



Pure, cool goodness in every drop.



Water Coolers with in-built
RO + UV Purification



Now enjoy cold drinking water that is 100% pure too!

With over seven decades of experience, Blue Star – India's leader in air conditioning and refrigeration solutions – has always been at the forefront of innovation and R&D, bringing you cutting edge products and solutions that offer you more.

Already leaders in the storage water cooler market, Blue Star now brings you storage water coolers with in-built RO+UV purification and filtration processes that not only supply non-stop cold water but also ensure its purity for safe consumption.

Impure drinking water is one of the main causes of infection, even mild poisoning, in many cases. Hence, it is important to have in-built purification processes in the water cooler. That is why Blue Star Water Coolers incorporate everything that is required – reliable cooling systems, RO+UV purification and contaminant filtration – all within the same housing, integrating the systems together for seamless, efficient operation. They are therefore comprehensive and compact solutions for safe, clean and cold drinking water.

The Blue Star range of storage water coolers with in-built RO+UV purification is also designed for faster cooling and with larger storage tanks, to cater to high-volume requirements in schools, colleges, corporates, factories, hospitals and public spaces such as railway stations, airports, pilgrim centres and fuel stations.

Proven filtration techniques for the purest water



RO+UV purification

RO+UV filters, using robust and reliable purification technology ensure contamination-free, safe drinking water.



7 stages of filtration

Besides the RO and UV stage, various other filters ensure clean, odourless, tasty and cool drinking water.



Fully Automatic

Starts and stops when the tank is half empty or full.



Last-point purification

Innovative design, using proven last-point UV technology, ensures that filtered water is not exposed to further contamination before delivery at the faucet.



Electronic eye

Monitors purification process and stops water flow if the purification is inadequate.



Proven cooling technology from Blue Star



Faster cooling

Efficient design, including rectangular tank, forced fin and tube condenser, maximises heat transfer and ensures faster cooling.



Lower power consumption

Consumes less power as compared to equivalent models due to its smart design.



High throughput

Large tank and overall system designed for high consumption volumes.



Longer life

Non-corrosive SS outer body ensures longer life, brighter looks and smoother finish, while rugged plastic legs reduce corrosion of base.



Contamination-free storage

Food grade SS 304 stainless steel inner tank keeps the stored water contamination-free.



Cold water even through power cuts

In-situ PUF insulation not only reduces power consumption but ensures that the water remains cool even through long power failures.



Space saving

Compact design saves precious real estate.



Reliability

Reciprocating compressor can operate under tough ambient conditions for long hours. And in case of failure, it can be repaired in most cases thus lowering maintenance costs.



Ease of service

Thoughtfully designed so that all important components are individually and separately accessible for easy service and maintenance.

Blue Star Water Coolers with in-built RO + UV Purification

Blue Star Water Coolers with in-built RO+UV purification use robust technology to bring you chilled drinking water that is safe to drink.

Reverse Osmosis (RO) uses a semi-permeable membrane to filter out impurities from the water, making it safe to drink.

Besides the RO filter, this range of unique Water Coolers offers a further range of 6 more filters that make the water safe to drink, both chemically and microbiologically. The filtration process lowers the hardness level of the water as well as the levels of Totally Dissolved Salts. It also reduces the levels of arsenic, lead and mercury, which are dangerous heavy metal contaminants in many water sources. Pathogenic micro-organisms are also eliminated by the filtration process.

Ultraviolet (UV) rays are proven to be effective in killing harmful bacteria and microbes, and neutralising dangerous chemicals that may be present in drinking water. At the same time, the treated water retains all its minerals and salts.

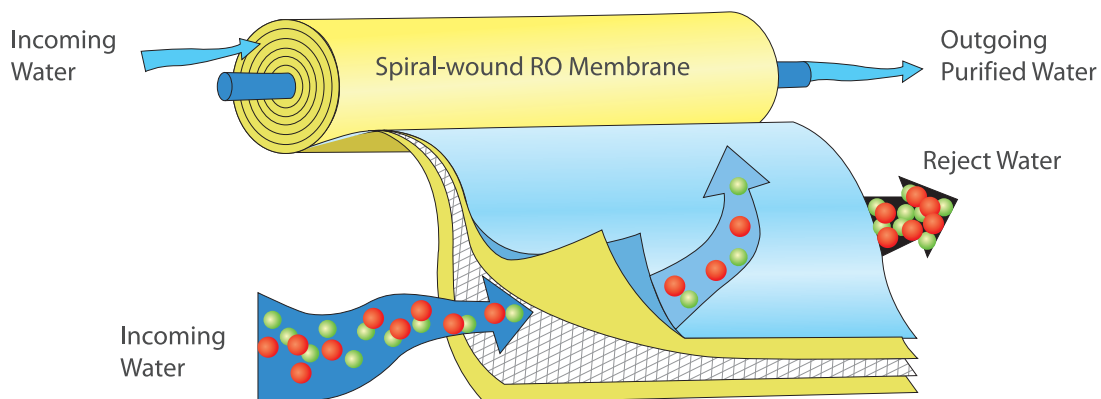
A unique feature of these coolers is the last-point purification using UV technology that ensures that water dispensed remains pure and uncontaminated even during the post-filtration flow.

All of this ensures that the water you drink is totally pure, tasty, clean and safe.



Unique 7-stage purification process

- 1** Unique polypropylene yarn candle to remove physical impurities from input water.
- 2** Specially treated pre-carbon block for absorbing colour, organic impurities and chlorine.
- 3** Anti-scalant filters to prevent deposits over the RO membrane.
- 4** The sediment filter traps all the fine sediments present in the input water.
- 5** RO membrane filter (porosity of .0001 micron) strains micro-organisms and TDS from the input water.
- 6** Post-carbon filter to enhance the taste of purified water.
- 7** UV disinfection chamber to disinfect the water.



Storage Water Coolers with in-built RO + UV Purifier

Model	SWCSDLX6080UVROE	
Performance Parameters	Storage capacity (up to float valve level)	80 Ltr.
	Capacity with comfort level Water outlet temp at 17°C ± 1°C at rated condition	60 LPH
	Running current in amps (max) at rated condition	4.5 ± 10%
	Power in watts (max) at rated condition	700 ± 10%
	Operating power supply	230 ± 10% V AC, 50 Hz, 1 PH
	Thermal insulation for storage tank	PUF
	No. of faucets	2
	No. of cold water faucets	2
	No. of normal water faucets	NA
	Recommended maximum water flow rate through the faucets in LPM	50 LPH
Filtration stages	No. of stages for filter cum purifier	7
	1 st stage of purification	Sediment purification
	2 nd stage of purification	Carbon block purification
	3 rd stage of purification	Anti-scalant purification
	4 th stage of purification	Sediment purification
	5 th stage of purification	Reverse Osmosis membrane purification (2 per circuit)
	6 th stage of purification	Post-carbon block filtration
RO system	7 th stage of purification	UV purification
	RO membrane rating	4 x 75 GPD or equivalent
	% of purified water recovery	25%, 50 LPH
	% rejection of tds	75%
	Operating temperature	15° C to 45° C
	RO membrane flushing	Auto-flush at every start, every stop and every one hour for 1 minute
Body	RO system & water cooler operating voltage	180 - 250 V
	Storage tank material	SS 304
	Outer body material	SS 304
	Type of product construction	Concealed
Dimensions & Net Weight	Type of installation	Indoor
	Dimensions (W x D x H) mm	660 x 480 x1355
Refrigerant	Net weight (Kg)	73
	Refrigerant	R134a



For more information, please contact **BLUE STAR LIMITED** • **Ahmedabad**: 3rd floor, Abhishree Avenue, (Near) Nehru Circle, SM Road, Ambawadi, Ahmedabad - 380015. Tel: (079) 40224000 • **Bengaluru**: Anjuman Kay ARR Tower, No 28, Ward No 77, Mission Road, Bengaluru - 560027. Tel: (080) 41854000 • **Bhubaneswar**: 3A Satya Nagar, 2nd floor, Bhubaneswar - 751007. Tel: (0674) 2572403/2573670 • **Chandigarh**: Adarsh Mall, 4th floor, Plot No. 50, Industrial & Business Park, Phase II, Chandigarh - 160002. Tel: (0172) 5024000 • **Chennai**: KRM Plaza, No. 2, Harrington Road, Chetpet, Chennai - 600031. Tel: (044) 42444000 • **Ghaziabad**: C 53A, Third floor, Rajnagar District Centre (RDC), Raj Nagar, Ghaziabad - 201001. Tel: (0120) 2821400 • **Goa**: 210, 2nd floor, Gera's Imperium 1, Patto, Panjim, Goa - 403001. Tel: (0832) 2438171/2437287 • **Gurugram**: 6th floor, Vatika Atrium, Golf Course Road, Sector 53, Gurugram - 122002. (Haryana). Tel: (0124) 4094000 • **Guwahati**: Oasis Plaza, Dr. B. Barooah Road, Ulubari Kamrup, Guwahati - 781007. Tel: (0361) 2468496 • **Indore**: Shri Krishna Classic, First floor, 139, Fadnis Colony, AB Road, Indore - 452010. Tel: (0731) 4001211/ 4001311 • **Jaipur**: A-19, First floor, Main Sahakar Path, Near Sahakar Bhavan, Jaipur - 302001. Tel: (0141) 2744033/35 • **Jamshedpur**: Sai Apartment, Opp - Thakur Pyara Singh Ground, Kashidhi, Sakchi, Jamshedpur - 831001. Tel: (0657) 2221530 • **Kochi**: 2nd floor Millennium Plaza, MKK Nair Road, Alinchuvadu Junction, Kochi - 682024. Tel: (0484) 4499000 • **Kolkata**: 7, Hare Street, Kolkata - 700001. Tel: (033) 22134000 • **Lucknow**: 177/4, Faizabad Road, Lucknow - 226007. Tel: (0522) 4034000 • **Ludhiana**: SCO 16-17, Feroze Gandhi Market, Fortune Chambers, 3rd floor, Ludhiana - 141001. Tel: (0161) 5001404 • **Mumbai**: Blue Star House, 9A, Ghatkopar Link Road, Saki Naka, Mumbai - 400072. Tel: (022) 66684000 • **Nagpur**: 219, Bajaj Nagar, 1st floor, South Ambazari Road, Nagpur - 440010. Tel: (0712) 6624000 • **New Delhi**: Plot No. 8, 1st floor, Elegance Tower, Jasola District Centre, New Delhi - 110025. Tel: (011) 41494000 • **Patna**: Ambition Business Centre, Laxmikant Niketan Parisar, 4th floor, 'B' Block, Room No 405, Jamal Road, Patna - 800 001 • **Pune**: 201/A, Nityanand Complex, 1st floor, 247/A, Bund Garden Road, Pune - 411011. Tel: (020) 41044000 • **Raipur**: Alaska Corporates, 3rd floor, Opp. VIP Road, Jivan Vihar Colony, G E Road, Raipur - 492006 • **Secunderabad**: Ashoka Raghupati Chambers, No. 1-10-60 to 64, 4th floor, S P Road, Begumpet, Hyderabad, Telangana - 500 016. Tel: (040) 44004000 • **Thiruvananthapuram**: TC IV/962, Chandrika, Sree Chitra Nagar, Pipeline Road, Kawdiar, Thiruvananthapuram - 695003. Tel: (0471) 2435025 • **Vadodara**: Ramakrishna Chambers, 7th floor, Productivity Road, Alkapuri, Vadodara - 390007. Tel: (0265) 6614000 • **Vijayawada**: No. 40-1-62, Nagas Hafeez Plaza, Opposite to grand modern supermarket, Near BENZ Circle, M G Road, Vijayawada - 520010. Tel: (0866) 2484004 • **Visakhapatnam**: D. No. 49-24-65/1, Near Sankarmatam Road, Madhura Nagar, Visakhapatnam - 530016. Tel: (0891) 2748405 • email: coolingsolutions@bluestarindia.com • Visit us at: www.bluestarindia.com • SMS 'COOL' to 57575