EUREKA FORBES

Aquaguard

PRO

STORAGE COOLER - INBUILT WATER PURIFIER UV & RO+UV**

with

ACTIVE COPPER ZINC*# BOOSTER

*Copper and Zinc Infusion in adherence to IS 10500:2012 Drinking water specification (Acceptable limit). #Patent No. 332771.
**Actual Performance may vary depending on the input water quality, water temperature, pH, pressure & condition of filters.

Eureka Forbes has more than 40 years of unmatched expertise in providing health and hygiene solutions to millions of homes, institutions, and industries. Eureka Forbes's initiative is to provide 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 in-depth knowledge, technical expertise, and state-of-the-art R&D facilities enable us to offer you cutting-edge POE & POU water purification systems and water treatment plants.

RO Water Purifier

Most Versatile Water Purification

Reverse Osmosis (RO) purifiers pass water under high pressure through a semi-permeable membrane to filter out excess Total Dissolved Solids (TDS) from the water. They can remove TDS (Total Dissolved Solids), pesticides, microbial contaminants & heavy metals (lead, mercury, arsenic, etc.) as well as oragnic impurities. RO water purifiers are ideal for treating water with a TDS level of 500-2000 mg/L and are suitable for purifying water from multiple sources, namely: Borewell Water, Tanker Water and Sourced from Public Supply.

Benefits:

- Remove excess dissolved solids, heavy metals like lead, mercury, arsenic, etc.
- Removes harmful bacteria, viruses, protozoan which cause waterborne diseases
- Gives safe and healthy drinking water with added minerals

UV Water Purifier

UV e-boiling employs ultraviolet rays at 253.7 nm to inactivate bacteria and viruses in water. This disinfection process is fast and safe. It delivers water that is as safe and pure as water boiled for over 20 minutes, without any change in taste. Ideal for treating water with a TDS level of 1-200 mg/l. It can also be combined with RO to get RO+UV purification. UV water purifiers are suitable for purifying municipal water from lakes & rivers.

Benefits:

- Removes physical and organic chemical impurities
- Removes excess chlorine and its byproducts
- Disinfects bacteria and virus in water to protect against water borne diseases
- Zero water wastage technology
- Removes unwanted odours and taste
- No change in taste of water

Active Copper and Zinc Booster*# Technology

Infuses the right amount of Copper & Zinc to give you pure and healthy drinking water.

PURE CHILL UV

ACTIVE COPPER ZINC BOOSTER*#

The Advanced 4-stage purification

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

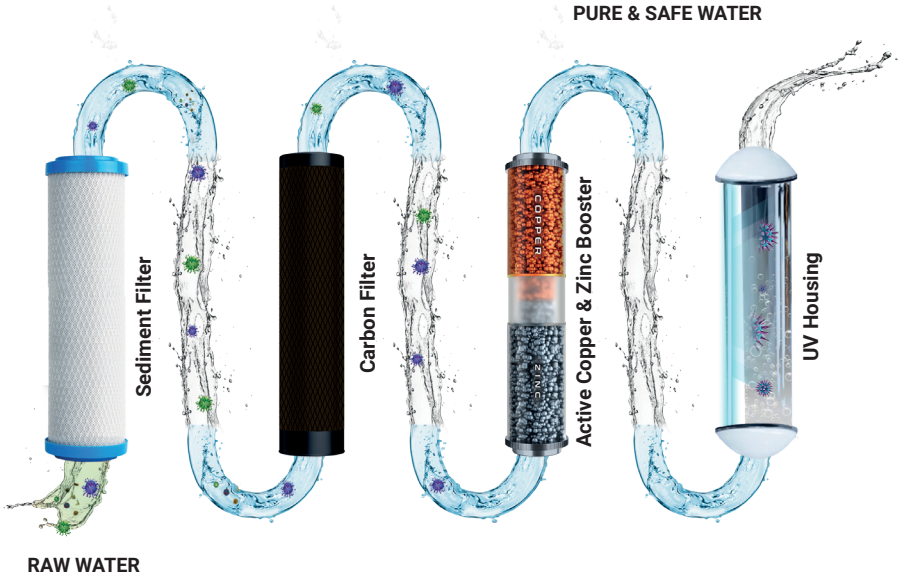
Choice of room temperature water:
Offers chilled water as well as ambient water at the touch of a button.

Tough, Hygienic and Durable body:
Entire body is corrosion resistant which prevents rusting & helps maintain hygiene standards.

Large cooling storage capacity:
Unique design enables it to store a large quantity of water.

Efficient after-sales service:
Backed by prompt and efficient after-sales support.

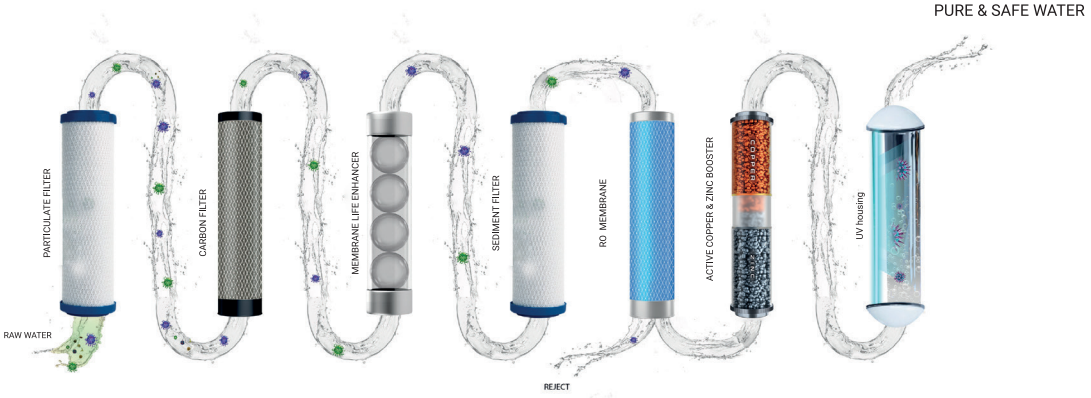
The Aquaguard Pro Storage Cooler Cum Water Purifier: A Closer Look



1. **Active Copper & Zinc Booster*# Catridge:** Infuses Copper & Zinc ions into the water.
2. **Electronic Eye:** Monitors the purification process and stops water flow, if purification is inadequate.
3. **Refrigeration System:** Ensures faster cooling.
4. **Natural Water:** This process ensures the water is filled with all the natural minerals and salts it needs, ensuring that it has a natural taste.

RO + UV TECHNOLOGY – PURE CHILL & THERMAPURE

ACTIVE COPPER ZINC BOOSTER*#



Stages of Purification Process

1. **Particulate Filter:** Using polypropylene yarn wounded cartridge to remove physical impurities from the input water.
2. **Carbon Filter:** An activated carbon block that is specially treated to adsorb colour, odour, organic impurities and chlorine, and also inhibit microbial growth.
3. **Anti Scalant Filter:** Prevents the RO membrane from scaling deposits and gets flushed away along with concentrated (reject) water flow.
4. **Sediment Filter:** Traps all the fine sediments present in the input water.
5. **RO Membrane Filter:** RO membrane filter has a porosity of 0.0001 microns and removes dissolved solids and micro-organisms from the input water.
6. **Active Copper Zinc Booster*#:** Double goodness of Copper and Zinc.
7. **UV disinfection housing:** Fitted at the point of use ensures that the water that you consume is safe and free from disease-causing micro-orangnisms.

Active Copper Zinc Booster*# Catridge:
Infuses Copper & Zinc ions into the water.

Larger Membrane:
This has the dual advantage of high-capacity purification and storage. It is built with special membrane elements, which produce a higher quantity of treated water faster and continuously, with a large stainless-steel tank of 80/120 liters.

Stainless Steel Storage Tank:
Food grade SS 304 Stainless Steel tank keeps the stored water contamination free.

Powerful Cooling System:
Ensures faster cooling of water.

Efficient After-Sales Service:
This is backed by prompt and efficient nationwide after-sales support.

Micro-biologically Potable with UV e-boilng:
The RO system can make drinking water safe on a chemical and microbiological level by removing hardness and water-borne microbes.

Self-Cleaning System:
Ensures superior and effective membrane performance by auto-flushing systems.

Tough, Hygienic and Durable Body:
The entire body is corrosion resistant which prevents rusting and helps maintain hygiene standards, and plastic legs reduce base corrosion.

Touchless Operation (Optional):
Purechill comes with a provision for Sensor & Foot Pedal Operation for an enhanced experience.

*Copper and Zinc Infusion in adherence to IS 10500:2012 Drinking water specification (Acceptable limit). #Patent No. 332771.
Not applicable for Thermapure.
##Post Carbon Filter is applicable only for Thermapure.

THERMAPURE

Additional Features for Thermapure

Variable Thermostat: Range of hot water up to 50 +/-5 ˚C & cold water temperatures can be set as per requirements

Separate Tanks: Hot, Cold and Ambient water

Flexible System: Option to switch off the compressor and heating system as per need. Individual input power supply for cooling/purification and heating systems.

Built-in Dry Run Protection: Ensures that the heating element is always submerged to avoid dry run burn out of the element

Powerful Heating System: Stainless steel heating coil for enhanced life

Heat Absorber: Hot water tank lid for added safety

BENEFITS OF COPPER

- Supports Healthy Metabolism
- Supports Healthy Immunity
- Helps Provide Body with Energy
- Anti-microbial
- Anti-oxidant

BENEFITS OF ZINC

- Decreases Risk of Age-related Diseases
- Supports Growth & Development
- Reduces Inflammation
- Accelerates Wound Healing
- Boosts Immunity

SEGMENTS

- Banks & Financial Institutions
- Commercial Establishments
- Corporate Offices
- Educational Institutions
- Endowment
- Government
- Healthcare
- Hospitality
- Infrastructure
- Manufacturing

TECHNICAL SPECIFICATIONS* UV

Description	AG Pro PURE CHILL 40 PSS UV+CuZn	AG Pro PURE CHILL 80 PSS UV+CuZn	AG Pro PURE CHILL 80 SS UV+CuZn	AG Pro PURE CHILL 120 PSS UV+CuZn	AG Pro ThermaPure 120 PSS UV+CuZn ACH
Approximate External Dimensions	640 X 580 X 1175 mm	640 X 580 X 1465 mm	640 X 580 X 1465 mm	750 X 690 X 1465 mm	750 X 690 X 1465 mm
Input Voltage	230 V AC (50 Hz)	230 V AC (50 Hz)	230 V AC (50 Hz)	230 V AC (50 Hz)	230 V AC (50 Hz)
Power Rating (Max)	600 ± 10 Watt	625 ± 10 Watt	625 ± 10 Watt	720 ± 10 Watt	Total - 1700 +/- 10%; Heating coil - 1000W
Operating Temperature	10° C to 40° C	10° C to 40° C	10° C to 40° C	10° C to 40° C	10° C to 40° C
Water Storage Tank Capacity	40 Ltr.	80 Ltr.	80 Ltr.	120 Ltr.	120 Ltr. (20 Ambient/ 20 Hot / 80 Cold)
Cooling Capacity at Comfort Level	20 LPH	60 LPH	60 LPH	80 LPH	60 LPH
Net Weight	65 Kg	77 Kg	77 Kg	79 Kg	90 Kg
Water Outlet Temperature at Rated Condition	17°± 1°C	17°± 1°C	17°± 1°C	17°± 1°C	Cold 17°± 1°C / Hot 50°± 5°C
Refrigerant	HFC R 134a	HFC R 134a	HFC R 134a	HFC R 134a	HFC R 134a
Thermal Insulation for Storage Tank	PUF	PUF	PUF	PUF	PUF
Type of Product Construction	Concealed	Concealed	Concealed	Concealed	Concealed
Type of Installation	Indoor	Indoor	Indoor	Indoor	Indoor
No Of Faucets	2(Ambient & Cold)	2(Ambient &Cold)	2(Ambient &Cold)	3(2 Cold & 1 Ambient)	3(1 Ambient & 1 Cold & 1 Hot)
Active Copper Zinc Booster*#	Yes	Yes	Yes	Yes	Yes
Purified Water Production Capacity (Max)	120 LPH*	120 LPH*	120 LPH*	180 LPH*	180 LPH*
No of Stages for Filter cum Purifier	4	4	4	4	4
Purification Stage Details	20"Sediment Filter 1 Nos	20"Sediment Filter 1 Nos	20"Sediment Filter 1 Nos	20"Sediment Filter 1 Nos	20"Sediment Filter 1 Nos
	20"Activated Carbon Filter 1 Nos	20"Activated Carbon Filter 1 Nos	20"Activated Carbon Filter 1 Nos	20"Activated Carbon Filter 1 Nos	20"Activated Carbon Filter 1 Nos
	Active Copper & Zinc Booster* 2 Nos	Active Copper & Zinc Booster* 2 Nos	Active Copper & Zinc Booster* 2 Nos	Active Copper & Zinc Booster* 3 Nos	Active Copper & Zinc Booster* 3 Nos
	UV Disinfection housing-8Watts-2 Nos	UV Disinfection housing-8Watts-2 Nos	UV Disinfection housing-8Watts-2 Nos	UV Disinfection housing-8Watts-3 Nos	UV Disinfection housing-8Watts-3 Nos
INPUT WATER CONDITION					
Operating Input Water Pressure	0.6 to 2.0 Kg/cm²				
Recommended Total Dissolved Solids in Input Water(TDS)	0 to 500 ppm.(Max)				
Recommended Hardness in Input Water	300 ppm(Max)				
Recommended pH of Input Water	6.5 to 8.5				
Allowable Chlorine Input Water	0.2 ppm (Max)				
Allowable Iron in Input Water	0.3 ppm (Max)				
Turbidity	<5 NTU				
SDI (Silt Density Index)	< 5				

*Standard test condition: input pressure of 1.0 Kg/cm². Turbidity: 5 NTU (Max.), Temperature: 25°C, Chlorine: below 0.2 mg/L, Iron: below 0.3 mg/L.
- Actual Performance may vary depending on the input water quality, water temperature, pH, pressure & condition of filters.
- Specifications, features and colors are subject to change without any prior notice due to continuous product improvements.
- Suggested using appropriate capacity voltage stabilizer for better product performance if required.
- Recommended to use online booster pump of ¼ HP Capacity, if the input water pressure is below 0.6 kg /cm². for better product performance.
- Recommended to use PRV (pressure Reducing Valve) if the input water pressure is more than 2.0 kg /cm² for better product performance.

*Copper and Zinc Infusion in adherence to IS 10500:2012 Drinking Water Specification (Acceptable Limit). #Patent No.332771.

Pure Chill 40 PSS UV | Pure Chill 80 SS UV | Pure Chill 80 PSS UV | Pure Chill 120 PSS UV | Pure Chill 120 SS UV

TECHNICAL SPECIFICATIONS RO+UV+CUZN

Description	Aquaguard Pro Pure Chill 40 PSS RO+UV+CuZn	Aquaguard Pro Pure Chill 80 SS RO+UV+CuZn	Aquaguard Pro Pure Chill 120 PSS RO+UV+CuZn	Aquaguard Pro Thermapure 120 PSS RO ACH
Approximate External Dimensions (WXDXH)	640 x 580 x 1175 mm	640 x 580 x 1465 mm	750 x 690 x 1465 mm	750 x 690 x 1465 mm
Input Voltage	230 V AC (50 Hz)	230 V AC (50 Hz)	230 V AC (50 Hz)	230 V AC (50 Hz)
Power Rating (Max)	580 W + 10%	700 ± 10%	850 ± 10%	Total - 1580 +/- 10%; Heating coil - 1000W
Water Storage Tank Capacity	40 Ltr.	80 Ltr.	120 Ltr.	Total - 120L - Cold - 80 L, Hot - 20 L, Ambient - 20L
Cooling Capacity at Comfort Level	20 LPH	60 LPH	80 LPH	60 LPH
Water Outlet Temperature at rated condition	15°C±1°C	17°C±1°C	17°C±1°C	Cold -15 Deg C+/-1*; Hot-50 Deg C +/-1
Refrigerant	HFC R 134 a	HFC R 134 a	HFC R 134 a	HFC R 134 a
Thermal Insulation for Storage Tank	PUF	PUF	PUF	PUF
No. of Faucets	1 Cold	2 Cold	3 Cold	1 Hot, 1 Cold, 1 Ambient
No. of Stages for Filter cum Purifier	7	7	7	7
Active Copper Zinc Booster***	Yes	Yes	Yes	No
% of Purified Water Recovery**	40% Min	40% Min	40% Min	40% Min
% Rejection of TDS	90% (Approx)***	90% (Approx)***	90% (Approx)***	90% (Approx)***
Permeate (Purified Water) Production Capacity	25 LPH**	50 LPH**	50 LPH**	50 LPH**
Storage Tank & Drain Tray Material	SS 304	SS 304	SS 304	SS 304
Outer Body Material	Front Panel SS 304 and rest CRCA Powder Coated Steel	SS 304	Front Panel SS 304 and rest CRCA Powder Coated Steel	Front Panel SS 304 and rest CRCA Powder Coated Steel
Type of Product Construction	Concealed	Concealed	Concealed	Concealed
Type of Installation	Indoor	Indoor	Indoor	Indoor
Net Weight	65 Kg	85 Kg	92 Kg	92 Kg
INPUT WATER CONDITION				
Operating Input Water Pressure	1.0 to 2.0 Kg/cm²			
Operating Temperature	10°C to 45°C			
Recommended Total Dissolved Solids in Input Water(TDS)	500 to 2000 ppm.(Max)			
Recommended Hardness in Input Water	300 ppm (Max)			
Recommended pH of Input Water	6.5 to 8.5			
Allowable Chlorine Input Water	0.2 ppm (Max)			
Allowable Iron in Input Water	0.3 ppm (Max)			
Turbidity	<5 NTU			
SDI (Silt Density Index)	<5			

*Standard test condition: Feed water 1000 NaCl, input pressure of 1.0 Kg/cm². Turbidity: 5 NTU (Max.), Temperature: 25°C, Chlorine: below 0.2 mg/L, Iron: below 0.3 mg/L. Product recovery @ 50%.
**Actual Performance may vary depending on the input water quality, water temperature, pH, pressure & condition of filters.
***Input water Quality/ Pressure/ TDS are important determinants of recovery rate & rejection.
*Copper and Zinc Infusion in adherence to IS 10500:2012 Drinking Water Specification (Acceptable Limit). #Patent No. 332771.
Refrigeration capacity as per IS:1475: For PureChill 80 – 40 LPH and Pure Chill 120 – 60 LPH
Specifications, features and colours are subject to change without any prior notice due to continuous product improvements.

Pure Chill 40 SS RO+UV

Pure Chill 120 PSS RO+UV

Pure Chill 80 SS RO+UV

Thermapure 120 PSS RO ACH

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

EUREKA FORBES

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