

Aquaguard 200



The AG 200 & 600DF comes from the makers of Aquaguard, with international water purification technology, so you can be sure you are drinking safe water that conforms to WHO standards and you are protected from dangerous waterborne diseases.

The AG 200 & 600DF is designed to purify water no matter what the source of water supply. One look, at its advanced features and you know you can trust Aquaguard to protect you and your employees and ensure a safe and productive work place.

Aquaguard 600 DF



Aquaguard
Water Purification System



Features of AG 200 & 600 DF

As per WHO Standards

No matter what the size of your organisation and how large or small the drinking water requirements are, Eureka Forbes has advanced purification systems to suite your needs.



Retains Natural Quality Water:

In the process of purification, Aquaguard ensures that the wholesome natural salts and minerals in the water are retained without adding iodine or chemicals like other purifiers do. The ultraviolet technology used by Aquaguard is internationally proven as a method for eliminating all known waterborne disease-causing bacteria and viruses.



Unique Flow of Water: To ensure maximum contact time in the purification chamber, the water in the Aquaguard water purifiers flows against the force of gravity, unlike in ordinary water purifiers.



Built-in Safety Mechanism:

Its electronic monitoring system uses a photo resistor to monitor the purification process. It actually stops the flow of water instantly if purification is incomplete. This is a special feature, which no other purifier offers.



High Volume. Low Cost: Aquaguard 200 has purification capacity of 200 litres per hour, which means you get 375 glasses at the cost of one rupee per litre.

Aquaguard 600DF has a purification capacity of 600 litres per hour, which means you get 50 glasses per minute at the cost of just 1 paise per litre. A pump is housed in the body to ensure a continuous flow of 600LPH with an inlet water pressure of 0.2 Kg/Sq.Cm



User Friendly Continuous Water Flow Dispensing: The water flow switch of Aquaguard 200 is equipped with programmable water dispensing and continuous water flow dispensing. This feature allows the user to decide and program the water dispensing based on the requirement and continuous water flow dispensing too. The Aquaguard

600 DF is designed to dispense continuous purified water as per the requirement of the user with surprising ease at the flick of a switch. A choice of 2, 8 and 10 litres flow combinations are available which makes it real user friendly purifier saving power and facilitating low running costs.



Ultra Compact Design: The new Aquaguard 200 & Aquaguard 600 DF is made compact, without compromising the stringent and high quality standards conforming to IS14724. The new carbon, sediment block filter enhances the life and the new 16 watts UV lamp in AG 200 and 30 watts UV lamp in AG 600 DF deactivates the disease causing micro organisms very effectively by adequate exposure of the water being treated to the high powered ultra violet rays and delivers only clean and safe drinking water. They are housed within the envelope of the body thereby conserving space



Effective 3-stage Purification Process:

The micro porous, heavy-duty sediment filter candle made from polypropylene and silver impregnated activated carbon removes physical impurities present in water like dust, dirt etc., The specially treated activated carbon removes chlorine & it's by products and all organic impurities, thus reducing unpleasant odours, tastes and colours. Finally, the ultraviolet treatment effectively inactivates all known diseases-causing bacteria and viruses.



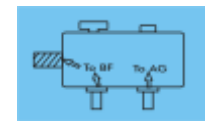
Water Control Sensor: This optional accessory is useful if your purifier needs to be connected to a cooler. This ensures that the purifier switches ON automatically when the water level is

low in cooler storage tank and switches OFF again when the water level is full. This saves power, reduces maintenance cost and eliminates the need for physical monitoring of purifier as well as ensures that the water storage tank of your cooler is always full.



Efficient After-sales Service at Your Doorstep:

Aquaguard is a Eureka Forbes product, so can be assured of prompt after sales service, backed by an expert service team.



Universal Diverter Valve (Patent No.200447):

The sediment filter back flushing is made very simple and easy by pull and turn (90 degree) the back flush knob on the

universal diverter valve. During this mode, the water flow gets reversed and the sediments settled on the filter dislocates and flushes out through the water tap fixed (to be kept in open position) on the diverter valve. After the back flushing, simply turn (90 degree) the back flush knob again for normal operation.

EUREKA FORBES
Your friend for life

FOR ENQUIRIES, PLEASE CONTACT:

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Mumbai – 400013. Tel No: 022-

30449700/30449888

Technical Specification

	AG 200	AG 600 DF
Dimensions (HxDxW) mm	355x102.5x307	1270x300x425
Net Weight	6.5Kg	33Kg
UV Lamp	16 Watt	30 Watt
Power Rating	35 Watt	230 Watt
Water Flow Rate	200 LPH (Max.)	600 LPH (Max.)
Water Inlet Pressure (Min.)	0.4 Kg/Sq. Cm	0.2 Kg/Sq. Cm
Water Inlet Pressure (Max.)	2.0 Kg/Sq. Cm	2.0 Kg/Sq. Cm
Fuse	2 Amps. Slow Blow	3 Amps. Slow Blow
Operating voltage	160V-270V AC, 50Hz	170V-260V AC, 50Hz

* Owing to continuous product development, the above specifications can be subjected to alterations without any prior notice.

FORBES PRO
WATER SOLUTIONS

TECHNICAL SPECIFICATIONS	
Dimensions (HxDxW)	: 700x430x460 mm
Rated Voltage	: 230 Volts, 50Hz, A.C.
Working Voltage Range	: 180-260 Volts
Power Rating	: 550 Watts ± 10%
Current Rating	: 3 Amps Max
UV Lamp Wattage	: 8 Watts
Rated Compressor Capacity	: 910 Kcal/hr ± 5%
Water Cooling Capacity	: 40 LPH
Water Row Rate	: 0.666 LPM
Water Pressure	: Minimum 0.4 kg/cm ²
	: Maximum 2.0 kg/cm ²
Weight	: 40 kg approx.
Max. Temp. Drop Under std. Test Conditions	: 16.5 deg C
Initial Lead Time for Cold Water	: 5 minutes
Refrigerant	: R-134a

Owing to continuous product development the above specifications can be subjected to alterations without any prior notice.

Creating Safe & Productive Workplaces



Pure Water



Healthy employees

Forbes Pro Water Solutions Part of Eureka Forbes, helps organisations and industries improve their productivity through state-of-the-art water purification systems and prompt after sales service and hygiene audits.

Marketers of India's largest selling water purifiers, our commitment to customers is backed by a nationwide sales and service network. Our in-depth knowledge, technical expertise and state-of-the-art R&D facilities enable us to offer you cutting edge POE and POU water purification systems/water treatment plants and Waste Water Treatment Plants.

Among our Water Purification Systems are institutional UV based Aquaguards, cooler/storage cooler-cum-purifiers, multistage purifiers, reverse osmosis plants and compact sewage treatment plants.

Whatever business you are in, we have a range of solutions and services for a healthier, more hygienic, safe and more productive work environment.

Our Channel Partner:

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Your friend for life

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A Few of our valued customers

Birla Sun Life,	AAI	LNJP Hospital	BPCL
Religare	BHEL	AIIMS	HPCL
ICICI Prudential	BEML		
Bharti AXA	REC	Accenture	Bhilai Steel Plant
Future Generali	Benaras Hindu University	Wipro	FIAT
Border Security Force	NIT-Warangal,	TCS	Bajaj Auto
Indian Railways	IIM-B	Infosys	GMR

Aquaguard

Cooler cum Purifier



A wide range of Aquaguard products to suit the requirements of large and small establishments



Also available Commercial & Industrial RO Plants

Committed to improving the quality of life at the workplace

EUREKA FORBES
Your friend for life

Selected
BUSINESS
Superbrand
INDIA 2014
Industry Validated

Aquaguard

Cooler cum Purifier

Trust the leader...
... and enjoy Safe Drinking Water

FORBES PRO
WATER SOLUTIONS

Aquaguard

Cooler cum Purifier



Eureka Forbes, the marketers of Aquaguard brings you Aquaguard cooler cum purifier, the first of its kind in India. And it's just what you need. Today, in many workplaces, commercial establishments and restaurants, a water purifier is attached to a cooler, which means the water is first purified then cooled. But how often is the cooler storage tank cleaned? So the chances of re-contamination are high and the water you're drinking may not be free from disease-causing bacteria and viruses, that makes the use of the purifier before the cooling process completely futile. Aquaguard cooler cum purifier has the technology to ensure that your drinking water is not just cool but also safe.

What gives "Aquaguard Cooler cum Purifier" the technological edge over other water coolers

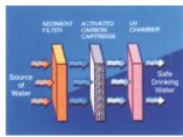


Naturally wholesome water:

It retains all the natural minerals and salts presents in the water and further, does not add any chemicals.

Advanced 3-stage purification process:

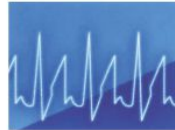
The micro porous, heavy-duty sediment filter candle made from polypropylene and silver impregnated activated carbon removes physical impurities present in water like dust, dirt etc., The specially treated activated carbon removes free chlorine and all organic impurities, thus reducing unpleasant odours, tastes and colours. Finally, the ultraviolet treatment effectively deactivates all known diseases-causing bacteria and viruses.



International technology: The ultraviolet technology used by Aquaguard is internationally proven as a method for eliminating all known waterborne disease-causing bacteria and viruses.

Money saving features:

1. Aquaguard is a 2-in-1 system that includes both a cooler and a purifier. So you don't have to attach a purification system essential in the case of conventional coolers and bear additional expenses, nor the inconvenience of maintaining them separately.
2. Aquaguard is designed to save power since its compressor comes on only when cold water is drawn, unlike water coolers that switch on even when there's no water consumption.



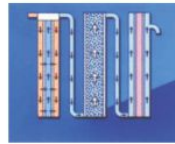
Wide Operating Voltage Range:

Aquaguard can take care of voltage fluctuations between 180 to 260 volts, 50Hz, AC. Besides, it comes with a wide working voltage range to ensure that both the cooling and the purification system work at optimum conditions.



Built-in safety mechanism:

It's called the Electronic Monitoring System. This in-built feature stops the flow of water if the purification is incomplete, ensuring nothing but safe drinking water, no matter what the source of drinking water is.



Unique flow of water:

To ensure maximum contact time in the purification chamber, the water in the Aquaguard water purifiers flows against the force of gravity, unlike in ordinary water purifiers.



Instant Cooling:

Conventional coolers have storage tanks that require a minimum start-up time of 60 minutes for sufficient cooling. However, Aquaguard needs a start-up time of only 5 minutes.



Last point Purification:

Aquaguard ensures that the water you drink is 100% safe, since the water is first cooled and then purified, leaving no chance of re-contamination.



Sleek design and corrosion resistant body:

The Aquaguard compact tabletop model is designed to occupy minimum space. And can easily fit into offices, shops, showrooms, hospitals, schools etc.



Choice of room temperature water:

Aquaguard gives you the option of chilled as well as room temperature water, all at the press of a switch. This unique feature is not available in any other machine.

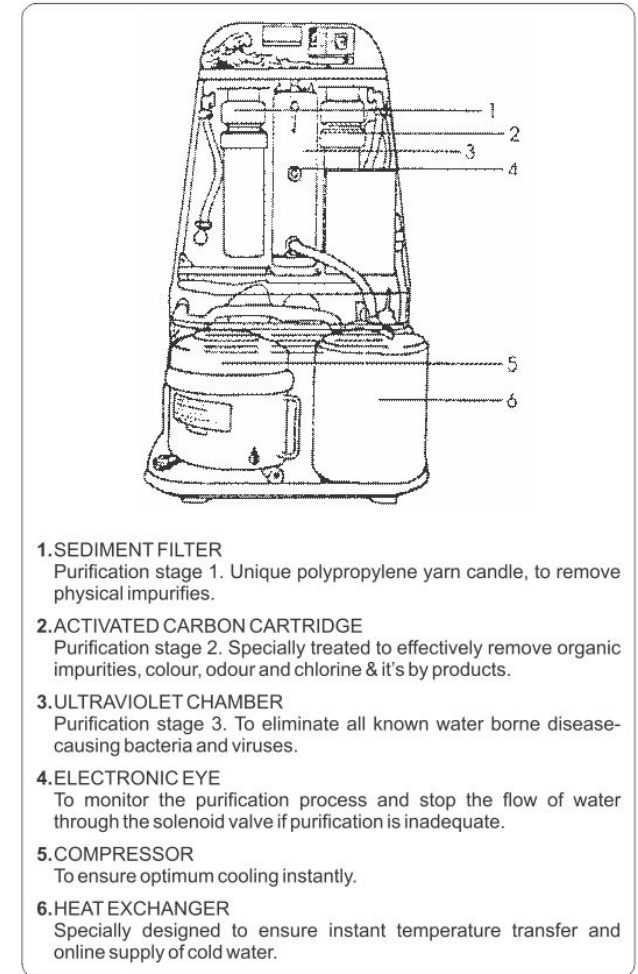


Efficient after-sales service at your doorstep:

Aquaguard is a Eureka Forbes product, so can be assured of prompt after sales service, backed by an expert service team.

Aquaguard international acclaimed product quality:

The Aquaguards' are manufactured adopting stringent quality standards, which is why Standards Australia has awarded it the ISO 9001 certification to Aquamall Water Solutions Ltd. deemed as the world's largest manufacturer of ultraviolet technology-based water purification systems.



Aquaguard
Pure Chill

Aquaguard
Pure Chill

Aquaguard Storage Cooler cum Purifier

Unique, not only chills but also purifies

Technical Specification

Description	Aquaguard Pure Chill 80 SS UV	Aquaguard Pure Chill 120 PSS UV
Dimensions (W X D X H)	640x450x1350 mm	750x570x1350 mm
Operating Power Supply	170-260V AC 1 Ph	170-260V AC 1 Ph
Running Current in Amps.(Max)	3.2 ± 10 %	4 ± 10 %
Power in Watts (Max)	625 ± 10 %	850 ± 10 %
Water Storage Tank Capacity	80 Litres	120 Litres
Compressor Make	Emerson KCE 444/ Equivalent	Emerson KCN 463/ Equivalent
Refrigerant	HFC R 134-a	HFC R 134-a
Thermal Insulation for Storage Tank	PUF	PUF
Total No. of Faucets	2	3
No. of Cold Water Faucets	1	2
No. of Normal Water Faucets	1	1
Recommended Water Flow Rate Through Faucets in LPM	1.5	1.5
No of Stages for Filter cum Purifier	3	3
No of Purifier Circuits	2	3
Purifier Fault Indication Buzzer	Yes	Yes
Visual Controls LEDs	Yes	Yes
Minimum Input Water Pressure in Kg/cm ²	0.4	0.4
Maximum Water Input Pressure in Kg/cm ²	2	2
Storage Tank Material	SS 304	SS 304
Body Material	SS 304	Front SS 304 and the rest in Pre-coated steel

Note: ♦ Specifications, features and colour are subject to change without prior notice, due to continuous product improvements.

- ♦ Need to maintain a minimum of 18 inches of gap on all the sides for better air circulation
- ♦ Suggest using appropriate capacity voltage stabilizer for better performance and compressor service life.
- ♦ Refrigeration capacity as per IS 1475: for Pure Chill 80 - 40LPH & for Pure Chill 120 - 60 LPH

A wide range of Auqaguard products to suit the requirements of large and small establishments



Also available Commercial & Industrial RO Plants

Creating Safe & Productive Workplaces



Pure Water

FORBES PRO
WATER SOLUTIONS



Healthy employees

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Aquaguard
Pure Chill



EUREKA FORBES
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Schneider
BUSINESS
Superbrand
India's Best
Industry Valuator

FORBES PRO
WATER SOLUTIONS

Creating safe and productive workplaces

Eureka Forbes Ltd. has more than 27 years of unmatched expertise in providing health and hygiene solutions to millions of homes and institutions in India and abroad. These health and hygiene solutions cover crucial aspects of our day-to-day lives like Water, Air Purification and Cleaning Solutions.

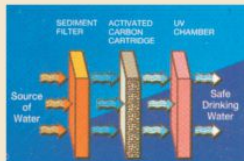
Forbes Pro Water Solution is Eureka Forbes initiative to provide customised state-of-the-art Water, Air Purification and Cleaning Solutions at workplaces to create a healthier, happier and more productive business environment for employees and customers. Our wide range of products and services is custom-built to cater to the health and hygiene requirements of a wide spectrum of institutions and industries.

In keeping with our commitment to bring you the latest in products and services to cater to your ever changing needs, we now bring you the new Aquaguard Storage Cooler cum Water Purifier, a product that gives you more features and benefits than anything else available. The dual advantage of storage and last point purification ensures that our customers get the ultimate in convenience and safe health.

New Aquaguard Storage Cooler cum Water Purifying Solution

The New Aquaguard Storage Cooler cum Water Purifier is a one-of-its-kind water cooling and storage solution, available in India for the first time. It deploys cutting-edge technology to ensure your drinking water is not only cool but also 100% safe. It is backed by decades of experience and the nationwide Eureka Forbes network, so you can be assured of the perfect water solution to help your workplace stay healthier, happier and more productive.

The Aquaguard Storage Cooler cum Water Purifier edge

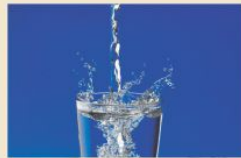


Advanced 3-stage purification process

The micro porous, heavy-duty sediment filter candle made from polypropylene and silver-impregnated activated carbon removes physical impurities present in water like dust, dirt, etc.

The specially treated activated carbon removes chlorine & it's by products and all organic impurities, thereby reducing unpleasant odours, tastes and colours.

Finally, the Ultraviolet treatment at the outlet effectively inactivates all known disease-causing bacteria and viruses.



Last point purification

To ensure you have 100% safe drinking water, the water is filtered, cooled and purified at the outlet using an advanced, internationally proven ultraviolet technology, leaving no chance for re-contamination.



Powerful cooling system

The powerful cooling system in the Aquaguard Storage Cooler cum Water Purifier, cools effectively and faster.



Choice of room temperature water

At the press of a button, Aquaguard Storage Cooler cum Water Purifier gives you the option of chilled water as well as room temperature water.



Built-in safety feature

With the in-built Electronic Monitoring System, the Aquaguard Storage Cooler cum Water Purifier stops the water flow if the purification is inadequate, ensuring that you get nothing but the safest drinking water.



Tough, hygienic and durable body

The Aquaguard Storage Cooler cum Water Purifier is unique in terms of it's construction. The entire body is corrosion resistant which prevents rusting and helps maintain hygiene standards.



Large cooling storage capacity

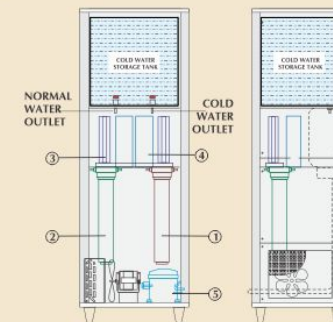
The unique design of the Aquaguard Storage Cooler cum Water Purifier enables it to store large quantity of water, which effectively takes care of your organisation's daily drinking water needs.



Efficient after-sales service

Aquaguard Storage Cooler cum Water Purifier is backed by the prompt and efficient after-sales support of the Eureka Forbes network, comprising over 100 exclusive service personnel across the country.

The Aquaguard Storage Cooler cum Water Purifier: A closer look.



- 1. Sediment Filter:** Purification Stage 1. Unique polypropylene yarn candle to remove physical impurities.
- 2. Activated Carbon Cartridge:** Purification Stage 2. Specially treated to effectively remove organic impurities, colour, odour and chlorine & it's by products.
- 3. Ultraviolet Disinfection Chamber:** Purification Stage 3. To disinfect known waterborne disease-causing bacteria and viruses.
- 4. Electronic Eye:** To monitor the purification process and stop the flow of water with the solenoid valve, if purification is inadequate.
- 5. Refrigeration System:** For faster and effective cooling.

Natural wholesome water

The Aquaguard Storage Cooler cum Water Purifier retains all the natural minerals and salts present in water, ensuring that you enjoy the natural, wholesome taste of water. And since no chemicals are added during the purification process, the water tastes as it should, naturally.

Internationally acclaimed product quality

Aquaguard's are manufactured to stringent international quality standard which is why standard Australia has awarded the ISO 9001 & 14001 certification to Aquamall Water Solutions Limited factory which is deemed as world's largest manufacturer of Ultraviolet Technology based water purification systems.



Aquaguard 200 comes to you from the makers of Aquaguard. Its advanced processes meet IS norms and protect you from water-borne diseases. The cutting-edge LCD screen promptly intimates you about the status of your water purifier. Designed for commercial use, Aquaguard 200 boosts the productivity of your employees by ensuring that every drop of water is the purest and the healthiest.

FEATURES:

Effective 3-stage Purification Process

Heavy duty sediment filter removes physical impurities like dust, dirt etc. Unique activated carbon removes chlorine, its by-products and all organic impurities - thus reducing odour, foul taste and colour. Ultraviolet treatment inactivates disease-causing bacteria and viruses.

LCD Indication and Touch Button Activation

Indicates the status of the purification and also displays an alert when the filter cartridge needs replacement.

Electronic Monitoring System

Electronic monitoring system uses a photo resistor to monitor the purification process. Unlike other purifiers, it instantly stops the flow of water if purification is incomplete.

Unique Flow of Water

Unlike other purifiers, water flows against the force of gravity to ensure maximum contact time in the purification chamber.

Water Control Sensor

If connected to a storage tank, this optional accessory automatically switches ON the purifier when the water level is low and switches it OFF when full - saving power, reducing maintenance cost and eliminating the need for physical monitoring. It also ensures that your storage tank is always full.

User-Friendly Continuous Water Flow Dispensing

The water flow switch allows you to decide and program the water dispensing based on your requirement and also facilitates continuous water flow dispensing.

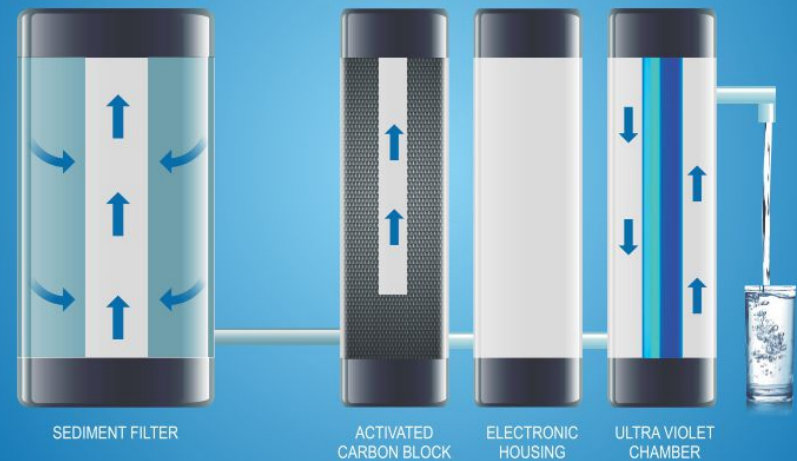
Ultra Compact Design

Aquaguard 200 is compact and complies with the stringent and high quality standards (IS 14724).

Efficient After-Sales Service at your Doorstep

With Aquaguard, you are assured of prompt after-sales service, backed by an expert service team.

AQUAGUARD-200 WATER PURIFIER
(WATER FLOW DIAGRAM)



Protect your employees and ensure a healthy workplace with Aquaguard 200!

Technical Specifications

Dimensions (W X D X H) in mm: 355 x 102.5 x 307

Net Weight: 6.5 Kg

UV Lamp: 16 Watt

Power Rating: 35 Watt

Water Flow Rate: 200 LPH (Max)

Water Inlet Pressure (Min): 0.4 Kg/Sq.Cm

Water Inlet Pressure (Max): 2.0 Kg/Sq.Cm

Fuse: 2 Amps. Slow Blow

Operating Voltage: 160V-270V AC, 50Hz

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EUREKA FORBES 
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BEST-IN-CLASS TECHNOLOGY FOR BEST-IN-CLASS PURIFICATION

AQUAGUARD 200 now with cutting-edge LCD indication



FORBES PRO
WATER SOLUTIONS 

Aquaguard Hot & Cold (RO + UV) Water Purifier

Drinking purified water is now an absolute necessity, with the kind and number of impurities polluting our water nowadays. Waterborne diseases transmitted mainly through drinking water, which is not purified as it may contain disease causing bacteria and viruses.

Now make sure your employees stay healthy and protected from waterborne diseases with AQUAGUARD HOT & COLD (RO + UV) WATER PURIFIER. With features like hot, cold and normal water, this purifier delivers superior quality and high volume water even at a low pressure.

Specifically designed for use where reverse osmosis filtration is preferred. Superior quality and safety are guaranteed in this clever, high performing machine.

Three steps to safe water

AQUAGUARD HOT & COLD (RO + UV) WATER PURIFIER has 3 core technologies which mean that what you get out of your machine is much better than what goes in:



1. RO Purification: Reverse Osmosis is a membrane based filtration technology which helps in reducing the TDS of the water. This stage also removes fluoride and other waterborne tastes and odours. It purifies the water and also helps in retaining the natural taste of water.



2. In-tank UV: The Ultra Violet lamp inside the tank purifies the water and wipe out harmful viruses and bacteria such as E. Coli, Salmonella and Hepatitis to guarantee a safe, clean drink.



3. BioCote®: The outer area of the product is protected with BioCote®. BioCote® is an anti-microbial that inhibits the growth of micro-organisms on the product. As another layer of defense, it keeps the dispensing area free of bacteria.



Performance Worthy of Praise

- Reverse Osmosis removes all contaminants, including fluoride.
- UV technology eliminates virus and bacteria.
- High water storage capacity for a constant supply of fresh water.
- Gravity-fed storage tank providing additional stored water, ideal for areas where they may be disruptions to the water supply.
- Drip tray drainage for convenience.



Technical Specifications

Water Options	Technical Features			
<ul style="list-style-type: none"> •    	Dimensions	380 (W) x 1140 (H) x 340 (D) (dimensions in mm) 14.9 (W) x 44.8 (H) x 13.3 (D) (dimensions in inches)		
	Dispense area height	230 (dimensions in mm) 9.4 (dimensions in inches)		
	Weight	33 KG		
	Standard filtration supplied (where applicable)	Reverse Osmosis Sediment Filter Pre & Post Carbon Filter		
	Additional features	UV sensor Leak detection		
Symbols	Capacity	Header tank: 11 liters	Cold tank: 4 liters	Hot tank: 1.5 liters
 Normal water	Compressor	230V / 50Hz compressor		
 Cold water	Water temperatures	Cold: 3°C/37°F - 12°C/54°F Hot: 87°C/189°F		
 Hot water				

Tested and Certified



**CE QUALITY & SAFETY
GUARANTEED**

Eureka Forbes Limited reserves the right, in order to reflect continuous research and development, to amend or change specifications without prior notice.

FOR ENQUIRIES, PLEASE CONTACT: watersolutions@eurekaforbes.com, www.eurekaforbes.com

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Aquaguard[®] Pro

UNIVERSA 100



Introducing Universa 100 THE SMART WATER PURIFIER

Specially designed for Commercial and Industrial drinking water requirements.

Equipped with Universal, RO and UV technologies.

Works across all water sources.

FEATURES



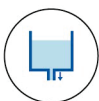
3 Advanced Operating Modes: RO + UV / UV / Auto Mode.



Auto Mode: Automatically switches between RO + UV or UV technologies, based on output TDS.



2" LCD Screen on Front Panel: Shows Running Mode.



Larger Membrane: The Aquaguard Universa Reverse Osmosis system has the advantage of high-capacity purification. It is built with special membrane elements, which produce higher quantities of treated water, thus ensuring faster and continuous water supply.



Self-cleaning System: This ensures superior and effective membrane performance by auto-flushing every four hours.



Micro-biologically potable with water UV filter: Safe drinking water is assured at the outlet using advanced, internationally-proven UV technology, leaving no chance of re-contamination.



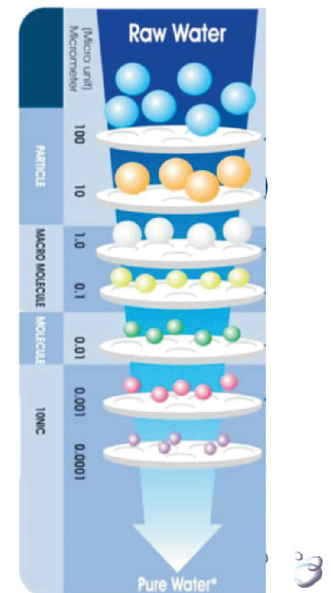
No need for bottled water: With Aquaguard Universa Reverse Osmosis Water Purification System, you won't need bottled water anymore.



Efficient After-sales Service: Aquaguard Universa Water Purifier is backed by prompt, efficient after-sales support of Eureka Forbes network, which comprises of over 1000 exclusive service personnel across the country.

Advanced 7-stage Purification Process

- 1. Bag Filter:** Purification stage 1: Unique polypropylene bag to remove physical impurities etc. from the input water.
- 2. Pre carbon Filter:** Purification stage 2: Specially-treated carbon block used for absorbing colour, odour, organic impurities and chlorine, and preventing microbial growth. Activated carbon block also removes chlorination by-products from water.
- 3. Anti Scalant Filter:** Purification stage 3: This protects the reverse osmosis membrane from scaling deposits as the complex molecules will not get settled and get flushed along with concentrate (reject) water flow. Thus it enhances the service life of the membrane.
- 4. Sediment Filter:** Purification stage 4: Sediment filter traps all the fine sediments present in the output water.
- 5. Reverse Osmosis Membrane Filter:** Purification stage 5: Reverse osmosis membrane filter has a porosity of 0.001 micron and strains micro-organisms and TDS from the input water. This stage rejects around 90% of the input TDS and the purified good water flows towards the next stage.
- 6. Post Carbon Filter:** Purification stage 6: This process enhances the taste of the pure water.
- 7. UV Filter:** Purification stage 7: The UV filter fitted at the point of use ensures that the water that you consume is safe and free from disease-causing microbes.



TECHNICAL SPECIFICATIONS

Dimensions (W x D x H):	600 mm X 700 mm X 800 mm
Weight (kg):	66
RO Membrane:	150 GPD X 4 Nos.
Operating Voltage:	230 V AC – 50 Hz
Power Supply:	Input 230 V AC & Output 24/28 V DC
Power Rating:	55 Watts Max.
Modes of Operation:	RO/ UV/ AUTO
RO Membrane Flushing:	Auto Flush at every Start & every 4 hours of working (for 1 minute)
No. of Stages for Filter cum Purifier:	7
Body	CRCA Steel Powder Coated
Recommended Input Water Pressure:	Min. 1 bar
Recommended Total Dissolved Solids in Input Water:	Up to 2000 ppm (Max.)
Recommended Hardness in Input Water:	300 ppm (Max.)
Recommended pH of Input Water:	6.5 to 8.5
Recommended Chlorine in Input Water:	0.2 ppm (Max.)
Recommended Iron in Input Water:	0.3 ppm (Max.)
Turbidity:	Max. 5 NTU

A part of Eureka Forbes, Forbes Pro Water Solutions helps organisations and industries improve their productivity through state-of-the-art purification systems, prompt after-sales service and hygiene audits.

As marketers of India's largest-selling water purifiers, our commitment is backed by a nationwide sales and service network. Our in-depth knowledge, technical expertise and state-of-the-art R&D facilities enable us to offer you cutting-edge POE and POU water purification systems, water treatment plants and waste water treatment plants. Among our water purification systems are Institutional UV-based Aquaguards, Coolers/ Storage Cooler-cum-purifiers, Multistage Purifiers, Reverse Osmosis Plants and Compact Sewage Treatment Plants.

Regardless of the nature of your business, we have a range of solutions and services for a healthier, more hygienic, safer and more productive work environment.

EUREKA FORBES
Your friend for life

Corporate Office: B1/B2, 701, 7th Floor, Marathon Innova, Marathon NextGen, Off Ganpatrao Kadam Marg, Lower Parel, Mumbai – 400 013, India. Toll Free: 1860 266 1177

For enquiries please contact: Email: watersolutions@eurekaforbes.com | Website: www.eurekaforbes.com

AQUAGUARD COMMERCIAL & INDUSTRIAL WATER TREATMENT PLANTS



FORBES PRO WATER SOLUTIONS

Forbes Pro Water Solutions, part of Eureka Forbes Limited (EFL), has been promoting a wide range of water purifiers to the industrial and institutional clients. Conforming to the highest level of manufacturing excellence, these products ensure that our clients enjoy a healthy life. Thanks to this commitment to product quality, Forbes Pro Water Solutions is today in the vanguard of the water purification industry.

Going beyond drinking water, Forbes Pro Water Solutions now offers customized, total water and waste water treatment solutions, designed to deliver treated water suitable for diverse utilization purposes and various industrial process requirements.

AREAS OF EXPERTISE

- Centralized Water Purification Plants
- Reverse Osmosis Plants
- Water Softeners
- Sewage & Effluent Treatment Plants
- Demineraliser
- Sand/Carbon Filters



APPLICATIONS

- Water purification system for Schools, Colleges, Hotels, Hospitals, Malls & Multiplexes
- Drinking water application in Commercial & Residential Complexes
- Process water for Industrial Applications
- Boiler feed water
- Beverage and Food Processing Industry

SKID-MOUNTED RO PLANTS

TECHNOLOGY | RELIABILITY | SERVICE

SYSTEM FEATURES

- Completely assembled / pre-piped / pre-wired
- Microprocessor-based control panel for ease of operation and inbuilt process logic
- Auto start / stop based on water level in the tank
- MCB for plant protection
- Raw water pump integrated with plant
- Integrated pretreatment module for removal of suspended solids along with pressure gauges
- Robust high pressure pump in SS 304 construction
- Inbuilt protection to high pressure pump by way of low pressure switch / high pressure switch
- Membranes from GE / Hydranautics
- Glycerin filled SS pressure gauges for durability
- Online rota-meter for measuring permeate flow
- PU coated MS skid & plated hardware
- Blending cartridge provision to adjust taste/TDS and followed by ultra violet disinfection for total safety
- Automatic backwashing of filters available as premium range

STANDARD INSTRUMENTATION

- Pressure gauges
- Rota meter
- Pressure switches
- Level switch
- Conductivity meter

The above instrumentations will vary as per the capacity of the plant

OPTIONS

- Automatic backwashing of filters
- Post UV system
- Post treatment system
- pH correction system
- Cleaning system
- Remote Monitoring Station

TECHNICAL SPECIFICATIONS

OPERATING SPECIFICATIONS	UNIT	RO - 100	RO - 250	RO - 500
Maximum Flow	LPH	100	250	500
Average Flow	LPH	100	200	400
Inlet TDS	mg/l	500 - 2000 (Max)	500 - 2000 (Max.)	500 - 2000 (Max.)
Permeate TDS	mg/l	< 150	< 150	< 150
Recovery	%	20	20	30
SYSTEM SPECIFICATIONS	UNIT	RO - 100	RO - 250	RO - 500
Particulate Filter		10 Micron, 4" X 20"	-	-
Activated Carbon Block		4" X 20"	-	-
Pressure Sand Filter (PSF) Capacity	LPH	-	1000	1200
Activated Carbon Filter (ACF) Capacity	LPH	-	1000	1200
Antiscalant Dosing System		Yes	Yes	Yes
Antiscalant Dosing Tank Capacity	Liters	50	50	50
Micron Cartridge Filter (PP)		5 Micron, 20" Long	5 Micron, 10" Long	5 Micron, 20" Long
High Pressure Pump (HPP)		1000 LPH, 1.1 kw	1000 LPH, 1.1 kw	1200 LPH, 1.5 kw
RO Membrane		4" X 40"	4"x40"	4"x40"
UV		No	Yes	Yes
Plant Dimensions (l X w X ht)	mm	600 X 800 X 1640	1000 X 800 X 1700	1000 X 800 X 1700
Weight (Approximately)	kg	200	250	310
Power Supply		415 V AC, 3 phase, 4 wire, 50 Hz		

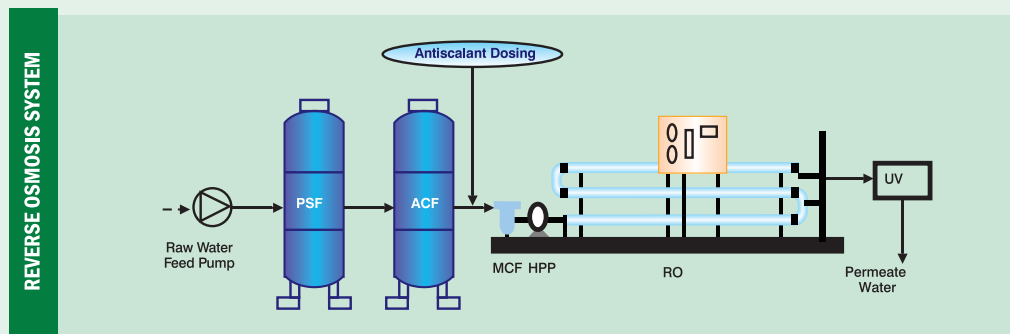
RAW WATER CHARACTERISTICS

- Hardness : 200-500 ppm
- Total Dissolved Solids (TDS) : 500-2000 ppm (max)
- Alkalinity : 200-300 ppm
- Chlorides : 300-400 ppm
- Nitrates : 20-40 ppm
- Silica : 10-15 ppm

LIMITING CONDITIONS FOR RO FEED WATER

- Turbidity : < 5 NTU
- Organics : Nil
- Maximum Water Temp. : < 40°C
- Iron : < 0.3 ppm
- Fluoride : < 1 ppm
- Silt Density Index (SDI) : < 5 ppm
- Free Chlorine : Nil
- Oil & Grease : Nil

REVERSE OSMOSIS



Specifications, features and colour are subject to change without prior notice due to continuous product improvement.

For heavy industrial applications, we also provide AQUAGUARD Industrial RO Plants from 1000 LPH up to 10,000 LPH

FOR ENQUIRIES, PLEASE CONTACT: watersolutions@eurekaforbes.com, www.eurekaforbes.com

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WATER SOLUTIONS

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