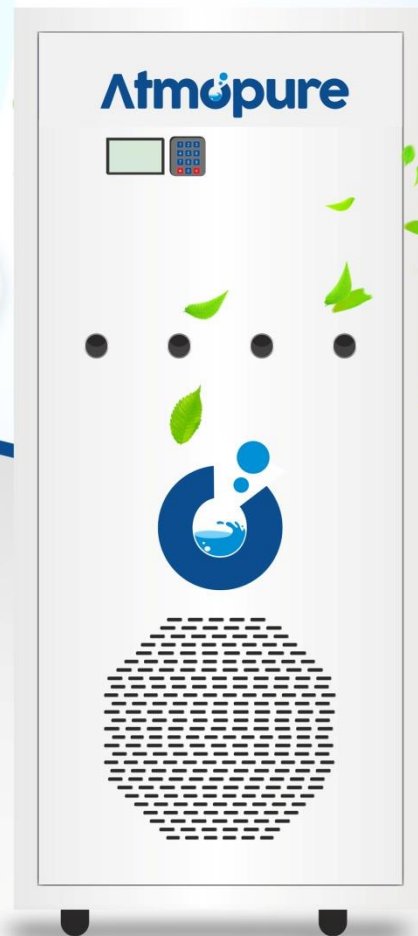




Atmopure
320



**MAKE
WATER
OUT OF
AIR**

**ATMOSPHERIC
WATER
GENERATOR**

www.technosmartinfra.com

Contents

- I. INTRODUCTION.
- II. SAFETY NOTES
- III. PRECAUTIONS
- IV. MAINTENANCE
- V. HOW DOES YOUR ATMOPURE 320 WORK?
- VI. FEATURES OF ATMOPURE 320
- VII. OPERATING YOUR ATMOPURE 320
 - 1. DIGITAL TOUCH SCREEN FUNCTION
 - 2. SETTING UP
 - 3. OPERATIONAL STAGE
 - 4. CLEANING AND REPLACEMENT OF FILTERS
 - i. Cleaning
 - ii. Sterilization
 - iii. Replacement
 - 5. ATTENTION
- VIII. TROUBLE SHOOTING
- IX. TECHNICAL SPECIFICATIONS

Note: We reserves the right to at any time without notice make any changes / amendments / deletions and / or variations to the contents of this manual.

INTRODUCTION

Thank you for purchasing the ATMOPURE 320. The ATMOPURE 320 is a new, state-of-the-art water-generating machine, which uses some of the latest and most sophisticated technology available in the industry today with

- Steam
- Hot water
- Cold water
- Pressurised Water

We have designed your ATMOPURE 320 with one objective in mind i.e. to produce the most maximum amount of high quality drinking water while using only minimum amount of electricity, the machine can produce purified drinking water thus makes it a unique -functional machine.

SAFETY NOTES

1. The socket should be equipped with reliable protection earthing.
2. Do not remove earthing terminal from the power cord.
3. Do not use extension plug nor extension adaptor.
4. Always keep the unit from poisonous gas and liquid.
5. Do not use damaged electrical plug or power cable.
6. Unplug power cord before maintenance.
7. Do not share the electrical socket with other high power consumption appliance.
8. Always use correct replacement parts.
9. Do not unplug power cord with wet hands.
10. Use the enclosed water pipe kids to connect with city water input. Do not use any old water pipelines to connect to the unit.
11. When moving the machine, please unplug the power cord and empty water in all tanks. Do not tilt the machine more than 20° during moving.

PRECAUTIONS

1. Do not place the unit too close to the wall. Best performance is obtained when the unit is placed at least 30 cm from the wall.
2. This unit is not for outdoor use.
3. Avoid prolonged exposure to direct sunlight.
4. Keeps the unit working in standing position.
5. Operating voltage must not drop below 10% of standard Power Supply. When the unit operates below this level, the unit becomes noisy with the possibility of overheating. When this occurs, immediately switch the unit off until the voltage returns to normal.
6. Avoid prolonged direct eye exposure to ultraviolet device as it may damage the eye.
7. Prevent children playing with HOT knob to avoid scalding.
8. This unit is not suitable for use at places with spray water. Do not use spray water to clean the unit.
9. To prevent the machine from damage caused by freezing, please drain off the remaining water and stop operating the machine if the environment temperature during its working is below 0°C.
10. If there is any damage to the power cables, the cables must be repaired or replaced by an authorized person to avoid danger.
11. For the condition of operating on uneven ground, a fixer should be mounted to the unit (as pictures).
12. Do not place any object on top of the machine. Good ventilation is required to ensure optimum performance.

MAINTENANCE

1. Always keep the unit clean. Wipe the outer casing with soft, damp fabric to clean. Use water to clean, avoid using harsh cleaning agent.
2. Do not use cleaning agent to clean storage tanks.
3. Clean air filters regularly to ensure proper air flow.
4. When machine not use for a longer period of time, drain out all water completely and clean all tanks. Please follow sterilization process in the user menu.

HOW DOES YOUR ATMOPURE 320 WORK?

It is important to be aware that your ATMOPURE 320 is a humidity and temperature driven machine. This means the machine totally depends on the level of humidity in the air and the temperature to produce water. Ideally, the humidity level should be at least 50% or above to achieve the machine's optimum performance. In places with lower humidity level, the machine will still produce water but not as quickly, nor as much as in places with high level of humidity. In the house environment, higher level of humidity tends to be around the kitchen area, near an open window or in more spacious rooms. This unit also performs well in an air-conditioned room, but it is recommended to open the window at night to make the room ventilated. Because your ATMOPURE 320 works by converting the humidity in the air to water, this unit also acts as an effective dehumidifier. In areas with high humidity, It not only acts as a good water generator, but also a perfect dehumidifier to keep you healthy and ensure your home appliances a long service time. To ensure high quality of drinking water, The ATMOPURE 320 is utilizing multiple filtration technologies.

When the air is dry or during cold season, water generation will be slow. At this moment, connection to city water will make the machine serve as water purifier by utilization of the filtration and sterilization system.

FEATURES OF ATMOPURE 320.

1. Microcomputer

The unit is fitted with a microcomputer, which ensures proper working of internal parts. The machine has preset hot/cold temperature adjustable functions. Temperature of hot or cold water can preset according to personal preference.

2. Electronic Sensors

Various electronic sensors are attached to parts such as UV light, heating mechanism and storage tanks. These sensors ensure that all parts are working

properly and warn you should a breakdown or performance irregularities occur in the machine.

3. Energy Saving Features

To conserve electricity, electronic sensors have been placed in the storage tank to automatically stop the machine from making more water when the tank is full and hot/cold water reaches the preset data.

4. Child-proof Hot Water Lock Out

The function of hot water lock out is to prevent child from scalding upon touching the water tap.

5. Water Leakage Detector

In case of any unexpected situation of water leakage, the machine can stop working automatically and accompany with warning sound and flashing screen.

6. Condensing Coils

The condenser is designed especially and with food class coating to prevent any metal pollution and improve water production efficiency.

7. Multi-Stage Filtration System

Our dedication to providing high-quality, great tasting water to our consumers is accomplished by our unique multi-stage filtration system. It can remove odor and infectant.

7.1. Anti-static patented air-filter:

Before air become water drop through condensation, the air must go through anti-bacterial air filter to filter out dust particles and effectively block dust in the air from entering the machine.

7.2. LF2 zeolite + active carbon filter at the bottom tank:

This device can remove organic compound, dust and large particles in the air. It can also reduce ammonia level in the water.

7.3. Sediment filter: Remove micro particles to protect RO booster pump.

7.4. Multi stage filtration system:

Our filter system not only can produce light alkaline water with pH between 7.2-7.8 but also producing tasteful purified water with mineral which bring health to our body.

7.4.1. Pre-carbon filter

Remove organic compounds, odor, free chlorine, heavy metal, etc.

7.4.2. Post carbon filter

Further remove any color, odor, heavy metal, organic compound and chlorine, at the same time protecting the RO membrane from chlorine and thus extend the life span on the RO membrane.

7.4.3. RO membrane

To remove micro impurity, colloid, heavy metal, soluble solids, bacteria and other harmful substances.

7.4.4. TCR carbon filter

Provide elements and minerals for human body, raise pH level to light alkaline, improve taste.

8. Ultraviolet Sterilization System

The proprietary ultraviolet lamp treats the water for sterilization to ensure that all bacteria and microorganism are eliminated. Sterilization process is controlled by microcomputer automatically.

8.1. Top tank UV device: Eliminate bacteria grow in top tank, reduce bacteria level to minimal.

8.2. Cool water out UV device: Eliminating bacteria from dispensing tubing. To ensure water is safe to drink.

8.3. Bottom tank UV device: Eliminate bacteria grow in bottom tank, reduce bacteria level to minimal.

9. Water Recirculation

Our exclusive technology ensures that stored water remains fresh and clean and avoids second pollution.

10. Overheat Protector

Overheat protector offers further protection for your machine. In case of overheat in hot pot during heating process, this protector will automatically shut off heating device.

11. Novel and Noble Body

The attractive modern design together with digital touch screen makes the machine easy to operate and more options to select personal preference.

Please contact your Installation and Training Executive

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