

HiDROTEK®

SNOWBURG REVERSE OSMOSIS GUIDE

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Snowburg

Tankless

Reverse Osmosis

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Led Light indications

Light colour	Reason
Blue Light	Normal working conditions
Green light	3 pre Filters requires replacement
Red Light	Leak detection – water spilled when filter was replaced or disconnected

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PP Sediment Fiber



①

Remove
large particles
suspended in water.

(replace every 3-6 months)

Block Carbon Cartridge



②

Remove organics,
chlorine,
odor and turbidity

(replace every 6-12 months)

Block Carbon Cartridge



③

Further remove organics,
chlorine,
odor and turbidity

(replace every 6-12 months)

Reverse Osmosis Membrane



④

Remove bacteria,
heavy metals,
dissolved matter and salinity.

(replace every 12-24 months)

Post Carbon Cartridge



⑤

Adjust the taste
of treated water

(replace every 6-12 months)

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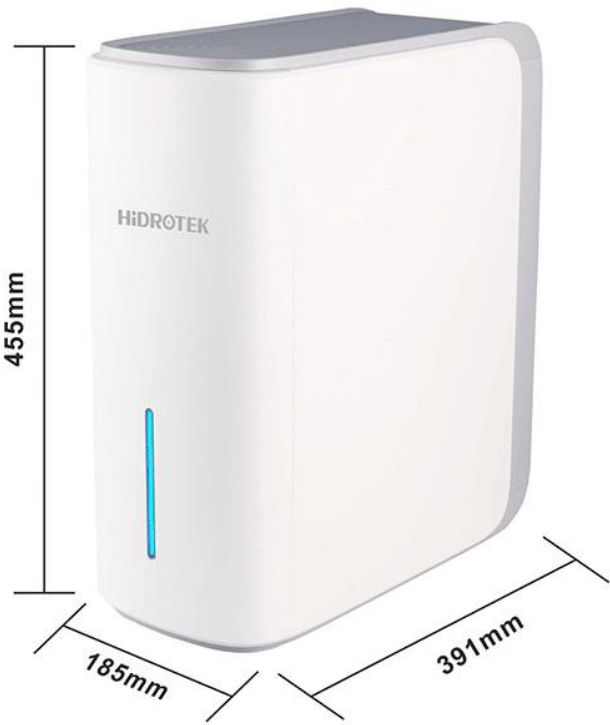
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Capacity	400 gallons per day
1 st stage	Pp Sediment filter
2 nd stage	Compressed Carbon filter
3 rd stage	Block Carbon filter
4 th stage	Membrane with NSF certification
5 th stage	Post Carbon Filter
Dimensions (H x W x D) mm	455 x 185 x 391

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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

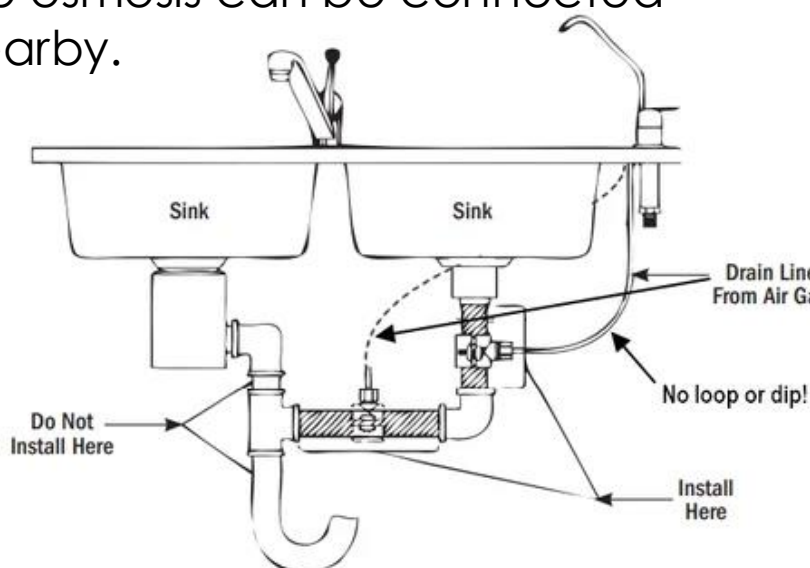
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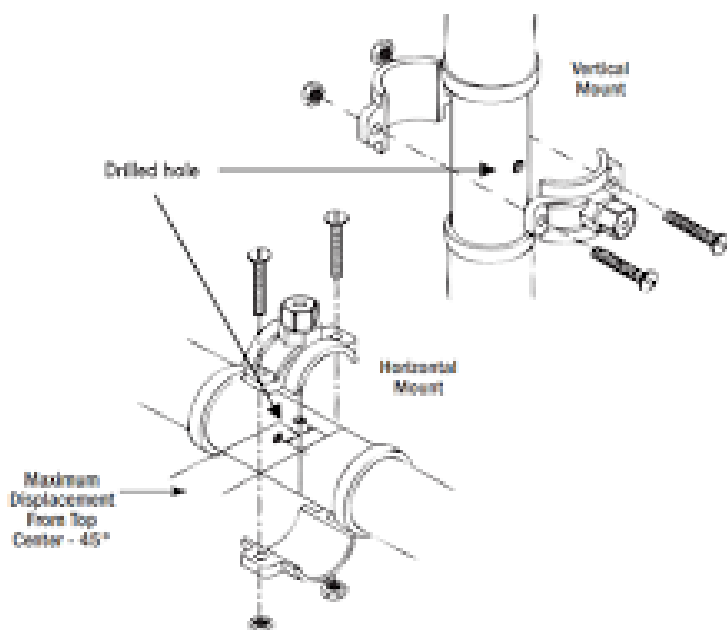
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INSTALLATION REQUIREMENTS

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



Reverse Osmosis Drain connection



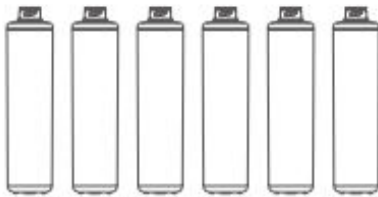
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INSTALLATION PROCEDURE

What is included in the packaging:



Six Filter Cartridges

Includes spun PP filter(PP), block carbon filter(CTO), coconut carbon filter(CTOS), 2pcs x reverse osmosis membrane(RO), and post activated carbon filter(T-33).



Main Body

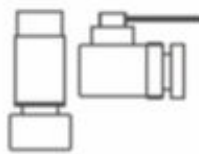
One Accessory Box

Includes faucet, 3-way ball valve, three pipes, instruction book, adapter and drain clamp

Images of accessories for reference:



Goose faucet



3-way ball valve



3 pipes
(red, blue and white)



Instruction book



Adapter



Drain clamp

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INSTALLATION PROCEDURE

Tools Required:



Cutter



Teflon tape



Cordless drill



Adjustable
spanner



¼" drill

Cutting and Connection of pipes **video:**

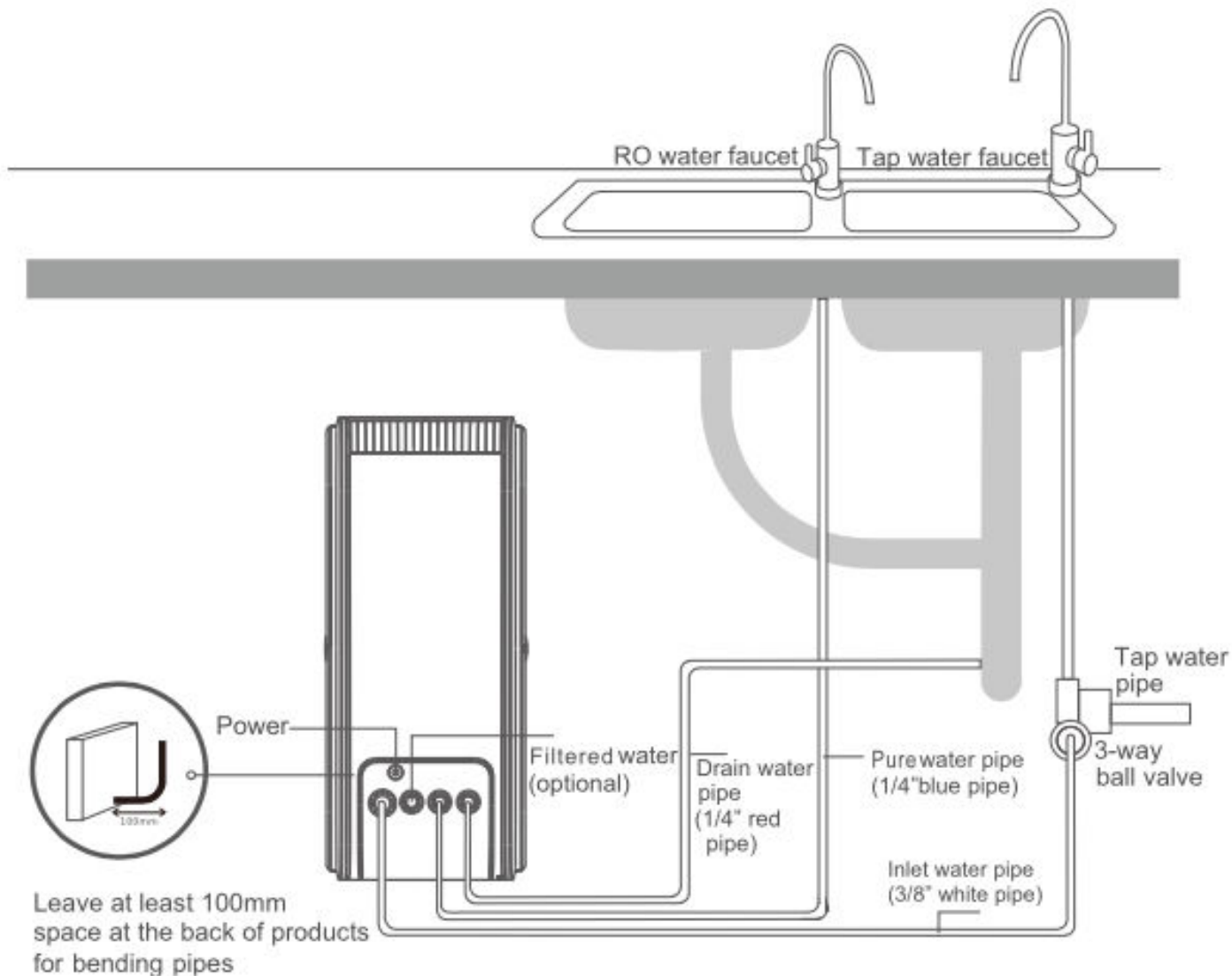
<https://youtu.be/FOr0oXXZkZ8>

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INSTALLATION PROCEDURE



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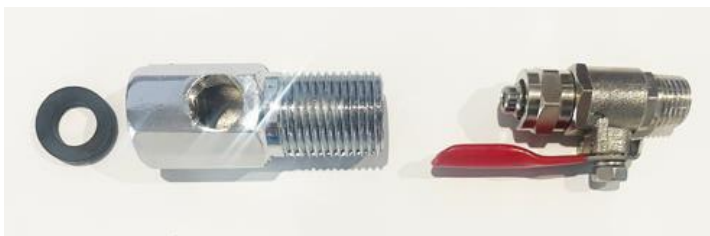
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INSTALLATION PROCEDURE

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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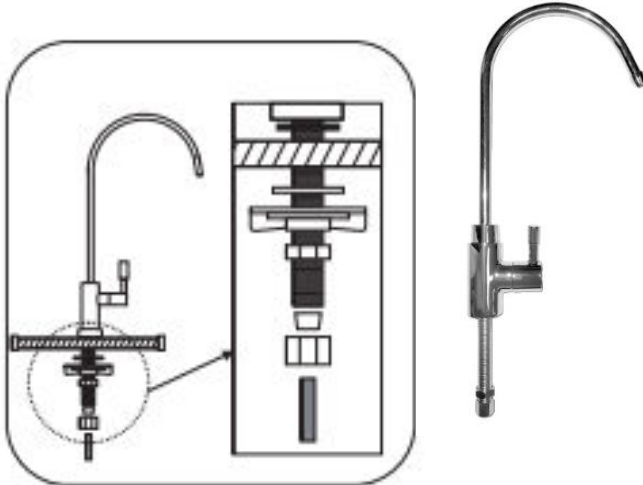
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Installing goose faucet:

- 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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Installing video of drain clamp saddle:

<https://youtu.be/zOsRXLczMWU>

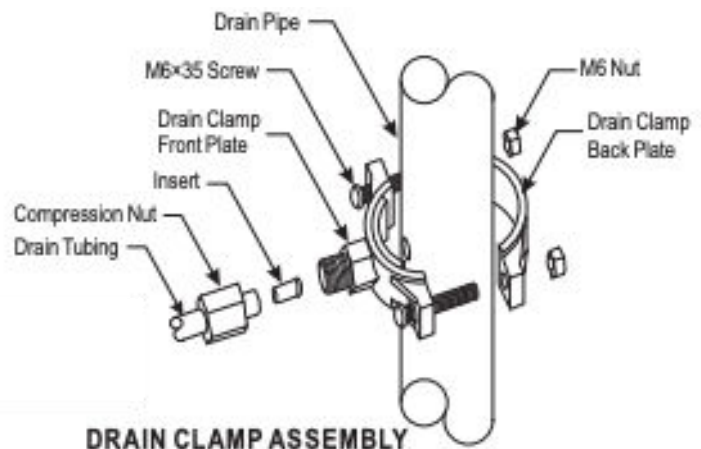
Installing drain clamp:

- 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.



DRAIN CLAMP ASSEMBLY

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FILTERS PLACEMENT INSTALLATION



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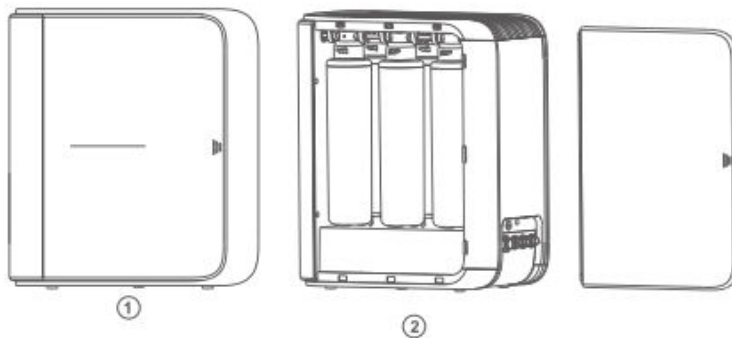
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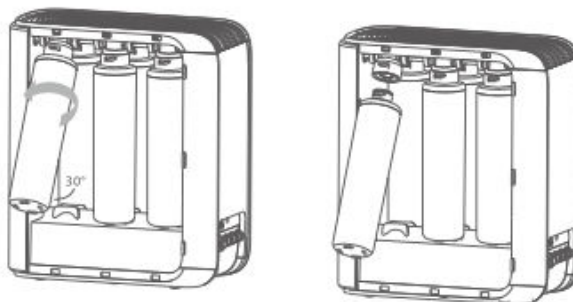
REPLACEMENT OF FILTERS

Cartridges Replacement

Please cut off the water, turn off the power, open RO water faucet and discharge water in pipeline before replacing cartridges.



2. Lift up cartridge 30°, rotate anticlockwise then remove it.



3. Install new cartridge by rotating clockwise according to specifications, then fix the side board.



Note: Please reset cartridges after replacement.

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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 appliance

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REPLACEMENT OF FILTERS



4. STEP

Lift cartridge 30Deg , rotate and remove –
Replace the cartridges

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5. STEP

Plug the appliance back into the electricity socket

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REPLACEMENT OF FILTERS



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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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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PP Sediment

HDPPP-10CF

Condensed Block Carbon

HDPCTO-10CF

Inline Activated Carbon

HDPT33-10CF

Reverse Osmosis Membrane

Qty 2 of
HDPRO-10CF-200G

**HDPCTOS-10CF**

[Snowburg filter - Crosscraft website](#) - Click here for prices