User Manual

Greetings

Congratulations on the purchase of your new Blue Star Aristo Series Water Purifier, which will provide you with safe and healthy RO+UV+UF / RO+UV / RO+UF purified drinking water. This model has been manufactured with the best available materials and with stringent quality control measures undertaken during all the manufacturing processes. It has been tested under actual operating conditions to ensure you years of satisfactory and trouble-free performance.

This manual will help you get the best out of your Blue Star Water Purifier. Before installing the unit, please spare some time to go through this manual carefully. In the unlikely event of your running into a problem, kindly check the Troubleshooting chart to diagnose the possible cause and take necessary steps. However, do not hesitate to email us at waterpurifiers@bluestarindia.com or call us at 1800 209 1177, if you require help.

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BLUE STAR

Aristo

RO+UV+UF / RO+UV / RO+UF Water Purifier

I. Features

1) RO+UV+UF / RO+UV / RO+UF technology

The Blue Star Aristo Water Purifier is available in RO+UV+UF / RO+UV / RO+UF variant to provide you with safe and healthy purified water.

Reverse Osmosis (RO) is a water purification technique that uses a semi-permeable membrane to remove ions, molecules, suspended particles, microbes and dissolved impurities from drinking water. Tap water containing dissolved mineral salts and contaminants is passed through the RO membrane under pressure to filter out contaminants and reduce the hardness of the water.

Ultra Violet (UV) light safeguards against the microbiological impurities present in the water. UV purification deactivates the protozoa, bacteria and viruses by damaging the genetic code, ensuring they cannot reproduce further.

Ultra Filtration (UF) is a separation process that uses a semi-permeable membrane. UF membrane filters out physical impurities as well as harmful microbes like bacteria and cysts from drinking water.

2) Multi-stage purification

The Blue Star Aristo Water Purifier has multi-stage purification, ensuring pure drinking water.

- Stage 1: External Pre-Filter
- Stage 2: Pre-Carbon Filter
- Stage 3: Sediment Filter
- Stage 4: RO Membrane
- Stage 5: Post-Carbon Filter with ATB
- Stage 6: UV Lamp* / UF Membrane#
- Stage 7: UF Membrane^

*Applicable in RO+UV variant only. #Applicable in RO+UF variant only. ^Applicable in RO+UV+UF variant only.

3) Compact size

This is a compact-sized water purifier and can be wall mounted, thus effectively utilising your kitchen space.

4) Large Storage Tank

The system has a storage tank of 7 litres, adequate for large family.

5) Indicators

There are 3 types of LED indicators : Purification On, Tank Full and Low Pressure Alert which glow depending on the purification status.

6) Aqua Taste Booster (ATB)

The system is equipped with specially designed copper impregnated carbon with anti-bacterial properties and calcite media for maintaining optimum pH level of water, thus enriching your experience of drinking water.

2. Safety Precautions

Note: These precautions are presented under two heads: 'Danger' and 'Caution'.

2-1. Danger
(associated with the possibility of serious or even fatal injury)

- Do not use damaged power cords or loose wall outlets.
- Do not touch the power plug with wet hands.

- If the unit is damaged or malfunctioning, do not attempt repair on your own.
- Do not install the unit around largely damp areas, a place near flammable materials, or a place exposed to rain or snow.

- Do not tug at the power cord to disconnect from the mains. Use the plug to pull it out when needed.
- Do not clean the unit before unplugging the unit from the mains.

2-2. Caution
(associated with the possibility of injury, property damage and performance degradation)

- After transport, do not supply power for at least 30 minutes. This will allow the unit to stabilise.
- Do not operate the unit in a sloped or unstable position. This can cause reduced performance or system damage.

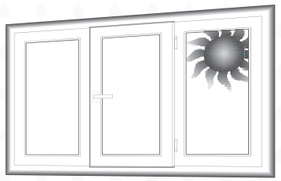
3. Installation

3-1. Pre-installation requisites:

1. 230V single phase AC connection not more than 1.5 metres away from the point of installation of purifier. The wire length supplied with the system is 1.5 metres.
2. Input water supply not more than 2 metres away.
3. Drain for rejected water not more than 2 metres away.
4. Countertop or wall hanging space as per dimensions of the purifier.
5. Input water pressure in the range of 4 to 30 psi.

3-2. DOs and DON'Ts

1. Do not install the unit at the following places:
   - Near fire or heater
   - Near flammable material
   - In front of any cooling/heating device
   - A place exposed to rain and snow
   - A place exposed to direct sunlight
   - Wet place
   - Near chemicals (volatile material, organic solvent, etc.)
   - A place below 0°C or a place with the possibility of dropping below 0°C
   - A place above 40°C or a place with the possibility of rising above 40°C



2. Use input water in the following parameter range only:
   - Water pressure: 4 – 30 psi
   - Water temperature: 5 – 40°C
   - pH: 6.5 – 8.5

   When using water out of above range, discuss with Blue Star since performance may be impacted.
3. When transporting the unit, do not tilt it over 45°.
4. During installation, adjust the level of the unit using a level gauge. Install the unit at a place where the surface is flat.
5. When connecting the tube, ensure that it is not bent or pressed down by heavy objects.
6. Adjust the tubes so that drain water does not splash around the area.
7. If the input water pressure is lower than 4 psi, an external booster pump needs to be installed. If the input water pressure is higher than 30 psi, an external pressure reducing valve needs to be installed. Blue Star's or its authorised dealer's service personnel will install these at additional costs.

3-3. Installation procedure

Blue Star's or its authorised dealer's service personnel will attend to the installation of the unit. However, here is the installation procedure for the record:

1. Choose the installation site keeping in mind the pointers in the earlier section.
2. It is necessary to flush all filters by removing the tubing on the back of each filter and clean the filter with the source water for about ten minutes.
3. To install the RO membrane, remove the membrane-housing cap anticlockwise. Install the membrane by carefully pushing the spigot end into the socket at the far end of the housing until completely in and close the membrane-housing cap.
4. Connect the source water valve and the water inlet with a tube.
5. Connect another tube to the drain hole of the unit and then run the other end of the drain tube into the drainage. Ensure that the drain tube is lower than the level of the installed unit.
6. Mount your unit on the wall or place it on the floor.
7. Connect the power cord of the voltage rating that matches with that on the rating plate.
8. Confirm that water runs into the unit properly and that there are no leakages at any connection.
9. Fill-up the tank and drain the pure water completely, twice. This flushes the membrane and filters the tank for the first-time use.

The unit is now ready for use.

4. Operation

4-1. Indicators

- **Purification On:** Glows **blue** when the purification process is ON.
- **Tank Full:** Glows **blue** when the storage tank is completely filled with purified water.
- **Low Pressure Alert:** Glows **red** when the input water supply pressure is lower than specified.

4-2. Water Dispensing Method

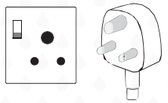
- **Dispensing purified water**
  Push the child lock button and then push the water dispensing lever with cup or drinkware to dispense water.
- **Continuous dispensing**
  Push the child lock button and then lift up the water dispensing lever and fix it. The water will be dispensed continuously.

Caution Note
Do not pull out the water dispensing lever severely to avoid damage or breakage.

4-3. DOs and DON'Ts

- Keep the water filtration system away from direct sunlight. The sun's heat may deform non-metallic parts and damage the electronics. It may lead to discolouration or fading of plastic parts.
- In case the unit is not used for over 4 days, shut off the source water valve and pull out the power plug and drain the stored water completely.
- Periodical filter replacement is a prerequisite for getting pure water. Depending on usage and poor input water quality the performance of filters deteriorates. Therefore, do not forget to get the filters replaced by Blue Star's or its authorised dealer's service personnel.
- Do not repair, disassemble or modify any part of filtration system on your own. Fire and/or electric shock may occur as a result. For repair, call Blue Star's or its authorised dealer's service personnel.
- When shifting to another house, get the unit inspected and packed by Blue Star's or its authorised dealer's service personnel. This will not only keep the unit safe while shifting but is also necessary for continuation of warranty. The packing charges will be as per prevailing rates.

5. Cleaning



1. Shut off the source water valve.
2. Empty the water tank and pull out the power plug.
3. Detach the cover after loosening the fixed screw on the back side of the unit.
4. Detach the water tank cover.
5. Wipe the water tank with a clean soft cloth.
6. Re-assemble the unit.
7. Tighten the screws after inserting the cover properly.
8. Open source water valve and connect the power plug.
9. Drain the newly purified water completely once and then begin using it.

Notes while cleaning:

- Wash your hands using sanitiser or put on sanitary gloves.
- Clean the tank with soft cloth or dry cleaner.
- Do not use chemicals or detergent.
- Discard used cleaner, sanitary gloves, etc after cleaning.
- Make sure that the tank cover is closed and filter is installed properly.
- Do not pull or push the water dispensing lever with excessive force.

6. Filters

6-1. Filter functions

- **Stage 1: External Pre-Filter (Optional)**
  This acts as the first line of defense to remove visible suspended solids from tap water.

- **Stage 2: Pre-Carbon Filter**
  This carbon filter efficiently reduces chlorine and organic chemicals through an adsorption process and protects the membrane.

- **Stage 3: Sediment Filter**
  This efficiently removes fine suspended particles.

- **Stage 4: RO Membrane**
  This removes dissolved solids and other impurities using a semi-permeable membrane **(0.0001µm pore size, 1/1,000,000 of hair) to ensure safe drinking water.**

- **Stage 5: Post-Carbon Filter with ATB**
  This removes dissolved gases and odours to improve water taste. It is equipped with specially designed Aqua Taste Booster which enhances the taste and helps maintain optimum pH level of water, thus enriching your experience of drinking water.

- **Stage 6: UV Lamp* / UF Membrane#**
  Ultra Violet (UV) Lamp destroys microbes (bacteria, virus and protozoa) by UV exposure.

  Ultra Filtration (UF) is a separation process that uses a semi-permeable membrane. UF membrane filters out physical impurities as well as harmful microbes like bacteria and cysts from drinking water.

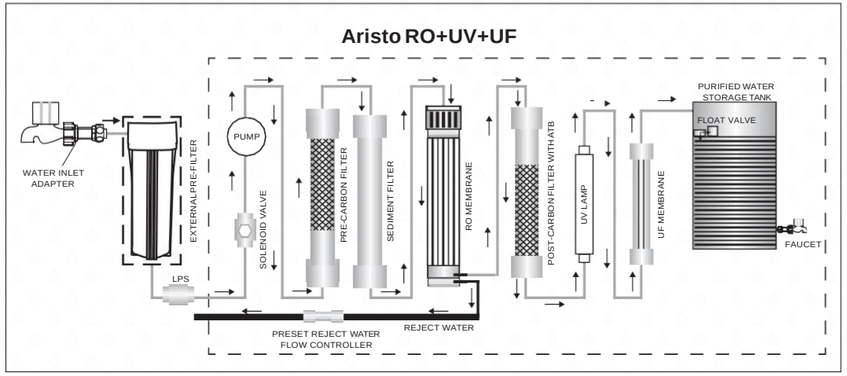
- **Stage 7: UF Membrane^**
  Ultra Filtration (UF) is a separation process that uses a semi-permeable membrane. UF membrane filters out physical impurities as well as harmful microbes like bacteria and cysts from drinking water.

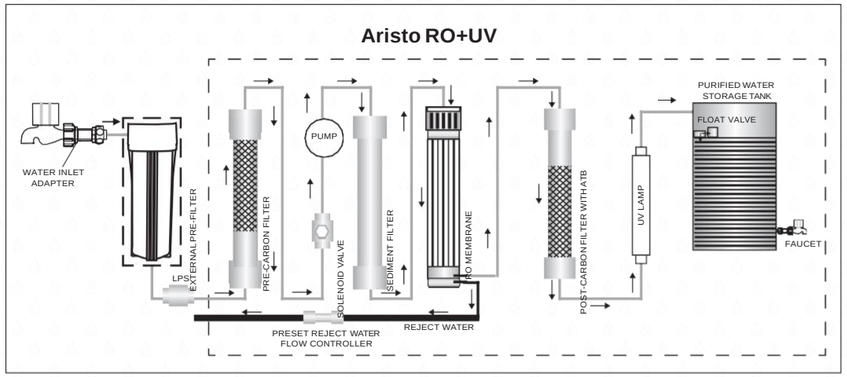
*Applicable in RO+UV variant only. #Applicable in RO+UF variant only. ^Applicable in RO+UV+UF variant only.

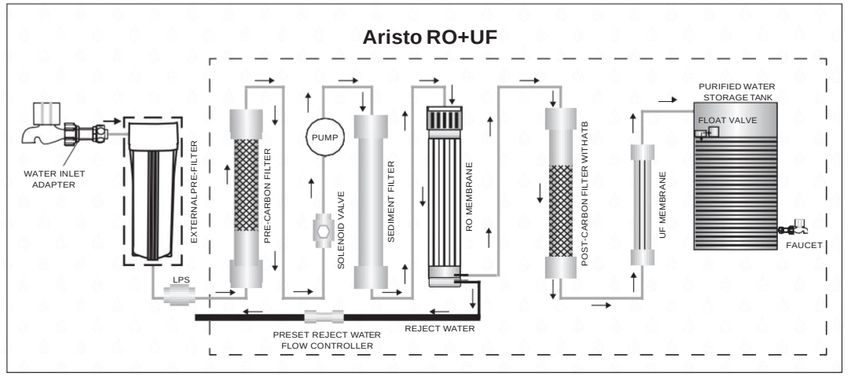
7. Specifications

Model name	Aristo	
Purification technology	RO+UV+UF / RO+UV	RO+UF
Power consumption	36W	30W
Net weight	8 kg	7.5 kg
Water output	Ambient	
Reservoir capacity	7 litres	
Product dimensions (mm)	342 (W) x 205 (D) x 450 (H)	
Rated voltage	AC 230V / 50Hz	
Power cord	1.5 metres	

8. Flow Diagram







9. Pack Contents

Name of Components	Quantity (pc/set)		
Model Name	Aristo RO+UV+UF	Aristo RO+UV	Aristo RO+UF
Purifier Unit	1	1	1
RO Membrane	1		
External Pre-Filter	1		
User Manual	1		
Installation Accessories	1		

10. Troubleshooting

Problems	Self-Check	Remedial Measures
Unusual taste of water.	Have you stored the water for too long?	Drain the stored water.
	Is it time to replace the filter?	Call Service for filter replacement.
The amount of filtered water has suddenly increased or decreased.	Does the temperature of the source water drop dramatically?	If the water temperature lowers, the amount of filtered water reduces. Thus, when the water temperature is within the specified range, the filtered water will be normal.
	Did you close the source water valve?	Open the source water valve.
	It looks that the filter is blocked or damaged.	Call Service for filter replacement.
Water isn't flowing out.	It looks that the tap is out of order.	Call Service.
	Have you missed the time of filter replacement?	Call Service for filter replacement.
	Is the source water supplied smoothly?	Check the source water valve.

11. Warranty

Thank you for buying a Blue Star Water Purifier.

It comes to you with a standard warranty of performance. Under this warranty, the purchaser is entitled to the following:

1. Repair/replacement of any part of the Water Purifier found defective with in period of 12 months from the date of purchase ("WarrantyPeriod") with a functionally effective part, against original invoice and Warranty Card of the product, subject to fulfillment of Warranty Obligations by the Customer specified hereunder, and if proved upon inspection by Blue Star Limited or any of its authorised service dealers or service associates, to have been defective due to faulty material or workmanship.

2. Consumable items like Pre-Filter, Carbon Filter, Sediment Filter, RO/UF Membrane, UV Lamp are amongst others that are subject to normal wear and tear are not covered by this Warranty. Further, the plastic body is not covered under Warranty and hence, it must be handled carefully to avoid breakage.

3. This Warranty is void if the unit is not operated under normal municipal water or well water conditions of TDS less than 2000 ppm and iron less than 0.3 ppm.

4. The purchaser should preserve the original invoice and Warranty Card for necessary verification and produce it at the time of availing warranty services. Please ensure registration of your product warranty to ensure prompt service assistance.

5. The Water Purifier is designed to operate at a voltage supply of 230V / 50Hz with a tolerable variation of plus or minus 10%. Any failure due to operation of the machine beyond these limits will not be covered under warranty. If the voltage prevailing is beyond these limits, the purchaser is advised to install a good quality voltage stabiliser.

6. Blue Star Limited shall not be liable or be deemed to be in default for any delay or failure in performance resulting directly or indirectly from causes beyond its reasonable control including delay in repairing due to labour problem, restrictions,and regulations of the government, public movement, war or any other unavoidable circumstances.

7. Any changes in the location of the unit or ownership thereof must be intimated in writing to Blue Star Limited 10 days in advance and only authorised dealer/service associate shall remove and install the units on chargeable basis.

8. In the models offering cold water, in case the compressor is to be replaced under warranty, Blue Star Limited undertakes the responsibility of supplying the replacement compressor free of cost during the standard Warranty Period.

9. Blue Star Limited or any of its authorised dealers/service franchisees cannot be held liable for any sickness or illness due to the consumption of drinking water from any water purifier supplied by the Company if maintenance and usage of the water purifier is not as per prescribed standards.

10. The Company reserves the right to change or improve design and specifications at any time, without any contingent obligations to prospective buyers or owners of the products previously sold.

11. Under no circumstances, the liability of the Company or its authorised dealer/service franchisee shall exceed the value of the product.

12. The customer will notify the Company properly about any defects noticed and give the Company or its authorised dealer sufficient opportunity to inspect, test and remedy them, for which the customer will deposit the goods, if necessary, with the company's office/ service centre along with the original invoice, in the city where they are sold.

13. Inspection and test report of the Company's office/service centre will be treated as final and binding under the warranty for determining defects, repairs/alterations required or carried out, or certifying working of the goods thereafter.

14. The Company or its authorised dealer will be entitled to retain any defective parts replaced under the warranty.

The warranty will be come null and void if:

1. The product is not operated according to instructions given in this user's manual.
2. The product is not used for residential purpose.
3. The product is subject to conditions beyond input water temperature range of 5°C to 40°C and input water pressure range of 4 to 30psi.
4. Installation/reinstallation/service/repairs of product is done by any person other than Blue Star Limited's authorised dealer/service associate.
5. Damage is caused to the product due to an abnormally corrosive alkaline/acidic atmosphere.
6. In models offering cold water, any loss of refrigerant occurs due to accident, fire, flood, earthquake, sabotage or improper handling.
7. The original serial number of the product or any part thereof is removed, obliterated or altered.
8. Defects are caused because off actors beyond control of Blue Star Limited, like lightning, abnormal voltage, Acts of God, environmental conditions, negligence of the purchaser in using product.
9. In the models offering cold water, the failure of the compressor is due to lack of proper maintenance of the product or if the product is repaired or attended by an unauthorised person. The Company's decision in this regard will be final and binding on the purchaser.
10. The failure of the compressor or any other part of the Water Purifier is due to usage of inferior or faulty voltage stabiliser.

Note:

1. None of the employees and/or authorised dealers and/or service associates of the Company have any authority whatsoever to change the terms and conditions of this warranty.
2. This warranty should be deemed to have been issued at Mumbai, State of Maharashtra and courts at Mumbai shall have exclusive jurisdiction on matters covered by or following from this warranty and the original purchaser alone shall have cause of action arising out of the transaction.
3. Blue Star Limited strongly recommends that customers avail of Blue Star's Annual Maintenance Contract for the customer to get timely service and maintenance, ensuring continued optimum performance of the product. Please call our Call Centre (Toll-free 1800 209 1177) for more details.

24x7 Customer Care

Toll-free number: 1800 209 1177

Email: waterpurifiers@bluestarindia.com

Customer Copy

Warranty Certificate

Aristo Water Purifier

BLUE STAR

Customer's Name :.....

Address :.....

.....

City ..... State .....Pin.....

Phone / Mobile No.: (O)..... (R)..... Bill No.....

Date : .....Model No. ..... Serial No.....

Dealer's Name & Address

Dealer's Signature & Stamp

Cut and mail to Blue Star Ltd to the address on reverse.

Warranty Certificate

Aristo Water Purifier

BLUE STAR

Customer's Name :.....

Address :.....

.....

City ..... State .....Pin.....

Phone / Mobile No.: (O)..... (R)..... Bill No.....

Date : .....Model No. ..... Serial No.....

Dealer's Name & Address

Dealer's Signature & Stamp

Please
Affix
Postage
Stamp

Blue Star Limited,
CBO - Water Purifiers
II Pokharan Road,
Majiwada,
Thane - 400601

Protect the Environment from E-Waste

This product at its end of usable life should not be mixed with household domestic waste or any general waste. It must be stored separately and disposed of through an authorised recycler of electrical and electronic appliance waste since it is categorised under Schedule I of E-Waste Management Rules promulgated by the Government of India.

As guided by these rules, this product needs to be disposed of after its useful life in a scientific and prescribed manner. As a responsible citizen of India, we request your cooperation in helping conserve the environment for future generations.

DOs and DON'Ts

DOs:

- Run and maintain machine as per instructions given in the User Manual.
- Engage only an authorised person to attend to repairs of your machine.
- Call on the toll-free number for assistance to dispose of your machine if required.
- Engage only an authorised person for DE-INSTALLATION.
- Consult our local authorised dealer or contact our toll-free number to know the lifespan of your product.

DON'Ts:

- Do not try to repair/dismantle your machine by yourself.
- Do not engage any unauthorised person to repair/dismantle your machine or any of its parts.
- Do not sell or dispose of your machine or its parts to a local scrap dealer.
- Do not dispose of E-Waste in landfills or leave it outside unattended.
- Do not put the product to any other use post its end-of-life.