

# FORBES

Healthier is Happier



**NECTAR**

Non-electric Storage Water Purification System

USER MANUAL

\* 2250 litres = 750 litres x 3 cartridges

## Fresh & Safe Water



Dear Consumer,

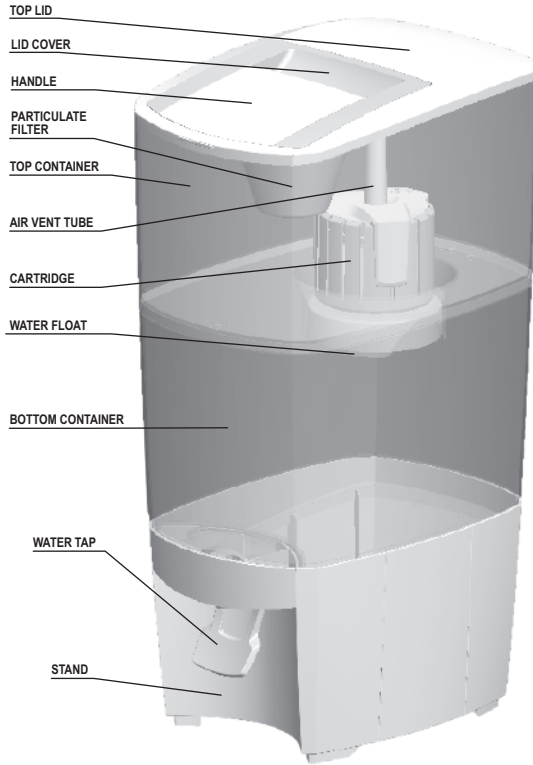
Congratulations on your purchase of the Forbes Nectar Storage Water Purifier backed by the latest technological innovation. We welcome you to the ever-growing family of Forbes consumers and thank you for showing your trust and confidence in us.

With this purchase you have wisely invested in your family's health by providing them protection against water-borne diseases caused by bacteria, virus and cyst.

This Forbes Nectar Storage Water Purifier has been designed keeping in mind your requirements to provide you pure and safe drinking water. We recommend you read the User Manual carefully before commencing to use the product.

Should you require any assistance you can be rest assured that we are just a call away.

# Know Your Forbes Nectar



## TECHNICAL SPECIFICATIONS OF THE PRODUCT:

Dimensions	: 560 x 230 x 335 (mm) (H x D x W)
Net Weight	: 2.710 kg
Top Transparent Container Water Capacity	: 9 litres
Bottom Transparent Container Water Capacity:	11 litres
Material of Construction	: Food grade, Non-Toxic engineering plastics

## TECHNICAL SPECIFICATIONS OF THE CARTRIDGE :

Material of Construction	: Food grade, Non-Toxic engineering plastics
Purification Capacity	: 750 litres
Shelf life of packed Cartridge	: Five years
Performance Standard	: Delivers microbiologically safe drinking water without using any chemicals. Conforms to Indian Standard IS: 10500, 1991 drinking water specification.

How does your Forbes Nectar Storage Water Purifier work?

Your Forbes Nectar is bestowed with highly advanced revolutionary Space Nano with PCT™ – Positive Charge Technology.

Now this technology is made available at your home through your Forbes Nectar to protect your family.

Space nano traps 3 types of contaminants - physical, chemical and microbiological in water.

Space Nano with advanced technology protects you from various water-borne diseases and ensures that your family gets 100% chemical-free safe drinking water.

Stage 1

Particulate Filter: It is special fine micro fibre filter mesh that is capable of removing all visible dirt and impurities.

Stage 2

Sediment Filter: It is highly advanced, patented design, unique micro-fibre mesh with high surface area to remove impurities from your drinking water that are not visible to human eye and thus provides very high clarity in water.

Stage 3 & 4

Space Nano with Positive Charge Technology™ (PCT) is at the heart of purification system. As leaders in water technology and backed with years of research, innovation and technology development; we have compressed two stages of purification into one. This has resulted in a unique technology which has complex nano fibres, that attract and pull out harmful disease-causing bacteria and viruses from your water just like a magnet attracts and holds iron particles. It does not require any chemicals to purify water. So, that you and your family always get 100% chemical-free safe drinking water.

PCT™ comes with “Natural Shut-off™” function that has inbuilt “Shut off” mechanism which activates once it is nearing its useable life.

This means when the cartridge is approaching its end of useful life, it will shut off gradually and at one stage no water will pass through it thus protecting your family from drinking any unsafe water.

This “Natural Shut-off™” mechanism is unique and genuine as it is especially designed to shut off water flow gradually by itself without depending on any other external shut off mechanisms.

How to assemble your Forbes Nectar?

A. How to fix the cartridge

- ✓ Take out the cartridge from the wrapper (Fig. 1a)
- ✓ Remove the protective sticker from the top of the cartridge (Fig. 1b)
- ✓ Take Air Vent Tube assembly and check the O-rings – one bigger O-ring is external and another smaller O-ring is internal. Push the tube into the middle core of the cartridge by holding bottom part of the cartridge (Fig. 1c, 1d, 1e)
- ✓ Fix the cartridge cover by pushing the cover on the assembled cartridge through air vent tube till it gets locked at the bottom cartridge notch (Fig. 1f)
- ✓ The cartridge assembly is completed
- ✓ Check for two O-rings at the bottom opening of the cartridge
- ✓ Press fit the cartridge bottom open end with two O-rings into middle core provided in the top container (Fig. 1g)

B. Float Mechanism

- ✓ Specially designed float is already attached at the bottom of the top container that regulates the water flow and gives you the benefit of double storage capacity. Top container and bottom container can store 9 litres and 11 litres of water respectively.

C. How to assemble the body and particulate filter?

- ✓ Place the stand (Fig. 2a)
- ✓ Place the bottom container on the stand (Fig. 2b)
- ✓ Place the top container on the bottom container (Fig. 2c)
- ✓ Fit the cartridge in top container (Refer Fig 1g)
- ✓ Place the top lid (Fig. 2d)
- ✓ Rinse the particulate filter thoroughly in water (Fig. 2e)
- ✓ Place the particulate filter at the mouth of the lid (Fig. 2f)
- ✓ Close it with top lid cap (Fig. 2g)

Now your Forbes Nectar is ready to serve safe, pure and chemical-free drinking water for your family and friends.

Instructions to follow after assembling the unit - Before using it for the first time

- ✓ Fill the top container with water, carefully pouring in the water through particulate filter (Fig. 3a, 3b)
- ✓ Wait for completion of purification
- ✓ Discard this water completely from the bottom container as this water contains fine particles of carbon when the product is used for the first time
- ✓ Ensure cleaning the inside bottom surface of the bottom container to clear any fine carbon particles

The above procedure needs to be followed before the first usage and every time after the cartridge is replaced or when the purifier is not in use for 10 days or more.

Cleaning and maintenance of cartridge

In case you observe excessive deposit on the outer surface of the cartridge, please do not panic. This indicates that your filter is working well and it is effectively purifying your drinking water.

The outer surface can be gently brushed and cleaned with any soft bristle nylon brush (one is provided along with the product) under running tap water till the surface is exposed. You may choose to use a new baby tooth brush for the purpose, but please keep it clearly identified and use only for this purpose.

Maintenance of Forbes Nectar Storage Water Purifier

- ✓ Open the Top Lid and remove Particulate Filter
- ✓ Wash particulate filter once in 15 days under running water
- ✓ Separate the containers and clean the top and bottom container once in 15 days initially with tap water BUT for final rinse use purified water from Forbes Nectar
- ✓ Wash the exterior of cartridge under running tap water
  - o Remove the cartridge by pulling up from top container (To remove cartridge put your finger at the bottom of the cartridge and lift)
  - o Remove plastic cage on cartridge by lifting the flap at the bottom and pull
  - o Fix the plastic cage on cartridge meeting the latch point and press to lock
- ✓ Ensure cleaning the float also along with the cartridge

Replacement of the cartridge

- ✓ Take out the cartridge from the wrapper
- ✓ Remove the cartridge Sticker from the top
- ✓ Take Air-Vent Tube and check the O-rings – one bigger O-ring is external and another smaller O-ring is internal. Push the tube in the middle core of the cartridge by holding bottom part of the cartridge
- ✓ Replace cartridge after every 750 litres (under normal water quality conditions and consumption levels of about 8 to 10 litres water per day, an cartridge will give pure water for nearly 3 months)

However, the cartridge may last significantly shorter or longer in duration based on source water quality, usage patterns, quality and frequency of your maintenance.

There is a natural built in end-of-life indicator that gradually slows down the flow of water before it shuts

down the flow of water depending on the actual prevailing factors in your home – and not based on some external shut off mechanism. Regardless of however long the cartridge lasts, the unique “Natural Shut-off™” technology ensures that every drop of water filtered is absolutely safe and pure till the very end.

Caution/ Disclaimer - You are handling a piece of delicately balanced technology. For the safety of your own family, please open/replace with care and do not tamper with the cartridge. When in use, please keep the unit away from direct sunlight. The cartridge shall last approximately 750 litres with input of average quality water. In the interest of general health and hygiene, Forbes advises you to keep your overhead and/or underground water storage tanks clean.

## FREQUENTLY ASKED QUESTIONS

What are the greatest advantages of Forbes Nectar and ?

- Attracts and traps bacteria, virus and cyst
- Removes chemicals like chlorine and organics
- Crystal clear, sweet tasting water, un-spoilt by any chemical action or contact
- Ease of use and replacement
- Natural Shut-off™ at end of life which reduces flow gradually and not abruptly
- Removal of Drugs and Pesticide residues

What is the capacity of Forbes Nectar water purifier?

- Your storage purifier gives you facility to store 11 litres of safe and pure water in the bottom container and the top container can store 9 litres of water. So at any time your family is assured to enjoy benefit of 20 litres safe and pure water

How much water can the cartridge purify?

- The cartridge is designed to give you safe water from any microbial contamination up to 750 litres of purified drinking water at normal room temperature and in moderate humidity conditions subject to normal municipal water or potable water from wells and bore wells (not with unnaturally high suspended matter, or very high on TDS / dissolved salts)

Water is not flowing out of my cartridge - what should I do?

- In some rare case occasional dirt accumulation on the surface of the cartridge may slow down or completely stop water flow of the cartridge
- In case water stops flowing or slows down in the initial few weeks, please use soft nylon brush and clean the surface gently under running tap water

How long does it take for the water to get purified?

- Forbes Nectar water purifier purifies up to 5 to 8 litres of drinking water per hour. However, the rate could vary depending on the quality of the input water

Do I have to wait for water to become safe from microbiological impurities for few hours before I use it?

- No, not at all!
- Forbes's Nectar with Germ Magnet is an advanced technology so your family does not have to wait to get purified drinking water. The purified water is immediately available for consumption

How long can the purified water be stored in the bottom container and still be safe to drink?

- Water is safe for consumption up to 48 hrs. It is still fairly safe after 72 hrs, but we do not recommend using it after that

Can Forbes Nectar Water Purifier purify brackish/salty/oily water?

- Forbes Nectar water purifier gives safe water which is free from harmful bacteria, virus and cysts. Dissolved solids or brackishness/ saltiness cannot be removed from water. In case input water is brackish or salty in nature, the output water would be microbially safe, but there will be no change in taste. It may be noted that putting salty or brackish water constantly in the Forbes Nectar water purifier may cause the cartridge to choke before its natural end-of-life
- While the system is capable of removing oil from water, doing so will result in development of a thin film of oil on the surface of the cartridge resulting in early choking

How do I know that when do I have to replace the cartridge?

- The system is characterized by a gradual reduction in flow. So when the flow drops to zero or below usable limits and is not restored after cleaning the surface with brush it is time to change the cartridge

Where can I buy a replacement cartridge?

- The cartridge is widely available across many outlets. Please visit the nearest Forbes Nectar water purifier retailer or the shop from where you had purchased your Forbes Nectar. We are continuously adding new outlets everyday. So very soon cartridge will be available at a retail outlet nearest to you

What if the water flows out very fast when a cartridge is replaced?

- It means that there is a fitment issue and the cartridge is not installed properly. Please remove the cartridge and check all the O-rings and seals; especially check the O-ring between the Air vent assembly and cartridge. Please refit and check

Can there be scaling in the product?

- There will be no scaling from the use of the product. However, some slime formation may occur at the base of the containers, especially the top container dependent on the quality of input water. While it will not affect the quality of the water in the bottom container, as a part of cleaning and maintenance of Forbes Nectar it is advisable to wipe it clean with a dry cloth or tissue paper. In no condition should it be washed off with the cartridge in place

What precaution should I take while using this system?

- You are handling a sensitive world class technology. Therefore for the safety of your own family, please open/replace with care and do not tamper with the cartridge

In the interest of general health and hygiene, Forbes advises you to keep your overhead and/or underground water storage tanks clean.

To get the best possible benefits from your new investment we suggest you to follow this simple list

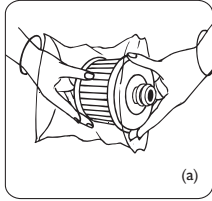
Do`s

- ✓ Keep Forbes Nectar in a clean, dust free environment, AWAY FROM SUNLIGHT – direct or indirect
- ✓ Clean both storage containers once in 15 days (refer instructions)
- ✓ Please refill the top container when the water level reaches the top cover edge of the cartridge. Due to the safety mechanisms inherent to the cartridge, flow rate will reduce significantly after this level due to the drop in water pressure
- ✓ Ensure that the stored purified water is consumed within 48 hours
- ✓ Clean the sediment filter at regular intervals to improve the water flow
- ✓ Handle all components carefully to avoid accidental damage to storage containers or any other components
- ✓ Please refill the top container when the water level reaches the top cover edge of the cartridge

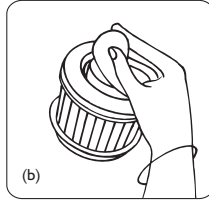
Don'ts

- ✗ Do not use HOT water while filling the top container
- ✗ Do not keep the product near gas stove or cooking range
- ✗ Do not open or tamper with the cartridge
- ✗ Do not use strong detergent for cleaning the container
- ✗ Do not use sharp objects while cleaning

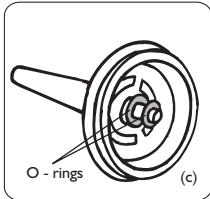
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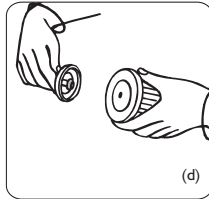
Take out the cartridge from the wrapper



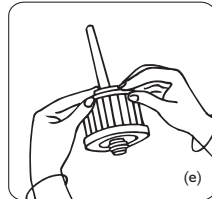
Remove the protective sticker from the top of the cartridge



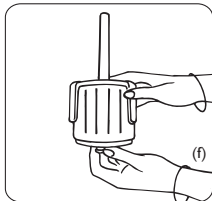
Take Air Vent Tube assembly and check the two O - rings



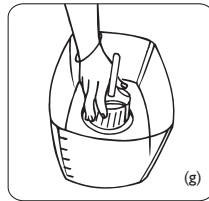
Push the tube into the middle core of the cartridge



Push the tube by holding bottom part of the cartridge



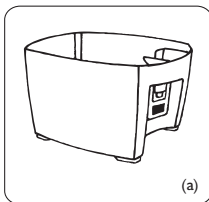
Fix the cartridge cover by pushing the cover on the assembled cartridge through air vent tube till it gets locked at the bottom notch



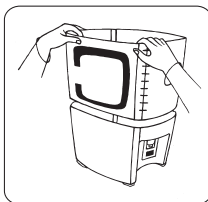
Press fit the cartridge bottom open end with two O ring into middle core provided in the top container



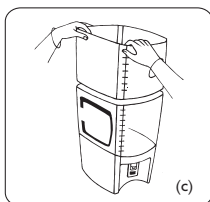
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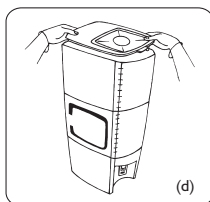
Place the stand



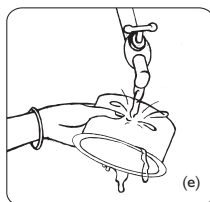
Place the bottom container on the stand



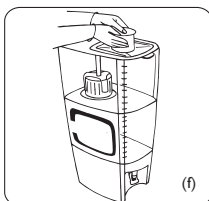
Place the top container on the bottom container



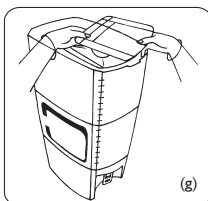
Place the top Lid



Rinse the particulate filter thoroughly in water

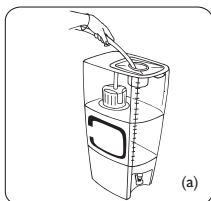


Place the particulate filter at the mouth of the lid

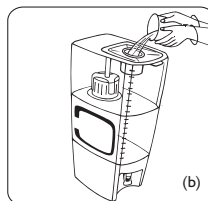


Close with top lid cap

3



(a)



(b)

Fill the top container with water through particulate filter in either way as shown



Produced for Forbes Lux Group,  
Switzerland

Dubai Office:

Forbes Lux FZE, # 207, LOB Building 17, P.O. Box 261698,  
Jebel Ali Free Zone, Dubai, UAE, Tel: +9714-8810115  
For more information visit us at [www.forbeslux.com](http://www.forbeslux.com)