Post Coconut Carbon Filter
 Hidrotek Bayonet T33 Post Carbon Filter for
 Snowpad

Absorbs odours & refreshes
 the taste

2,000L
 Circa every
 Year