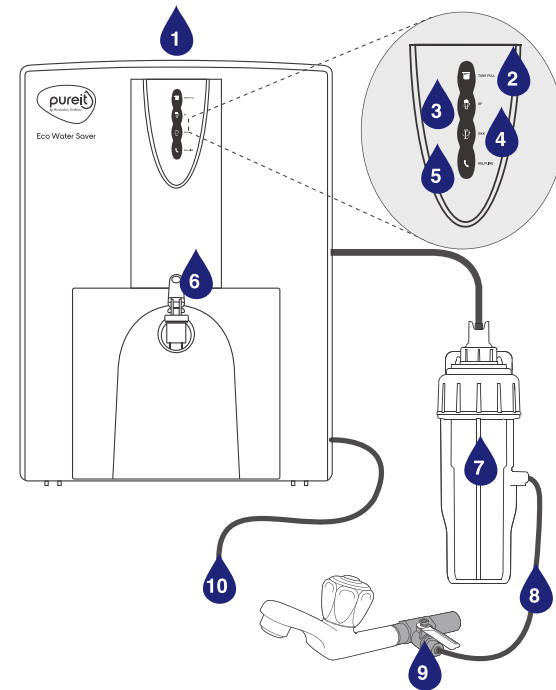




Welcome to the Pureit family

INSTRUCTION MANUAL

KNOW YOUR PUREIT ECO WATER SAVER MINERAL RO+UV+MF PURIFIER



- | | |
|-----------------------------------|------------------------------|
| 01. Cleaning Solution Dispenser | 06. Tap |
| 02. Storage Tank Indicator | 07. Sediment Filter Assembly |
| 03. Pre Sediment Filter Indicator | 08. Inlet Water Tube |
| 04. GKK Life Indicator | 09. Ball Valve |
| 05. Helpline Indicator | 10. Waste Water Tube |

UNIQUE FEATURES OF PUREIT ECO WATER SAVER MINERAL RO+UV+MF PURIFIER



ADVANCED 7 STAGE PURIFICATION WITH RO+UV+MF
Every drop of water you drink is sweet and always safe.



100% RO PURIFIED WATER
All water passes through RO ensuring no mixing of purified and impure water. Only RO can remove harmful chemicals like Lead, Mercury etc.



SPECIAL MINERAL CARTRIDGE
Enriches water by adding essential minerals like Calcium and Magnesium.



LARGE STORAGE CAPACITY OF 10 LITRES
You will never run out of purified water.



WITH ECO RECOVERY™ TECHNOLOGY
up to 60%* saves significant water when ordinary RO's save only 25%.



DOUBLE PURITY LOCK: ADVANCE ALERT WARNS YOU 15 DAYS* BEFORE FILTER EXPIRY AND AUTO SHUT OFF™ STOPS WATER IF FILTER IS NOT CHANGED.
100% guarantee of safe and sweet water.

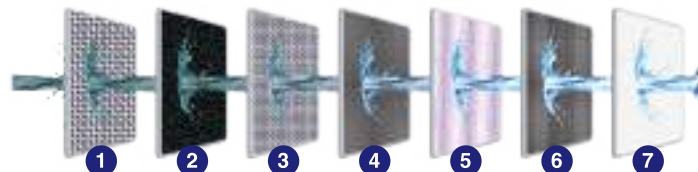


HI-SPEED PURIFICATION OF UPTO 24 LITRES/ HOUR* (HIGHEST AMONG LEADING RO'S^)
Purifies water for the entire day in less than 1 hour**100% guarantee of safe and sweet water.



UNITED STATES ENVIRONMENT PROTECTION AGENCY (USEPA) COMPLIANT****
Meets the toughest safety standards by removing 1 crore virus and 10 crore bacteria from 1litre water.

PUREIT ECO WATER SAVER MINERAL RO+UV+MF PURIFIER'S ADVANCED PURIFICATION PROCESS



This is a graphic representation of filters

1. Pre-Sediment Filter (SF)

Removes fine and coarse particulate impurities/ dirt and improves life of the Carbon Filter.

2. Pre-RO Carbon Filter

Removes chlorine and organic impurities such as harmful pesticides. It also absorbs bad taste and odor-causing organic compounds from water.

3. Mesh Filter

Filters water further to ensure removal of finer particulate impurities.

4. RO Membrane

Removes dissolved salts, hardness, pesticides and heavy metals like arsenic, lead and mercury. It also removes microbial contaminants like bacteria, virus, protozoa and cysts.

5. UV Chamber

Acts as an additional stage of purification to further inactivate bacteria, virus and parasites to deliver safe water.

6. Post RO Carbon Filter

This level of purification acts as a polisher and enhances the taste of purified water.

7. Micro Filtration (MF) Membrane

Micro Filtration Membrane is stage after Post-RO and UV, which ensures that the water is purified not once but thrice.

* Under test condition, Input TDS – 750 ppm, Turbidity – <1 NTU, Input Pressure – 10 psi, Input Hardness – 300 ppm, Temp. – Room temp. **Assumption: 5 member family needing 20 litres of water every day (4 litres per person per day).

^ Pureit Marvella Eco Mineral RO+UV+MF's has highest purification rate across filters life when compared to leading RO brands (Kent Grand+ and Aquaguard Enhance RO+UV) - Under test condition, Input TDS – 750 ppm, Turbidity – <1 NTU, Input Pressure – 10 psi, Input Hardness – 300 ppm, Temp. – Room temp.

Advance Alert System will alert you 15 days before or 15 hours before completion of every 260 hours of pump running time. The purifier will communicate the alert only if the purifier is in a switched-on condition during the scheduled alert time. Post the completion of the scheduled alert time, auto shut-off of water will be activated automatically for the GKK parts, event if the purifier is in a switched off condition.

**** Exceeds USEPA GERM KILL Standard guide by removing 1 crore for viruses and 10 crore bacteria from every litre of water

INSTALLING YOUR PUREIT ECO WATER SAVER MINERAL RO+UV+MF PURIFIER

1. The purifier should be installed by a trained Pureit technician.
2. It can be wall-mounted or used as a table top purifier.
3. The purifier should be placed in area which is free of ants/insects/other pests.
4. The purifier should be placed close to the plumbed inlet connection (not more than 2 metres).
5. Do not install the purifier above any electric socket.
6. Avoid sharp bends to the pipes of the product.
7. Do not use an extension cord.
8. Make sure you test the input water TDS (Total dissolved salts) before installing the purifier. The maximum input TDS should not exceed 2000 PPM.

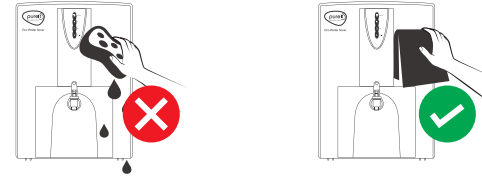
TAKING CARE OF YOUR PUREIT ECO WATER SAVER MINERAL RO+UV+MF PURIFIER

1. Use only the plug provided with the purifier.
2. The purifier should not be connected to any hot water tap. Do not run hot water over 45°C through the purifier.
3. Water from waste water tube is not suitable for drinking. You can use that water for gardening or to clean floors.
4. Store water only in the purifier and don't use other bottles and containers. If you do so, water may get contaminated.

Disposal Guidelines (Electrical): To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate electrical items in this product such as power supply adaptor, control circuits, LED panel, and wiring from other types of waste and recycle them responsibly to promote sustainable use of material resources. Contact either the retailer where you purchased this product, or local government office for details of where and how these items can be taken for environmentally safe recycling.

CLEANING AND MAINTENANCE

Dispenser



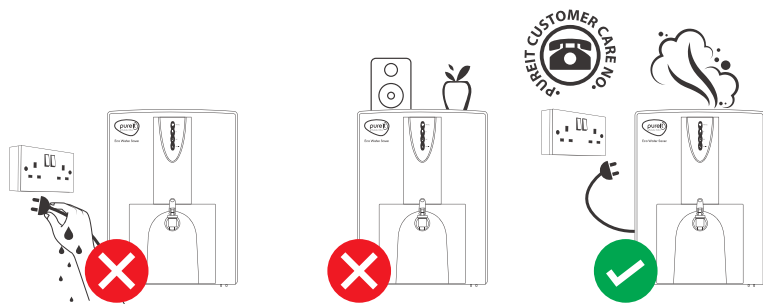
1. Do not use detergents, soap or wet cloth to clean the external parts. Use dry and soft cloth to clean the front cover. It is recommended to use a 3M mop cloth for this.
2. Clean the dispenser by using disinfectants like bleach/hypochlorite (50 PPM available chlorine). Discard 2 litres of water after cleaning the dispenser.
3. Do not use any cleaning solution to clean the LED Display Panel. Damages ensuing thereof are not covered under warranty.

Storage Tank



1. Discard the water in the storage tank once in 15 days.
2. Drain the water in the storage tank if purifier is not used for 2 days.
3. Clean the storage tank once a month with disinfectant solution. To purchase this solution, call us at 1860-210-1000 now.
4. How to clean the tank: Open the cleaning solution dispenser and put 1 ml of the disinfectant solution (10–15 drops) into the storage tank. (Ensure the tank is full). Drain the entire tank after 10 minutes.
5. No foreign material (like dust/ants/insects/other pests) should enter the storage tank. The filtered water in the storage tank may deteriorate in the process.
6. The point-of-use reverse osmosis drinking water treatment systems addressed by NSF-58 standard are designed to be used for the reduction of specific substances that may be present in drinking water supplies (public or private) which are considered to be microbiologically safe and are of known quality.
7. The output water may continue to have flora which are harmless and pose no health hazard to normal healthy adults and children.

KEEP YOURSELF SAFE



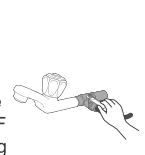
1. Do not open the purifier for cleaning or for any replacements. This can be done only by a qualified company personnel or an authorized agent.
2. Do not plug or unplug the power cord with wet hands to avoid any untoward accident due to electrical shock or fire.
3. Do not splash the filtration system with water while cleaning.
4. Do not put heavy or sharp objects on the purifier.
5. Never put the cord near stoves or heaters.
6. If the power cord is damaged, the power adapter must be replaced and not used.
7. Always switch-off the "Ball Valve" and electrical power in case you notice any leakage from the purifier or you are out of home for more than 2 days.
8. Ensure input pressure is more than 10 PSI and less than 30 PSI ***
9. In case UV lamp breaks, carefully sweep all the fragments, wipe the area with a wet towel, and dispose all the fragments including the used towel in a sealed plastic bag. Open windows to allow room to ventilate. Do not use vacuum cleaner. Hand over the bag to the service technician for proper disposal of the same when he visits to replace UV lamp.
10. In case of any smoke or burning smell, switch-off power, remove the plug immediately and call us at 1860-210-1000.

***If it is more than 30 PSI, you need to use 'Pressure Reducing Valve' which can be bought at an additional cost. If the pressure is less than 10 PSI then you need to buy 'Pressure Enhancing Pump' which can be bought at an additional cost. Ensure you buy them from an authorized service personnel of Pureit.

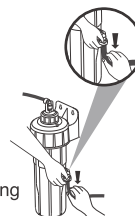
CLEANING AND MAINTENANCE

Sediment Filter

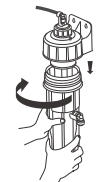
STEP 1 :
Close the ball valve
before opening ESF
housing for cleaning



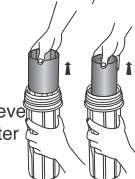
STEP 2 :
Remove the water
inlet tube which is
attached to the housing



STEP 3 :
Rotate the housing
clock-wise and remove it
completely from the cap



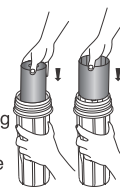
STEP 4 :
Take out the grey
coloured Carbon Sleeve
and the Sediment Filter
from the housing



STEP 5 :
Clean the Sediment Filter
under jet of water,
rub by hand / tap gently
to clean



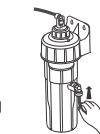
STEP 6 :
After cleaning the Filter,
put it back in the housing
and then put the grey
coloured Carbon Sleeve
back into the housing



STEP 7 :
Insert the housing inside
the cap and rotate it
anticlockwise to engage
the threads Ensure the
housing is tightened till
it's original marking



STEP 8 :
Connect the water
inlet tube to the housing



⚠ ATTENTION

- Close the ball valve before opening SF housing for cleaning.
- Please do not use any abrasive / pointed tool to clean the Sediment Filter as it may damage the Sediment Filter.
- In case you observe the rubber ring is dirty, clean the rubber ring & fix it on the housing again properly.
- Clean the inner portion of the housing as well.
- If required, a Spanner for opening ESF housing can be bought from Pureit service technician.

UNDERSTANDING THE ADVANCE ALERT SYSTEM

LED	Indication	Description
 Storage Tank (White)	Off	Tank not full
	Blinking	No input water/low input pressure (<5 psi)
	Solid White	Tank full
 Sediment Filter (White)	Blinking	*Life of pre sediment filter will end soon, clean the filter or call Pureit helpline for replacement, if it is not cleaned/replaced in time it may affect the performance of the purifier
	Solid White	Pre sediment filter is safe to use
 GKK (White)	Off	GKK life is completed and must be replaced, at this point auto shutoff shuts the water flow, ensuring you don't drink unsafe water even by accident
	Blinking	**Life of *GKK will end soon, call Pureit helpline for replacement
	Solid White	GKK is safe to use
 Helpline (Red)	Off	Purifier is safe to use
	Blinking	Key Electrical Fault, call Pureit helpline for assistance
	Solid Red	GKK life is about to end/completed, call Pureit helpline for assistance

Disclaimer: All images used in this manual are illustrative and the actual product may differ.

* Blinking for sediment filter will occur to clean/replace sediment filter after approximately 132 hours of pump running time. You can either clean SF or call Pureit helpline to replace filters at a nominal cost

During the initial start up of the device, the tank full LED will blink for approx. 15 min and then restore to normal operation thereafter.

** Blinking for GKK will occur to replace filter after approximately 260 hours of pump running time (typically gives 6000 liters of purified water under test conditions of 10 psi input pressure 750 TDS, 25°C, any variations in these test conditions may lead to change in filtered water volume). Please call Pureit helpline for assistance

^ While the GKK and Sediment filter have fixed replacement schedule, you might be required to change the SF/GKK in the interim depending on quality of input water

TECHNICAL SPECIFICATIONS

Pureit Eco Water Saver Mineral RO+UV+MF		
Height	~485 mm	
Width	~360 mm	
Depth	~253 mm	
Weight	~8.3 kg	
Flow rate*	Approximately 24 litres per hour	
Storage tank capacity	10 litres**	
7-Stage Purifying Technology	PP Melt Blown Pre-Sediment Filter, Pre-RO Carbon Filter, Mesh Filter, Reverse Osmosis Membrane, UV Reactor, Post-RO Carbon Filter and Micro Filter Membrane	
Membrane type	Thin-film composite spiral wound	
Pump type	Diaphragm pump, 24V dc	
% Recovery*	Upto 60%	
TDS reduction***	90% (min)	
Input water pH range	pH range 6.5-8.5, Temperature range 10°C- 40°C	
Power rating	42 W (max.)	
Pressure rating	10-30 PSI****	
Rated Voltage	110-240 Va.c. 50/60 Hz (Device can withstand voltage fluctuation from 100 to 300 V a.c.)	
Material of construction for plastic parts	Food safe, non-toxic, engineering grade plastics	
Length of Power Adaptor cord	1.5 metres	
Total Dissolved Solids	Upto 2000 mg/lit#	
Total hardness	500 mg/lit (max.)	
Iron	0.3 mg/lit (max.)>	
Turbidity	1NTU (max.)	
Germkill Kit™		
Material of construction	Food safe, non-toxic, engineering-grade plastics	
Germkill Kit	Pre-Sediment Filter - 1 Number	Pre-RO Carbon Filter - 1 Number
	Mesh Filter - 1 Number	RO Membrane - 1 Number
	TDS Modulator - 1 Number	Antiscalant cartridge - 1 Number
	Integrated Post Carbon + MF - 1 Number	
Germkill performance standard	Meets stringent international criteria for microbiologically safe drinking water – e.g., Environmental Protection Agency (EPA), USA	

* Under test condition, Input TDS – 750 ppm, Turbidity – <1 NTU, Input Pressure – 10 psi, Input Hardness – 300 ppm, Temp. – Room temp.

** Approx 9.5 to 10 litres under running water.

*** Input water quality and TDS content are important determinants of output water quality.

**** If input pressure exceeds 30 PSI, please install a company provided pressure reducing valve at an additional cost. If the pressure is lesser than 10 PSI than you need to buy 'Pressure enhancing pump' at an additional cost. Device should not be installed in a house where input pressure is greater than 60 psi.

> In case the iron is higher than this, it is recommended to install a company provided iron removal filter at extra cost.

Technical specifications are subject to change or improvement without prior notice.

In case the TDS > 1000 ppm, a company provided anti-scalant is recommended to be installed. This has to be purchased at extra cost.

FAQS

How does Pureit Eco Water Saver Mineral RO+UV+MF work?

Pureit Eco Water Saver Mineral RO+UV+MF has a 7-Stage Purification System which ensures you get water that is sweet and always safe.

In the first stage, the water passes through the **Pre-Sediment Filter** which removes fine and coarse particulate impurities/dirt.

The second stage is the **Pre-RO Carbon Filter** that removes chlorine and organic impurities like harmful pesticides. It also adsorbs bad taste and odour-causing organic compounds from water.

The third stage is the **Mesh Filter** which removes the remaining dirt.

Then the water passes through the **RO Membrane** at high pressure, with the help of an inbuilt pump. The RO Membrane removes dissolved salts, hardness, pesticides and heavy metals like arsenic, lead and mercury. It also removes microbial contaminants like bacteria, virus, protozoa and cysts.

Fifth stage is a high intensity **UV Chamber** that acts as an additional stage of purification to further inactivate bacteria, virus and parasites to deliver safe water.

After UV Chamber, water passes through a **TDS Modulator** that adds adequate quantities of essential minerals to the water.

Sixth stage is the **Post-RO Carbon Filter**, which acts as a polisher and enhances the taste of purified water.

Last stage is the **Micro Filtration (MF) Membrane** which added Post-RO and ensures that the water is purified not once but thrice!

What is the storage capacity of Pureit Eco Water Saver Mineral RO+UV+MF?

Pureit Eco Water Saver Mineral RO+UV+MF has a storage tank capacity of approx 9.5 to 10 litres under running water. The process of filling the storage tank is fully automatic and when you take water out of the tank, the purification process automatically starts and refills the

storage tank.

How much time it takes to purify water in Pureit Eco Water Saver Mineral RO+UV+MF?

Pureit Eco Water Saver Mineral RO+UV+MF can purify water upto 24 litres per hour. However, the time taken to purify depends on the life of the filters, the input water pressure, TDS and other impurities present in water.

How will I get new Consumables/Membranes replaced?

You need to call the Pureit Helpline and order for a Germkill Kit. Our technician will visit your place and replace the Germkill Kit at a nominal cost.

Why is the "Tank Full" indicator blinking when I switched on the purifier for the first time?

Pureit Eco Water Saver Mineral RO+UV+MF has been designed in such a way that during the first time startup of the device, the "Tank Full" indicator will blink for approximately 15 minutes and then normalise for usage.

Can I drink the first purification cycle of water from the purifier?

No. After Pureit Eco Water Saver Mineral RO+UV+MF is installed or whenever the Germkill Kit(s) are replaced, discard the first cycle of water (10 litres) that is filled in the storage tank.

What should I do if there is no purified water in the storage tank?

In case there is no purified water in the storage tank then you need to first check for LED indications. If it shows Tank icon blinking post installation, there is no water supply then you can check whether the Ball Valve is closed or the power is off. If none of the above cases are true, please call Pureit Helpline.

Can I open and service my purifier?

It is not recommended to open and service device by an individual. Call our Pureit Helpline if you face any issue which requires servicing and opening the device.

Can I use any type of water to purify through my Eco Water Saver Mineral RO+UV+MF?

Pureit Eco Water Saver Mineral RO+UV+MF will purify "potable" water for removal of

hardness and other impurities to give you safe drinking water. If the input water has impurities normally not present in drinking water (high iron/ turbidity/ microbial contamination etc.) or water is from unknown source (river/lake/pond/ borewell etc.) then suitable pre-treatments may be required.

The Advance Alert System did not give me 15 days warning before the purifier stopped working. Why is it so?

There may be several reasons for this:

While the Germkill Kits and the Pre-Sediment Filter have fixed replacement schedules, depending on your input water quality the Pre-Sediment Filter might need a replacement even before the purifier gives you an alert. In such cases, please contact Pureit helpline on 1860-210-1000 and get the Pre-Sediment Filter cleaned/replaced. Also, Advance Alert System will alert you basis the pump running hours. The purifier will communicate the alert only if the purifier is in a switched on condition during the scheduled alert time. Post the completion of the scheduled alert time, Auto Shut off of water will be activated automatically for the GKK, even if the purifier is in a switched off condition.

Does Pureit Eco Water Saver Mineral RO+UV+MF remove arsenic, flouride and nitrates?

Like other ions, the RO technology can also remove arsenic, flouride and nitrates.

Can I use the reject water?

It is not recommended to use the reject water for any kind of consumption (drinking or cooking). It can probably be used for gardening or cleaning floors.

What should I do if any part of the purifier is broken?

Please call the Pureit Helpline. We will guide you on the repairs required. You would need to buy the replacement parts at an additional cost.

What should I do if there is a leakage from the purifier?

Turn off the Ball Valve and switch off the power, if you find any failure. Check for any visually improper fitments and then call our Pureit

Helpline at 1860-210-1000 and register a service request.

How long the stored water in Pureit Eco Water Saver Mineral RO+UV+MF can be used for drinking?

You can use stored water for 2 days. If it is not used for more than 2 days we advice you to discard that water, refill and then consume.

Can the Pre-Sediment Filter or the other filter parts choke before the Advance Alert ?

While the Germkill Kits and the Pre-Sediment Filter have a fixed replacement schedule, you might be required to change the filters in the interim depending on the quality of your input water.

Should the tap flow rate be very less or if it is taking too long for the tank to fill, then please contact the Pureit helpline at 1860-210-1000 to change the membranes. These extra visits will be chargeable as per T&C.

How can I clean my Pureit Eco Water Saver Mineral RO+UV+MF?

It is recommended to clean dry or wet wiping by 3M mop cloth. Do not spray water on the device front cover as it may damage the electronic part. Do not use soap or hard cleaning detergents.

What should I do if the water from the purifier tastes unusual or the purification is taking more time?

Please call the Pureit helpline at 1860-210-1000. Our technician will visit you and help you resolve all the issues.

What are the ideal usage conditions for an RO technology based water purifier?

The point-of-use reverse osmosis drinking water treatment systems addressed by NSF-58 standard are designed to be used for the reduction of specific substances that may be present in drinking water supplies (public or private) which are considered to be microbiologically safe and are of known quality.





To know more
Contact Pureit helpline number
1860 210 1000
Or Visit: www.pureitwater.com