

Pre-instruction Literature

On Receipt

It is our policy to promote safe delivery of all orders. This product shipment has been thoroughly checked, packed and quality certified before leaving our factory.

Visible Loss or Damage

If any of the goods called for on the bill of lading or express receipt are damaged or the quantity is short, do not accept them until the freight or express delivery agent makes an appropriate notation on your freight bill or receipt.

Concealed Loss or Damage

When a shipment has been delivered to you in apparent good condition, but upon opening the packaging if any loss or damage has taken place while in transit, inform the carrier's agent / A. O. Smith representative immediately.

About this manual

This manual is a guide to good practice for operating and periodic maintenance of the A.O. Smith X2 Water Purifier.

This does not contain the full servicing procedures necessary for continued successful operation of this product. The services of A. O. Smith Company Authorised Service Technician must be employed periodically on the same.

Do not operate before reading manual supplied with this product.

Please follow instructions in this manual to ensure personal safety and proper operation of this product. A. O. Smith assumes no liability for installation or servicing performed by any unauthorised personnel. Always install, operate, inspect and maintain this product in accordance with all applicable standards. Please store this user manual carefully for any future reference.

General Instructions

Safety

Your safety and the safety of your loved ones is paramount. There are several safety related messages in this manual, which have been provided during various steps such as the installation, operation and maintenance of your X2 Water Purifier. These messages point out potential hazards and also educate on how to reduce any potential risks. Please always read and follow all safety messages as provided in this user manual.

	This is the safety alert symbol. This symbol alerts you to potential hazards that can hurt you and others. All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING".
	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
	Indicates a potentially hazardous situation, which if not avoided, could result in death or serious injury.
	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury or property damage.

WARNING

Do not use this Water Purifier if any part has been under water. Immediately contact a Authorised Service Technician to inspect the Water Purifier and contact A. O. Smith Service personnel to replace any part of the control system which has been under water. Failure to follow this instruction can result in property damage, serious injury or death.

IMPORTANT

These instructions have been written as a guide for the proper installation and operation of your Water Purifier. A. O. Smith will not accept any liability where these instructions have not been followed. However, for your safety and to avoid damage caused by improper installation, it is recommended that Water Purifier must be installed by a Authorised Service Technician.

Before proceeding with the installation instructions:

1. Inspect the Water Purifier and its component parts for possible damage. Do Not install or attempt to repair any damaged component parts. If you detect any damage in the Water Purifier, please contact the dealer where the Water Purifier was purchased or call A. O. Smith Customer Care Centre.
2. Verify that the voltage being supplied corresponds to that which is marked on the Water Purifier manual.

OVER A CENTURY OF INNOVATION

A. O. Smith enjoys a rich history of achievements. A glimpse at our 144-years history reveals numerous engineering and technical achievements.

CHANGING THE LOOK AND THE OUTLOOK OF THE WATER HEATER INDUSTRY

A. O. Smith has established itself as a company that can make a difference. It has brought international quality standards to India's water heater industry. The company came to India in 2008, with a revolutionary range of water heaters. It has raised customer expectations, and shown the industry how to meet them. The company now enters the water purifier industry, an industry poised and ready for change. You can look forward to a lot of excitement ahead.

World's No. 1
Manufacturer of Water Heaters



Manufactured by **A. O. Smith India Water Products Private Limited**
Plot 300, Phase - II, KIADB Industrial Area, Harohalli, Kanakapura Taluk,
Ramanagara District, Karnataka - 562 112, India.
Customer Care No. 1800-103-2468/1860-500-2468 • Website: www.aosmithindia.com
CIN: U31909KA2006PTC040282

*Under standard test condition. For details visit www.aosmithindia.com
Actual product may vary from the image shown.
Part No. : 335300-003_A Date: 13-08-2018



Water Purifiers
X2



POWER OF 1
HOUR RESPONSE*
DAY RESOLUTION
TIME FIX

EXPERT SERVICE

☎ 1800-103-2468/1860-500-2468
📱 +91 99410 32468 (Whats App) or
✉ aosmithcs@aosmithindia.com

Monday to Friday: 9 a.m. to 8 p.m.
Saturday & Sunday: 9 a.m. to 6 p.m.

For calls registered at A. O. Smith call centre before 4 p.m. only. Available only in selected cities. For more details, please call our Customer Care Centre or log on to www.aosmithindia.com

User Manual

UV is a proven disinfection technology used in water purification which delivers micro-biologically safe water. The germicidal lamp inside the UV emits ultraviolet energy that has the capacity to alter the nucleic acid (DNA) of viruses, bacteria and cysts so they cannot reproduce and are thereby considered inactivated. The A.O. Smith X2 water purifier incorporating UV purification technology produces germ-free potable water for drinking. Purified water is collected for drinking in a storage tank.

How does the A. O. Smith X2 water purifier work?

A. O. Smith X2 water purifier has 5 stages of purification system, wherein the water is passed through the various stages and progressively filtered to get purified water which is stored in the inbuilt storage tank.

Stage 1 – Sediment filter
The Sediment filter is used to remove physical contaminants such as dirt, dust, soil particles, turbidity present in the water. This improves the life of the Fine Sediment filter.

Stage 2 – Fine Sediment filter
The Fine Sediment filter is used to remove finer physical contaminants present in the water. This improves life of the Carbon block.

Stage 3 – Carbon block
The Carbon block with high adsorption capacity reduces harmful chemicals including pesticides, volatile organic compounds, residual chlorine etc., from water. It also adsorbs bad taste and odour causing organic compounds from water.

Stage 4 – UV lamp
In this stage water is passed through UV housing wherein UV rays disinfects the water by eliminating water-borne disease causing microorganisms like bacteria and virus making it healthy for drinking.

Stage 5 – UF (Ultra fine) filter
In the final stage water is passed through Ultra fine filter where it removes deactivated microbial cells and cysts.

Introduction

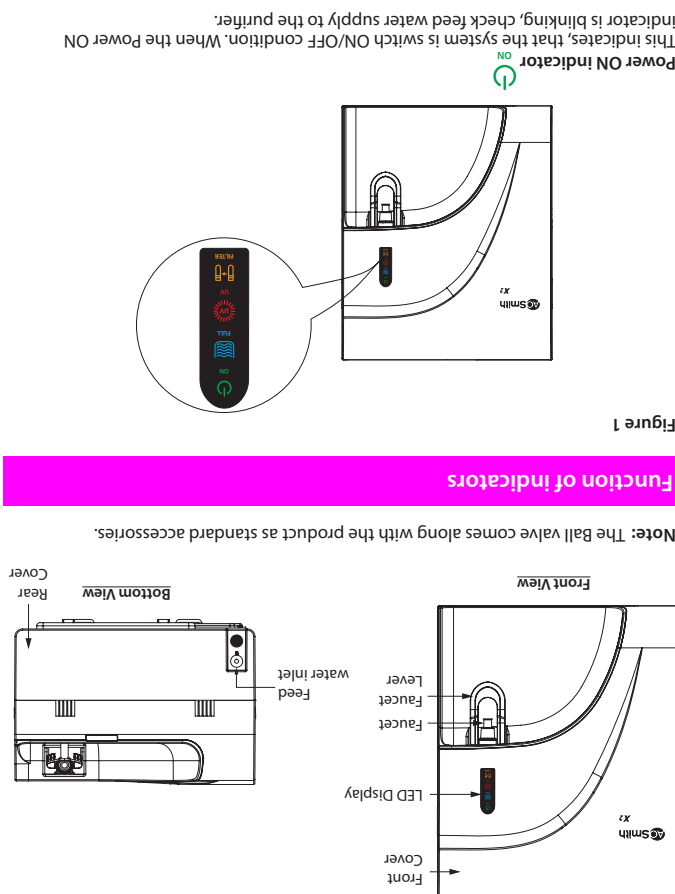
Purity through 5 Stage UV Purification
5S Technology: In A. O. Smith Water Purifier passes through Sediment filter + Fine Sediment filter + Carbon block + UV lamp + UF (Ultra Fine) filter.

Advanced UV lamp (Ultra Violet Lamp)
UV is a proven Non-chemical, disinfectant technology to give you healthy water. Suitable for water with low TDS.

Digital Display
Digital display for simple and intelligent display of information.

UV Life Alert
Indicate in advance when the UV lamp needs to be changed.

Advance Alert Technology
For filters and UV change.



Tank full indicator
This indicates that the Water Purifier tank is full.

NOTICE
Call A. O. Smith Customer Care Centre if you notice continuous blinking of Tank full indicator and Power ON indicator.

UV lamp indicator
This indicates when UV lamp is not functioning.

NOTICE
Call A. O. Smith Customer Care Centre if you notice continuous blinking of UV lamp indicator.

Filter change indicator
This indicates that the filters and UV lamp needs to be replaced. Filter change indicator starts blinking indicating that the filters and UV lamp life* is reaching its end time.

When filters and UV lamp life* reaches its end, filter change indicator keeps on blinking and the unit stops functioning.

NOTICE
Call A. O. Smith Customer Care Centre to replace the filters and UV lamp.

Note: Filters may require replacement before filter change indications, as filter replacement depends on feed water conditions (Refer [page 14](#)).

Water flow

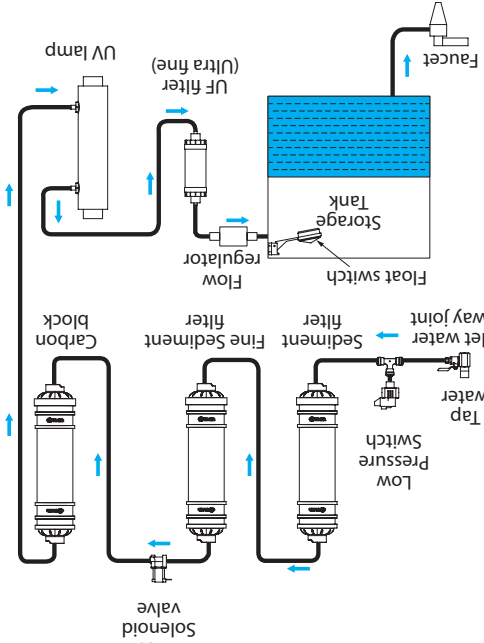


Figure 2

Electrical Diagram

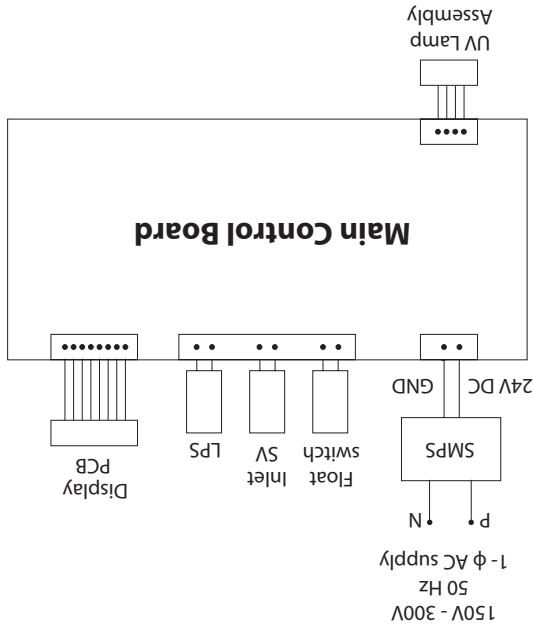


Figure 3

Safety Precautions

Electrical Safety
Even though this product is designed keeping highest safety standards in mind, there are certain Dos and Don'ts which need to be followed while using this product.

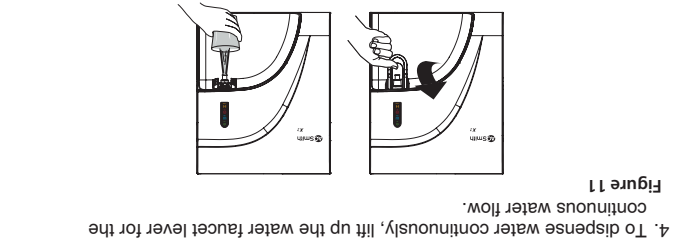
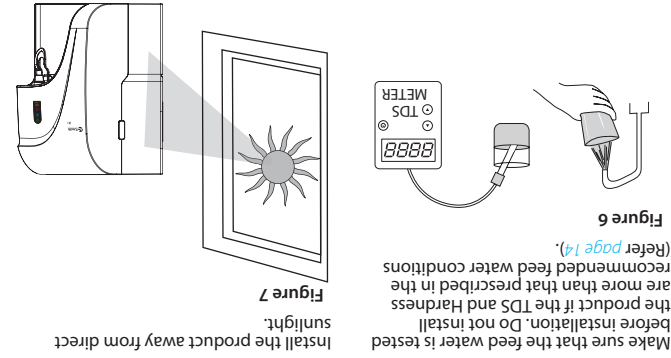
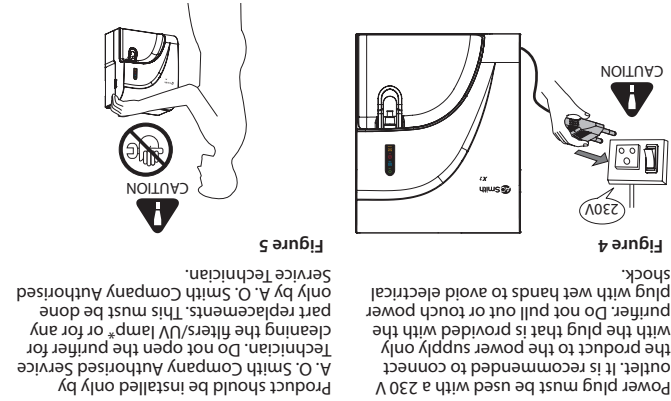
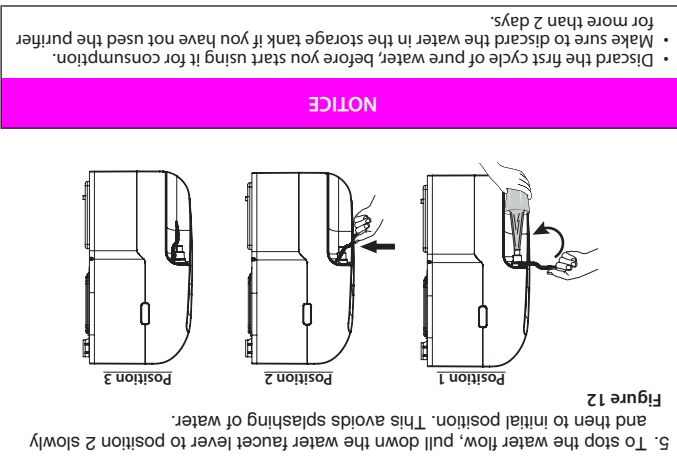


Figure 1



Troubleshooting	
Problems	Possible Cause(s)
Change in water taste	Has the purified water been stored in the tank for long time? Call Customer Care Centre for filters/UV lamp replacement.
Decreased flow of purified water	Has the raw water quality changed? Check whether the tap/ball valve is closed. Open the tap/ball valve. Call Customer Care Centre.
Power ON LED indicator blinks continuously	Low pressure alarm is triggered indicating that the system input water pressure is not in the required range. Check feed water supply to the purifier. If problem still persists, switch OFF the Water Purifier and call Customer Care Centre.
Power ON and Tank full LED indicator blinks continuously	Inlet solenoid valve error. Switch OFF the Water Purifier and call Customer Care Centre.

All LED blinks continuously	Battery error.	Switch OFF the Water Purifier and call Customer Care Centre.
UV lamp LED blinks continuously and unit is not functioning.	UV lamp failure.	Switch OFF the Water Purifier and call Customer Care Centre.
Filter change LED blinks and unit is functioning.	Filters and UV lamp life is about to end.	Switch OFF the Water Purifier and call Customer Care Centre filters and UV lamp replacement.
Filter change LED blinks and unit is not functioning.	Filters and UV lamp life ends.	Switch OFF the Water Purifier and call Customer Care Centre filters and UV lamp replacement.

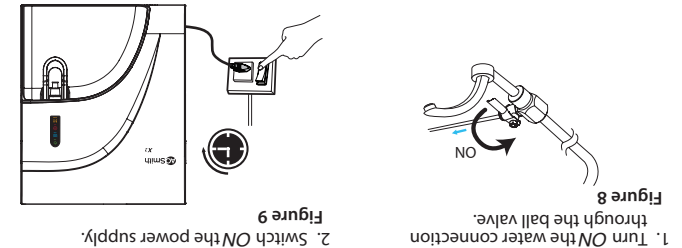
Note: Call Customer Care No. 1 800-103-2468/1860-500-2468.

Technical Specifications	
Model	X2
Product Dimensions (H x D x W)	460 mm x 260 mm x 380 mm
Net Weight	6.6 kgs (approx.)
Gross Weight	8.9 kgs (approx.)
Storage tank capacity	5 litres (approx.)
Purification technology	UV Technology
5 Stage Purifying Technology	Sediment filter + Carbon block + UV and + UF (Ultra fine) filter
Material of construction for plastic parts	Food safe, non-toxic, engineering grade plastics
Input Voltage	150 – 300 VAC, 50 Hz
Power rating (Max)	28 Watts
Pressure Rating*	5 psi to 30 psi
UV lamp Power Rating	11 Watts
Input water temperature	5°C to 45°C

Recommended input Feed water quality for the optimum performance of your product
* If input pressure exceeds 30 psi, a pressure reducing valve needs to be installed at the feed line. If the pressure is lower than 5 psi, a booster pump needs to be installed. Ensure you buy them from A. O. Smith Company Authorised Service Technician.

Recommended Feed Water Quality	
Parameter	Limits
Total Dissolved Solids (TDS)	Up to 200 ppm
Total hardness	Up to 120 ppm
Turbidity	Up to 5 NTU
Iron	0.3 ppm (max.)
Feed water pressure	5 psi to 30 psi
Feed water temperature	5°C to 45°C

WARNING
*Do not open UV housing as UV rays will be harmful to the human beings. This must be done only by A. O. Smith Company Authorised Service Technician.



How to use

3. To dispense water from the storage tank, push and hold the water faucet lever.

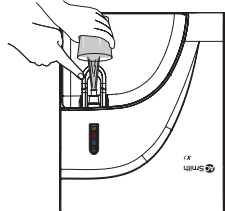


Figure 10