

FORBES

Healthier is Happier



ENHANCE UF+UV
Water Purifier

USER MANUAL

Fresh & Safe Water

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Dear Customer,

Thank you for welcoming Forbes into your home.

The Forbes Enhance UV is the world's smartest water purifier. The Forbes Enhance UV comes with a six stage enhanced purification process. This makes certain that the water you drink is absolutely pure and crystal clear. Its smart auto-fill technology assures you purified water on tap by purifying and storing water on its own. Ensuring that you and your family always have pure and safe drinking water irrespective of water and power supply fluctuations.

What's more, it offers you complete protection from new age contaminants and heavy metals like lead, arsenic, iron, magnesium and mercury. A first amongst UV water purifiers.

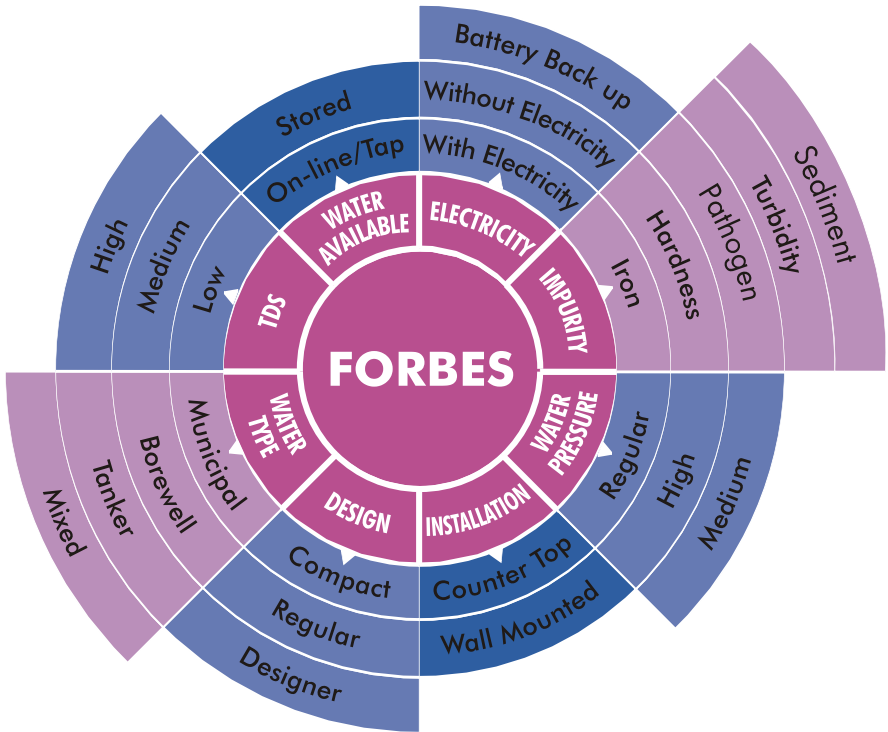
For more information on your new water purifier, please go through this user manual. Should you have any further questions, do visit www.forbeslux.com

Why Forbes

Only Forbes has:

- 7 technologies that cure 17 water problems
- Over 28 years of experience
- Backing of 105 water testing labs worldwide
- Technology equipped to purify borewell, mixed, tanker, municipal, stored and tap water
- A strong service network across the Glob
- The trust of 10 million families
- Guaranteed purity in every drop

Why Forbes?



Tomorrow's Water Purifier, Delivered Today.

We understand that when it comes to your family's health and well being, there can be no compromises. And we do everything we can to help. Which is exactly the reason why Forbes is proud to offer you Forbes Enhance UV. The world's smartest UV water purifier.

The Forbes Enhance UV comes with a six stage enhanced (UF+UV) purification process. This ensures that the water you drink is absolutely pure and crystal clear.

What's more, it offers you complete protection from new age contaminants and dreaded heavy metals like lead, arsenic, iron, magnesium and mercury. A first amongst UV water purifiers.

Its smart auto-fill technology further assures you purified water on tap irrespective of whether water supply and power supply are present at that particular time. So you no longer have to store water and keep filling bottles.

Now, go ahead and make the smart choice. Enhance protection for your family.



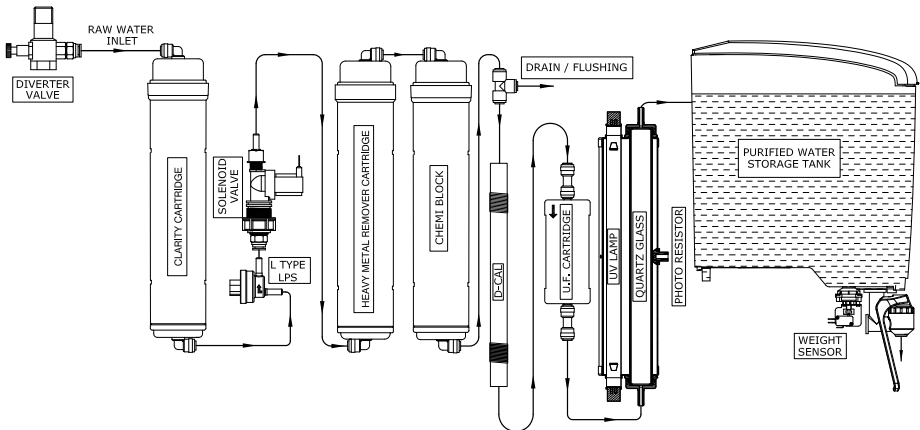
Here's why your Forbes Enhance UV is important

Today, because of industrialisation, drinking water is likely to be polluted with hazardous chemicals like pesticides, residue and biological contaminants. These can affect the kidneys, liver, bones and the digestive system. In severe cases, it can also cause diseases like typhoid, hepatitis and dysentery.

Your Forbes removes these dangerous contaminants from your water. Ensuring that your family gets drinking water that's great to taste and free from harmful impurities.

Know your Forbes Enhance UV

FORBES ENHANCE UV WATER PURIFIER
(WATER FLOW DIAGRAM)



Note: This is a schematic illustration of the product to give a visual scheme of the working of unit.
This is not an actual engineering drawing of the product.

How your Forbes Enhance UV works

Stage 1

Clarity Cartridge

Removes fine suspended particles such as dust, dirt, mud and sand from water.

Stage 2

Miracle Cartridge

Removes heavy metals from water. Specially formulated superior adsorbent 'The Miracle Substance' derived by a Patented Technology of treating activated media.

Stage 3

Chemi Block

Removes excess chlorine, bad odour, color and organic impurities. It also removes pesticides and very fine turbidity causing particles.

Stage 4

D-Calcifier

Electronic impulses are produced to prevent scaling on quartz glass tube of UV reflector housing.

Stage 5

Ultra Filter

Capillary tube type membrane based technology that imparts crystal clear clarity to drinking water in addition to making the water safe from bacteriological contamination.

Stage 6

UV Treatment

UV disinfects the water by eliminating water borne disease-causing bacteria, virus and protozoa thereby making it safe to drink.

Installing Your Forbes Enhance UV

- Install it in a dry, ventilated place, keeping it away from direct sunlight, heating devices or areas below freezing temperature.
- Connect it to only cold tap water. Filters can be damaged if connected to hot tap water. Make sure that the tap water pressure and temperature is between 0.6-2.0 kg/cm² and 5°C - 45°C respectively.
- Make sure that the purifier is installed within the distance of 1.0 M from the tap water supply. The purifier is for 230V only, so make sure that it is connected to 230 V power outlets. Do not install the purifier in a place where water or rain could leak into the unit (outdoors, etc.)
- Forbes Enhance UV can be kept on the kitchen counter or can be wall mounted using a stand.
- In case the water pressure is higher than the maximum specified, use of pressure reducing valve is recommended.
- Sequence to be followed for flushing:
 - (a) Remove the drain pug and snug fit the drain pipe (blue pipe) provided with the installation kit. Keep the other end of the pipe in the drain.
 - (b) Turn On the diverter valve and switch On the unit. Let atleast 10 litres water to flush and switch off the unit when the water becomes clear. Close the diverter valve. Put back the end plug in its place (drain connector of the unit).
- Turn on the water supply and switch on the unit. Let the storage tank get completely filled and then discard this first fill.
- Now, the unit is ready for regular use.

Here's how your Forbes Enhance UV works

The multi-stage Purification Process in your Forbes Enhance UV

Stage	Treatment	Material	Benefits
1	Clarity Cartridge	Polypropylene based depth filter cartridge	Removes fine suspended particles such as dust, dirt, mud and sand from water.
2	Miracle Cartridge	Specially formulated superior adsorbent The Miracle Substance derived by a Patented Technology of treating activated media.	Removes heavy metals from water.
3	Chemi Block	Bacteriostatic Activated Carbon Block	Removes excess chlorine, bad odour, color and organic impurities. It also removes pesticides and very fine turbidity causing particles.
4	D-Calcifier	Microcontroller based electronic impulse producer	Electronic impulses are produced to prevent scaling on quartz glass tube of UV reflector housing.
5	Ultra Filter	UF hollow fibre	Capillary tube type membrane based technology that imparts crystal clear clarity to drinking water in addition to making the water safe from bacteriological contamination.
6	UV Treatment	Germicidal UV Lamp 8 watt	UV disinfects the water by eliminating water borne disease-causing bacteria, viruses and protozoa thereby making it safe to drink.

Your Forbes Enhance UV gives you more



Enhanced Treatment (UF+UV):

The 6 stage water purification system ensures your drinking water is always safe, pure and crystal clear. Free from disease causing bacteria, viruses and protozoa.



Enhanced Protection+:

Complete protection from new age contaminants – lead, pesticides, arsenic, mercury and other heavy metals. A feature only available with Forbes Enhance UV.



Enhanced Storage+:

Freedom from storing purified water in containers thereby ensuring purified water on tap at all times.



Smart Indicators:

Helps the user identify the different modes of the purifier (Power On / Off, Purification Process, UV Fault and Power Saver Mode) through LED and buzzer indications.



Smart Auto-Fill:

Ensures water is filled automatically in the storage tank, so that you do not run out of pure drinking water ever.



D-Calcifier:

Micro-controller based electronic impulse producer prevents scaling on quartz glass tube of UV reflector housing. Keeping your water purifier functioning effectively.



Smart Auto Shut-off:

Automatically shuts down the water flow into the tank in case the advanced software of the unit detects any anomaly in the UV system and alerts the user. Thereby, ensuring safe water at all times.



Dual Flow Tap:

Two-way tap to control the flow of purified water.

Step-by-step guide to pure drinking water

Indications & Controls

- Power ON /OFF indication by LED.
- Purification Process indication by LED.
- UV Fault indication LED & Beep sound.
- Power saver mode indication by LED and Beep.
- A weight sensor is provided to stop the filtration process when the storage tank is full.
- LPS is provided to switch off the unit in case of unavailability of supply water.
- D-Calcifier to prevent scale deposition on QG Glass.

Working of the unit

1. Fit cord plug of the unit into the power socket and turn the switch ON to start the unit.
2. When the power to the unit is turned ON, the dual LED would glow RED for 5 sec indicating that power is on. After 5 sec. it will get off.
3. Then after a wait of 25 sec. dual LED would start to glow in GREEN and three beeps will sound which indicates the enabling of solenoid valve and thereby pure water starts flowing into the storage tank.

NOTE – If water pressure is low then LPS would shut down the Lamp and SV. The LED would remain off in this state. As soon as the water supply resumes the unit will start afresh.

4. When the tank gets full the weight sensor switch would trigger the deactivation of Solenoid Valve and thus stop the water flow to the tank. If the water from the tap is not drawn then after 10 min. the unit would go into power saver mode (i.e. UV lamp will turn off) which is indicated by three beeps and blinking of LED in green color at the completion of 10 min. of idle state.
5. Fault condition: In case of any error in UV system, the LED would start blinking in RED color alongwith beep sound. During this condition unit will not deliver water in storage tank . The beep will stop after 10 min but blinking continues.

Maintaining your Forbes Enhance UV

Tips for a long relationship with your Forbes Enhance UV

1. The key word is cleanliness

Keep the area around your Forbes Enhance UV clean and dry. Wipe your Forbes Enhance UV with a soft cloth once in a while. Keep the spout clean.

2. Keep the Clarity Cartridge clean

To ensure that the Clarity Cartridge works well, have it thoroughly cleaned by the authorised service technician during every service visit

3. Clean the Chemi Block and Miracle Cartridge

To ensure that the Chemi Block and Miracle Cartridge works effectively it should be thoroughly cleaned by the authorised service technician during every regular service. Ensure that only genuine spare parts are used during replacement.

Important: It is essential to get your Forbes Enhance UV regularly serviced by a trained, authorised Forbes service technician.

Maintaining your Forbes Enhance UV

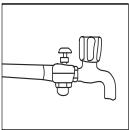
Tips for a long relationship with your Forbes Enhance UV

- Get your Forbes Enhance UV serviced regularly by an authorised Forbes service technician only
- Ensure that only genuine spare parts are used
- Simple maintenance and hygiene will help your Forbes Enhance UV function better

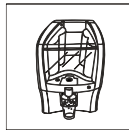
A quick checklist

Problems	Check points	Solutions
Water tastes bad	<ol style="list-style-type: none"> 1. Is the tank clean? 2. Have you kept the purified water in the tank for too long? 3. Is it time to change filter? 	<p>Clean the storage tank.</p> <p>Dispose of water and clean the tank.</p> <p>Call an authorised Forbes service technician</p>
Less water has been purified	<ol style="list-style-type: none"> 1. Is the tap water valve closed? 2. Is the tap water pressure too low? 3. Filters maybe clogged or damaged? 	<p>Open the tap water valve.</p> <p>If so, the amount of purified water will be reduced</p> <p>Call an authorised Forbes service technician</p>
Water doesn't flow into the storage tank	<ol style="list-style-type: none"> 1. Is there water available in the overhead tank? 2. Is the main water supply tap closed? 3. Not sure what is wrong? 	<p>Ensure the overhead tank is filled with water. Ensure the tap is open.</p> <p>Call an authorised Forbes service technician</p>
Water is leaking	<ol style="list-style-type: none"> 1. Is water coming out of the top cover of the purifier? 	<p>Close the tap water valve, unplug the power cord and call an authorised Forbes service technician.</p>

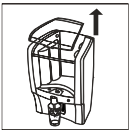
CLEANING AND DISINFECTING THE WATER TANK



- Close the tap water valve
- Switch off the power



- Keep the top cover in place
- Open the water valve
- Switch the power supply ON
- Let the storage tank get filled upto its capacity
- Drop one chlorine tablet in the water in the storage tank
- After ½ hour, drain this water
- Let the tank get filled with pure water again
- Drain this filling
- Use the water from the second filling onwards for drinking



- Open the top cover and push the tap lever up to drain the tank



- Wipe the inside of the tank with a dry, clean soft cloth

Note:

1. Do not drink chlorinated water of the storage tank.
2. Keep away the chlorine tablets from the reach of children.
3. Do not ingest or put chlorine tablet in mouth.

Technical Specifications*

S. No.	Parameter	Specifications
1	Dimensions (W x D x H) in mm	316 x 251 x 462
2	Net Weight	6.3 Kg
3	Storage Tank Capacity	8 Litres
4	Filtration / Purifications modules	Clarity Cartridge
		Miracle Cartridge
		Chemi Block Cartridge
		D-Calcifier
		Micro (UF) Cartridge
		UV Disinfection System
5	Power Rating	20 Watts
6	Input Water Pressure	0.6kg /cm ² (min.) - 2.0 kg /cm ² (max.)
7	Input Voltage	230 V AC / 50 Hz
8	Input Water Temperature	5 - 45° c
9	Input Water Turbidity	15 NTU (max)
10	Input Water Iron	0.3 ppm (max)
11	Input Water Chlorine	2 ppm (max)

Note: If the pressure is higher than the maximum specified, use of the pressure-reducing valve is required. This accessory is available with our company at an additional cost.

* Specifications are subject to change without prior notice

** Flow rate depends on input water pressure and condition of the filter

The Forbes Advantage



Certified by over 105 labs nationally and internationally



Recipient of UNESCO Water Digest Award for Best Complete Domestic Water Solutions Provider and Best Domestic Water Purifier (RO).



Manufactured at ISO 9001 and 14001 certified manufacturing facilities.



Selected as Reader's Digest Most Trusted Brand Platinum Category.

Important Suggestions

Please do this



Turn off the main switch when your Forbes Enhanced UV will not be used for more than 3-4 days.



Store water from your Forbes Enhanced UV in clean containers and preferably keep it in refrigerator. For hygienic reasons it is preferable not to store water for more than 2 days.



We recommend routine check-ups of your Forbes Enhanced UV at least once in 6 months.



If your Forbes Enhanced UV has not been used for a long time. Drain the stored water of the tank and discard the first tank. From second filling onwards you can start consuming the water.

Please do not do this



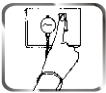
Spill water on any panel of your Forbes Enhanced UV as this may lead to electric shock.



Store water from your Forbes Enhance UV in matkas and candle filters, as the water can get recontaminated.



Connect ordinary pipes, tubing to the outlet spout to collect water from your Forbes Enhanced UV.



Use an extension box for power connection.



Connect hot water supply.



Install your Forbes Enhanced UV close to a gas stove or cooking range.

Questions you may have about your Forbes Enhance UV

What makes the Forbes water purification systems superior to other water purifiers?

Forbes water purifiers are technologically advanced and specifically designed to handle all types of water contamination. From sediments, organics, chemical, bacteria and virus to new-age pollutants like pesticides and VOC. Forbes UV water purifiers have the latest Nano Silver technology, unique IQA system, Auto-fill and more. Making them the best-in-class water purification systems.

Which water purification treatment is most suitable?

This depends largely on the quality of your input water. In general the surface water – water from lakes, river – is highly contaminated with physical, organic and microbiological impurities. These result in various water-borne diseases. Forbes water purifiers effectively handles all the above giving you pure and safe water. However, if your water contains high levels of TDS (Dissolved Solids more that 500 mg/litre which can be measured scientifically with a TDS meter), or the water tastes brackish, then you need the Forbes RO system.

Does drinking water from Forbes make you lose your immunity?

In no way does Forbes water affect the immune system. The Forbes range of water purifiers is designed to give you and your family absolutely pure water, safeguarding the overall health of your family.

Is UV (ultra violet) light dangerous and is drinking UV treated water harmful?

The Forbes's Intell-e-boiling+ UV Chamber is completely enclosed and the UV light is not allowed to escape. In fact, Forbes is ISI certified. Also, UV light has no residual effect in water and hence it is totally safe.

Do you need to boil or filter water from Forbes?

Forbes is a complete purification system that gives you pure, fresh and safe water. Hence, there is no need to boil or filter the water.

How long and where should one store the water?

Forbes water should be stored in a cool, clean place, preferably in steel or glass containers. Avoid matkas or filters as they tend to breed bacteria. Ensure that the storage vessels are rinsed with water from your Forbes and the containers are covered with clean lids. For hygienic reasons, it's preferable to replace the stored water after 2 days.

What harm is caused by excess lead and pesticides in drinking water? And what's the solution?

Excess of lead and pesticides in drinking water can create severe health problems. For instance, it can damage the kidneys, the livers, the digestive system and even the brain. And in severe cases, it can reduce the IQ or cause mental retardation. But, you can be rest assure. Thanks to Forbes. It's the only water purifier that provides lead and pesticides safe, pure drinking water for your child. With its world-class innovative technology it totally purifies the water. It thus protects your child from water-borne diseases and harmful effects of pesticides. Ensuring that your child stays totally healthy. Trust only Forbes to give your child absolutely safe and pure drinking water

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