

Aquaguard[®]

— WITH —

ACTIVE
COPPER  **ZINC**^{TM*#}
BOOSTER



UTC UV BOOSTER

USER MANUAL

PREREQUISITES FOR INSTALLATION OF AQUAGUARD® UTC

Preparation:

Before you install, check the following list of components to ensure that all parts are packed with your Aquaguard® UTC unit:

- 1) Water Purification System
- 2) Faucet and Faucet Mounting Bracket
- 3) Installation Kit

Installation Instructions:

- Install your Aquaguard® UTC in a dry, ventilated place, keeping it away from direct sunlight, heating devices or areas below freezing temperature.
- Connect it only to normal tap water. Avoid installation to a hot water tap as it can damage the filters. Ensure that feed water temperature is in a range of 5°C - 38°C & Ambient condition temperature is in a range of 4°C - 40°C . The input water pressure to your water purifier should be within the recommended range (refer variant specific technical specifications table). If the input water pressure is more than specified, installation of a PRV (Pressure Regulating Valve)** is mandatory. If the input water pressure is less than specified, installation of an external booster pump** is recommended.
- Make sure the purifier is installed within a distance of 1.0 m from the tap water supply. Do not install the purifier at a place where water or rain could leak into the unit (outdoors, etc.).

After this:

- Determine the location for the faucet. Check to see that drilling of the faucet hole will not damage pipes or wires running underneath the sink.
- You can also use the faucet mounting bracket to mount the faucet on the wall.
- Do not place the unit where it will be exposed to freezing conditions and/or direct sunlight.

Input water quality usage limitations:

1. If the input water iron content is more than that prescribed in the technical specifications, use of an iron remover** is recommended as a pre-treatment.
2. If the input water turbidity is more than that prescribed in the technical specifications or comprises colloidal particles, use of a special filter** is required as a pre-filter.
3. If the input water TDS is more than 1,000 ppm (mg/L) or input water hardness is more than 300 ppm (mg/L), use of a Membrane life enhancer** is recommended (applicable only for RO variants).
4. Do not install the water purifier if the TDS is more than that prescribed in the technical specifications.

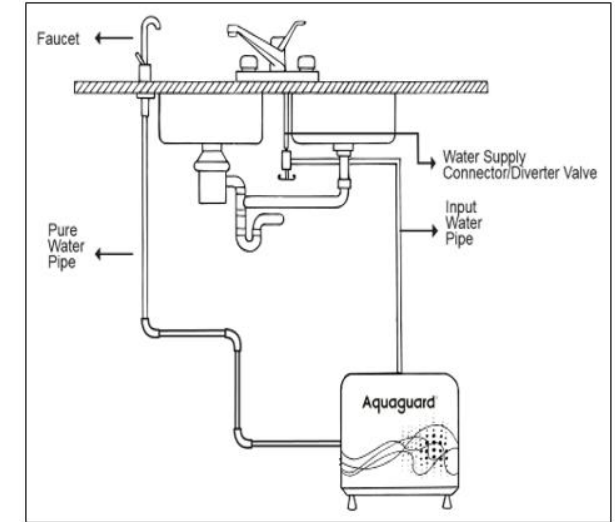
**Available at an extra cost.

INSTALLATION OF WATER SUPPLY CONNECTOR

Make sure that you hook up to the normal water tap. Determine the location for the installation of your Aquaguard® UTC. Ensure that a 230 V 50 Hz power is available nearby. Avoid locations where the system might come in contact with hot water pipes or direct sunlight.

Mounting the Water Faucet

Your Aquaguard® UTC unit comes complete with a long reach faucet. The product water faucet may be installed on any flat surface, max. 1.5 inches in thickness. Check the inside of the location for interference.



The Aquaguard® UTC UV REACTOR
Booster unit - Connection

HOW TO OPERATE YOUR AQUAGUARD® UTC

- Once the installation is completed by the authorized person from Eureka Forbes Limited, the product can be put to regular use.
- Ensure that an uninterrupted water and power supply to the product is available.
- Switch on the unit.
- The Aquaguard® UTC will start the purification process. To know the product status, monitor the indications provided on the product and refer to the LED display chart.
- To collect the purified water, turn the faucet lever to the open position.

THE PROCESS OF PURIFICATION (For UV Booster Variant)

Stage	Treatment	Materials	Benefits
1	i-Filter™	Multi-layered Polypropylene Roving Wound Cartridge	Removes fine suspended particles such as dust, dirt mud and sand from water.
2	Chemi-Block™	Dust-free Bacteriostatic Activated Carbon Block	Reduces excess chlorine and organic impurities. Also adsorbs bad taste and odour from the water.
3	UV Reactor	Germicidal UV Reactor	UV safeguards the water by eliminating any possible bacteria & viruses thereby ensuring your purified water is always safe.
4	Active Copper™ with Zinc Booster Cartridge*	A patented bacteriostatic taste enhancer with double goodness of Active Copper™ and Zinc Technology	<p>Copper and Zinc are known to have antimicrobial, antioxidant, and anti-inflammatory properties that help to support healthy metabolism. It also helps to provide the body with energy and is much needed for growth and development. The activated carbon removes organic components and polishes the water, giving it a sparkling look, making it pure and great to taste.</p> <p>*Copper and Zinc Infusion in adherence to IS 10500:2012 Drinking water specification (Acceptable limit)</p>

TECHNICAL SPECIFICATIONS*

#	Parameter	Specification
1	Model	AG UTC UV BOOSTER
PRODUCT SPECIFICATION		
1	Dimension (W X D X H)	280 mm X 195 mm X 290 mm
2	Net Weight	3.6 kg (Approx.)
3	Purification Technology	UV LED
4	Tank Capacity	Inline
5	Standard Purification supplied	i-Filter™, Chemi block™, UV Reactor, Active Copper™ with Zinc Booster Cartridge.
ELECTRICAL SPECIFICATIONS		
1	Power Rating	45 Watts
2	Power Supply	Input 230V AC, 50Hz
3	Operating Voltage Range	150 VAC to 280 VAC, 50 Hz
4	UV LED Life	5,000 burning hours (as per UV LED manufacturer spec.)
RECOMMENDED INPUT WATER PARAMETERS		
1	Input Water Pressure Range**	Up to 2.0 kg/cm ²
2	Iron Content (Max.)	0.1 mg/L
3	Chlorine Content (Max.)	0.2 mg/L
4	Input Water Turbidity (Max.)	5 NTU
5	Total Dissolved Solids (TDS) (max.)	Up to 200 mg/L
6	Total Hardness (max.)	200 mg/L

*Technical Specifications are subject to change without prior notice.

Note: The performance data presented in the table is applicable under standard laboratory conditions#. Actual performance may vary depending on the input water quality, water pressure and condition of filters.

** If the pressure is higher than the maximum specified, use of a pressure reducing valve is mandatory. If the pressure is lower than the minimum specified, use of a Booster pump is recommended.

The above accessories are available with our company at an additional cost.

The purification cartridges are designed to provide safe water for a period of 1 year or 6000 litres# from the date of installation whichever is earlier. Post the safe life, for your complete protection, the machine gives you an advance alert after which it shuts down the purification process and water dispensing.

Performance data sheets are available with Eureka Forbes Technical Documentation Centre.

Warranty void if the product is not installed as per recommendations.

#Standard Test Conditions:

Feed Water Quality: TDS Max: 200 mg/litres with NaCl Pressure: 1.0 kg/cm², Turbidity: Max.1 NTU, Temperature: 25°C, Chlorine: below 0.2 mg/litres, Iron: below 0.1 mg/litres. Depending on the input water quality (variations in the standard test conditions) the filter might need a replacement even before the purifier gives you an alert.

#Actual performance may vary based on the input water conditions - TDS, Hardness, Pressure, Temperature & pH. Standard test Condition are valid for online water supply installation.

FUNCTION OF INDICATORS – LED DISPLAY

CONDITION	LED INDICATION
Power ON time	LED will glow as Red, Blue and Green one after other for 1 sec then Green LED will be solid for 5 seconds
Faucet ON	Blue Blinking @ the rate of 0.5 seconds
Faucet OFF	Blue solid
SV/Pump Fault	Red Blinking @ the rate of 0.5 seconds
UV LED open or short	Red solid
LPS (No input water)	Purple solid
EA Fault	Red Blinking @ the rate of 0.25 seconds
Auto Safe not Connected	Red blinking twice in interval of 1 second
Auto Safe PCB faulty	Green and blue blink alternately @ the rate of 0.5 seconds
Filter life: first warning	Blinks in white color for 5 times with an interval of 5 seconds gap.
Filter Life: second warning	Blinks in white color for 5 times with an interval of 2 seconds gap.
End of life	Blinks in white color for 5 times with an interval of 0.5 seconds.
Filter tampered error	Red and green LED will blink alternately @ the rate of 0.5 seconds

65 MM

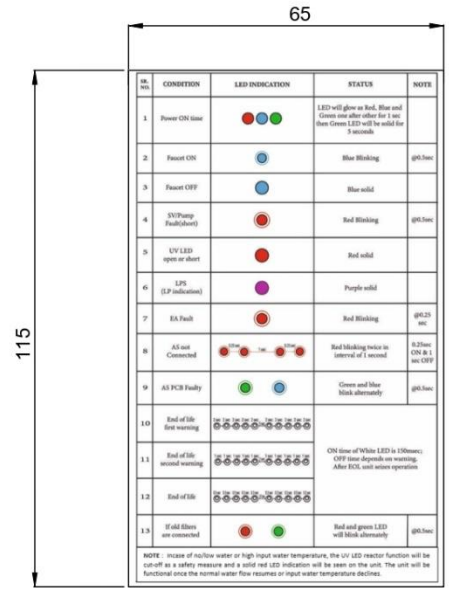
115 MM

no. line	CONDITION	LED INDICATION	STATUS	NOTE
1	Power ON time		LED will glow as Red, Blue and Green one after other for 3 sec. then Green LED will be solid for 3 seconds.	
2	Faucet ON		Blue Blinking	g0.5sec
3	Faucet OFF		Blue solid	
4	UV Pump Fault(short)		Red Blinking	g0.5sec
5	UV LED open or short		Red solid	
6	UPS (LP indication)		Purple solid	
7	UV Flash		Red Blinking	g0.25 sec
8	AS not Connected		Red blinking twice in interval of 1 second	0.25sec ON & 0.25 sec OFF
9	AS PCB Faulty		Green and blue blink alternately	g0.5sec
10	End of life first warning		ON time of White LED is 10seconds. OFF time depends on warning. After 10% will return operation.	
11	End of life second warning			
12	End of life			
13	If old filters are connected		Red and green LED will blink alternately	g0.5sec

NOTE : In case of no flow water or high input water temperature, the UV LED reactor function will be cut off as a safety measure and a solid red LED indication will be seen on the unit. The unit will be functional once the normal water flow resumes or input water temperature declines.

This drawing and any information of descriptive matter set out here on is the confidential property of EUREKA FORBES LIMITED and must not be disclosed, loaned, copied, or used for manufacturing, tendering or for any other purpose without their written permission.

IF IN DOUBT, PLEASE ASK

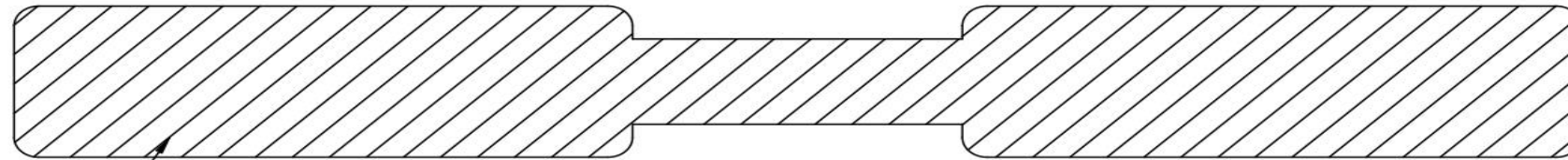
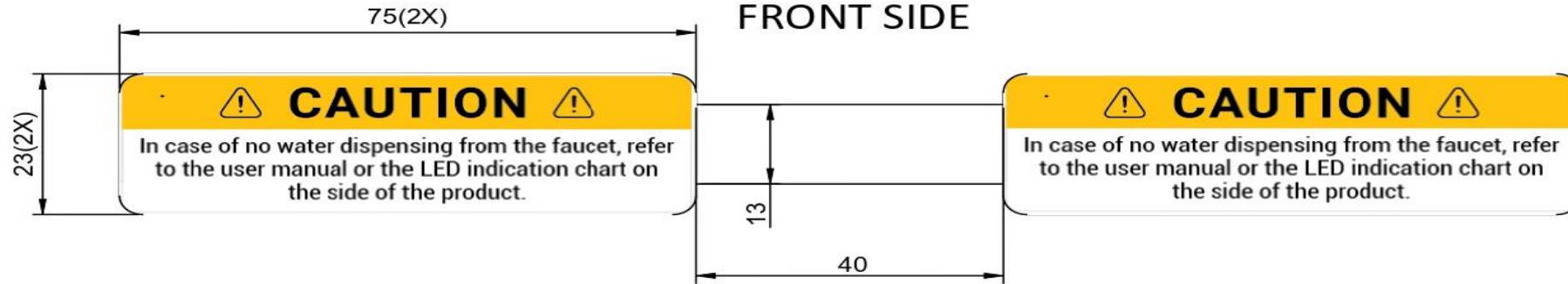


NOTE :

1. MATERIAL : VINYL
2. THICKNESS : 0.1+0.05
3. ADHESIVE SHOULD HAVE GOOD ADHERENCE TO ALL PLASTICS
4. REFER ART WORK FOR ALL PURPOSES
5. SAMPLE TO BE APPD BEFORE BULK SUPPLY

01	ADDED NEW NOTE IN THE BOTTOM OF THE STICKER	10-02-23	SASI
R. NO	MODIFICATION	DATE	SIGN

ALL DIMENSION ARE IN MM	REF. NO	FINISH	DRN	CS
UNLESS OTHERWISE SPECIFIED DIM. WITH OUT DECIMAL (EX 25) ±0.2 DIM. WITH ONE DECIMAL (EX 25.0) ±0.1 DIM. WITH TWO DECIMAL (EX 25.00) ±0.05 DRAFT ANGLE = 1° * SCALE 1:1 IN SOFT COPY ONLY	MATERIAL	COLOUR	CHD	A.N
	HEAT TREATMENT	SURFACE TREATMENT	APPD	SK
PROJECTION			SCALE 1:1 * NTS	REV. NO R 1
	DESCRIPTION LED INDICATION STICKER AG UTC LED REC	PART NO GWPBUTCLD00021		



GUMMING AREA

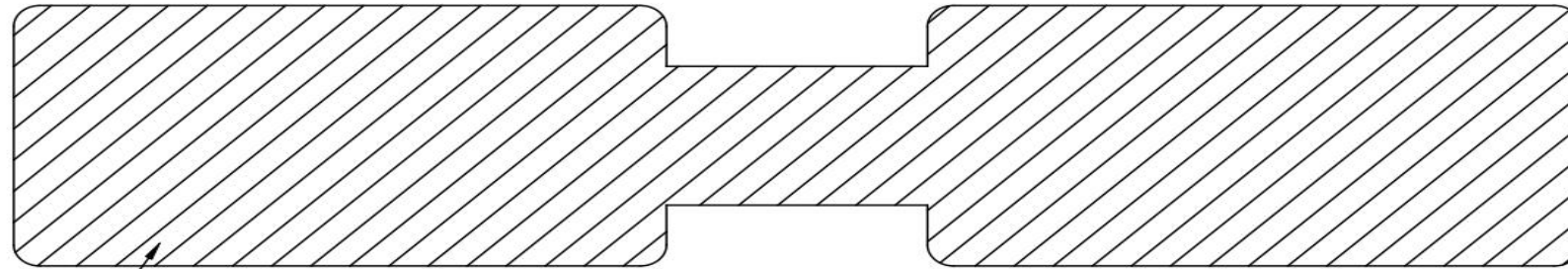
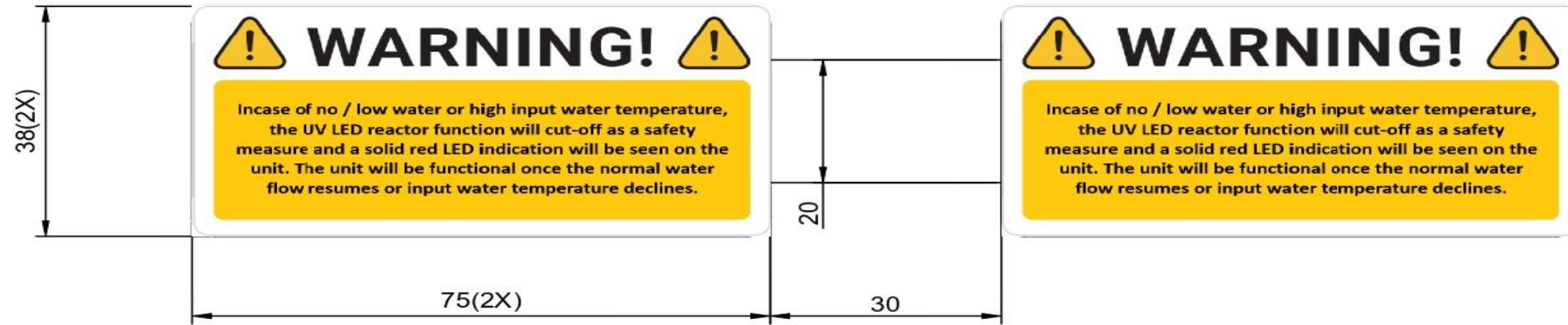
BACK SIDE

NOTE :-

1. MATERIAL : VINYL LAMINATED (WATER PROOF)
2. THICKNESS : 0.1 MM
3. FINISH : GLOSSY
4. COLOUR : REFER ARTWORK
5. ADHESIVE SHOULD HAVE GOOD ADHERENCE
6. PRINTING SHOULD BE SAME AS THE ARTWORK SHARED
7. SAMPLES TO BE APPROVED BEFORE BULK SUPPLY

ALL DIMENSION ARE IN MM UNLESS OTHERWISE SPECIFIED DIM. WITH OUT DECIMAL (EX.25) ± 0.2 DIM. WITH ONE DECIMAL (EX.25.0) ± 0.1 DIM. WITH TWO DECIMAL (EX.25.00) ± 0.05	REF. NO	FINISH	DRN	CS
	MATERIAL	COLOUR	CHD	SV
	HEAT TREATMENT	SURFACE TREATMENT	APPD	SK
			SCALE	REV. NO
1:1 *			RO	
* SCALE 1:1 IN SOFT COPY ONLY	DESCRIPTION	PART NO		
PROJECTION 	CAUTION STICKER FAUCET-AG UTC UV BOOSTER	GWPBAGUTC00020		

FRONT SIDE



GUMMING AREA

BACK SIDE

NOTE :-

1. MATERIAL : VINYL LAMINATED (WATER PROOF)
2. THICKNESS : 0.1 MM
3. FINISH : GLOSSY
4. COLOUR : REFER ARTWORK
5. ADHESIVE SHOULD HAVE GOOD ADHERENCE
6. PRINTING SHOULD BE SAME AS THE ARTWORK SHARED
7. SAMPLES TO BE APPROVED BEFORE BULK SUPPLY

R1	CONTENT IN THE STICKER HAS BEEN CHANGED			SASI	24-02-2023
R.NO	MODIFICATION			SIGN	DATE
REF. NO		FINISH		DRN	CS
MATERIAL		COLOUR		CHD	SV
HEAT TREATMENT		SURFACE TREATMENT		APPD	SK
				SCALE	REV. NO
				1:1 *	R1
* SCALE 1:1 IN SOFT COPY ONLY				PART NO	
PROJECTION		DESCRIPTION		GWPBAGUTC00021	
		WARNING STICKER P/C- AG UTC UV BOOSTER			

MAINTAINING YOUR AQUAGUARD® UTC

- a. It is advisable to read the User Manual thoroughly, to understand the purifier's functions before usage.
- b. Installation and service has to be conducted by authorized personnel from Eureka Forbes Limited only.
- c. Install the purifier at a location that is properly ventilated, dry and away from heat and humidity.
- d. Connect the purifier to a 230 VAC power socket that is duly earthed.
- e. Discard about 10 liters of water after the installation or after replacing the filter cartridges.
- f. Do not remove or insert the plug with wet hands.
- g. Ensure that the filter cartridges and spares used during service/replacement are genuine and from Eureka Forbes only.
- h. Always switch off and disconnect the power plug before maintenance or cleaning.
- i. In case of any damage or incorrect functioning, immediately contact an authorized service centre of Eureka Forbes Limited. Do not try to carry out repairs on you own.
- j. The product is not to be used by children and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge.
- k. Children should not play with the purifier.
- l. Simple maintenance and hygiene will help your Aquaguard® UTC function better.

WARRANTY TERMS & CONDITIONS*

1. The Products are warranted against manufacturing defects for a period of twelve (12) months from the date of original purchase.
2. The Customer will notify the Company in writing promptly of any defects noticed and give the Company or its authorized agent adequate opportunity to inspect test and remedy them for which the Customer will deposit the goods at its own expense, if so, required by the Company with the Company's Office/Service Centre along with the original invoice in the city where they are sold.
3. The Inspection and Test Report of the company's office/service centre will be final and binding under the warranty for determining defects, repairs / alterations required or carried out or certifying work of the goods thereafter.
4. Aquaguard® may require initial setting, post-installation, depending on varying water conditions and power supply. In case of any service requirement, post-installation, please contact the company's service centre.
5. The company or its authorized agent will be entitled to retain any defective part replaced under the warranty.
6. Notwithstanding anything to the contrary contained or implied by this warranty:
 - a) The company's liability under this warranty shall be limited to the first sale of the goods by the company to the customer and will not apply or extend to any secondary sale of goods by the customer.
 - b) The company's liability under this warranty shall be limited only to defects in the goods which occur under the conditions of normal operation of the goods and their proper and prescribed use. The warranty does not cover or extend to defects which are determined by the company or its authorized agents as occurring or resulting from or attributable to negligence, abuse, misuse, faulty care, operation or maintenance or repairs, alterations to the goods or any part thereof by others or the use of the goods on electrical supply for which they are not designed, or damage caused by lightening or other electrical disturbances or interruptions, dismantling or re-installation at a different location.
 - c) The company's liability under this warranty shall remain valid only if the goods are duly installed by the company or its authorized agency at the location specified in the invoice and such installation is undertaken by the company or its authorized agent or franchisee.
 - d) Consumable items are subject to normal wear and tear are not covered by this warranty. Please refer model specific components given in the user manual.
 - e) Reverse Osmosis Membrane warranty is for a period of 1 year (or) 6,000 litres (whichever is earlier) from the date of installation, on the condition that the input water is as per the standard test conditions for RO variants (provided in the section "Technical specifications table"), mentioned in the user manual. If the RO membrane gets clogged within warranty period, it will be cleaned/repaired/replaced free of charge as deemed fit by the company authorized service person/centre after inspection. (At applicable for RO models only.)
 - f) The customer will have no claim against the company, its employees and its authorized agents or franchisees under or pursuant to this warranty in respect of death or injury to the customer or any other person or loss or damage to any property caused by or due to equipment failure, breakdown or accident, fire or operation or utilization of the goods otherwise than in accordance with the user manual or by due to any other cause or circumstances beyond the control of the company.

WARRANTY TERMS & CONDITIONS*

g) The company's liability, under this warranty, shall in no event and under no circumstances exceed the price paid by the customer to the company for the goods stated in the invoice.

General

For the purpose of this warranty, the following expressions shall have the following meanings respectively:

1. The 'Goods' shall mean the goods described in the Order Form.
2. The 'Customer' shall mean the original purchaser of goods from the company.
3. The 'Company' shall mean EUREKA FORBES LIMITED.
4. Aquaguard means and includes Aquaguard® , Aquaguard® Select and Sure from Aquaguard®.
5. 'General Terms & Conditions' shall mean the terms and conditions agreed upon by the customer and the company printed on the Order Form.
6. 'Invoice' shall mean the invoice issued by the company to the customer describing the goods and indicating, inter alia, the total purchase price thereof and name of the customer.
7. 'User Manual shall mean the instructions for Installation, use and maintenance provided through QR code along with Product supplied by the company.
8. EFL reserves the right, in its absolute discretion, to change, alter or discontinue and alter the terms and conditions from time to time without any prior notice.
9. Any disputes are subject to Mumbai Jurisdiction only.

Post-warranty

1. The customer may be offered a yearly Service Contract at the prevailing company rates and terms.
2. In case the customer does not wish to enter the Service Contract, he has the option of calling the company's service centre having his Aquaguard® services on an actual basis, i.e., by paying the labour cost and spares needed to attend to that service/complaint call at the prevailing company rates. Such service will be rendered by the company in towns/places where the company has its service centres.
3. If during such servicing it is necessary for the company to replace or repair defective components or parts, the customer shall be required to pay for the same as per the company's prevailing price list.
4. Eureka Forbes limited reserves the right to offer annual maintenance contract/ensure availability of spares only up to 7 years from the date of invoice.

*Conditions apply.

ENVIRONMENT PROTECTION:

"Protection" has always been our motto and guiding principle. We care for the environment. We urge you to recycle the packaging material or take it to the nearest recycling facility rather than dispose it off with the rest of your waste. Your product has been designed to work for many years, however, should you wish to upgrade or replace your old product, remember to help protect the environment by disposing it off at your local e-waste disposal center. Should you have any queries, the nearest authorized service center of Eureka Forbes will be able to guide you. Allow us to become your environment partner; together we can make the world a cleaner place.

HEALTH PROTECT™

For your safety the specially designed and electronically authenticated purification cartridges of Aquaguard® ensure our promise of 'pure & healthy water or no water' always. In the unlikely usage of a 'non-genuine' purification cartridge that could potentially deliver unsafe water - an indication light will draw your attention. For your complete protection, it even shuts down the purification process. The purification cartridges are designed to provide safe water for a period of 1 year or 6000 litres# from the date of installation whichever is earlier. Post the safe life, for your complete protection, the machine gives you an advance alert after which it shuts down the purification process and water dispensing.

#Standard Test Conditions. Depending on the input water quality (variations in the standard test conditions) the filter might need a replacement even before the purifier gives you an alert.



18602661177



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