

MIW
WATER COOLER EXPERTS
Hydrating the Nation

ULTRA BLU_V utilizes the most advanced UV technology.
Eliminating 99.99% of bacteria & viruses in water.

ULTRA BLU_V is the industry's most compact, energy efficient and
intelligent UV sterilizer.

ULTRA BLU_V can be easily installed to upgrade your Point-of-Use
dispensing system or filtration system.



ULTRA BLU_V
water sterilizer

ADVANTAGES OF

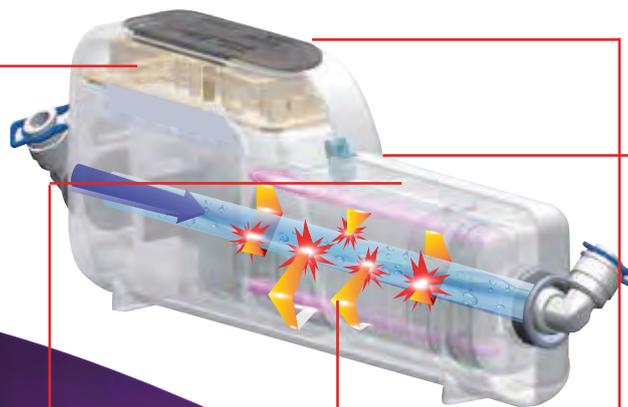
ULTRA BLU_V

ULTRA BLU_V

TRADITIONAL UV STERILIZER

- Compact fixture with quick-fit inlet and outlet connections for easy installation
- Low mercury content
- Long service life: 6000 operation hours or at least 3 years
- Turns on only when the water passes through – does not increase the temperature on first cup of water and energy efficient
- Equipped with intuitive LED panel signals and control board to ensure device's performance
- Shock-absorbent structure enables pre-installation on water dispensers, water filters, or to be transported individually

- Bulky and difficult to be installed
- High mercury content
- Requires annual lamp replacement with rapid decay of performance. Most lamps decay by 25% in 3 months
- Needs to be turned on all the time to be effective. High thermal radiation heats up the water and wastes energy
- High risk of lamp system breakdown without appropriate warning sign
- The lamp inside the housing could be easily broken during transportation



Accurate Digital Logic UVC Radiation Control, Water Sensor & Auto Disinfection on Periodic Intervals



UV Metal Chamber in Mirror Finish



Dual UV Lamp + Z-Refraction Chamber

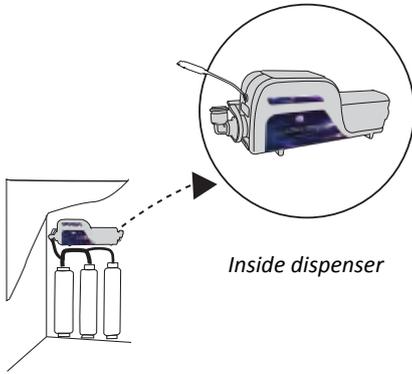


Function/Malfunction/Lamp Elapsed time Display and Buzzer

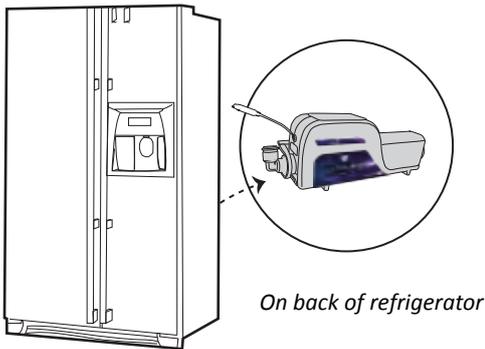
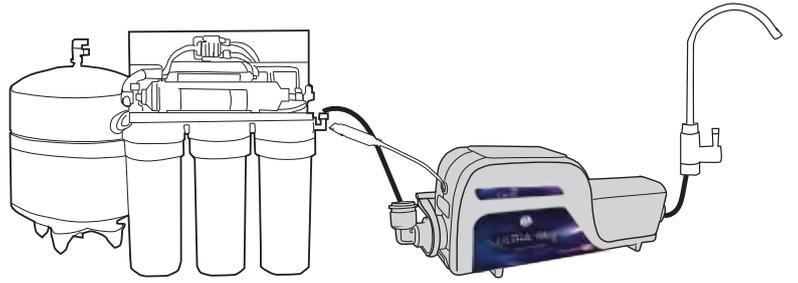


Proprietary Ratchet for easy location

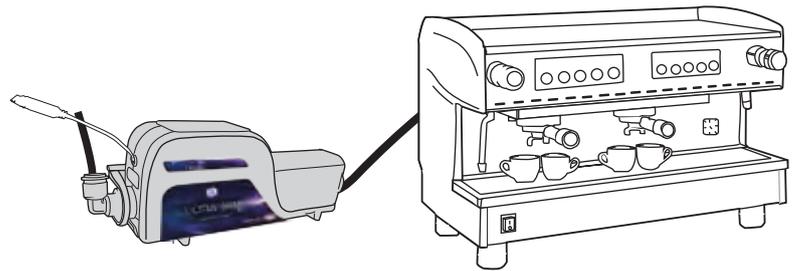
APPLICATIONS



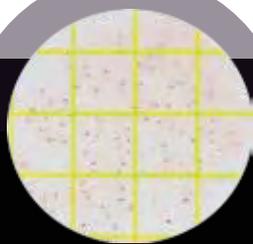
Inside dispenser



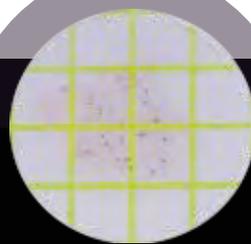
On back of refrigerator



TECHNICAL SPECIFICATIONS



After
Single Purifier



After
RO Membrane
with 2 years usage



After
MIW Ultra Blu

Potential Contaminant

Disinfection dose

Cholera	6,500 $\mu\text{W}\cdot\text{sec}/\text{cm}^2$
Dysentery	4,200 $\mu\text{W}\cdot\text{sec}/\text{cm}^2$
E.coli	6,600 $\mu\text{W}\cdot\text{sec}/\text{cm}^2$
Salmonella	10, 500 $\mu\text{W}\cdot\text{sec}/\text{cm}^2$
Poliovirus	7, 000 $\mu\text{W}\cdot\text{sec}/\text{cm}^2$
Hepatitis A	8, 000 $\mu\text{W}\cdot\text{sec}/\text{cm}^2$

MIW Ultra Blu DOSE $\geq 30,000 \mu\text{W}\cdot\text{sec}/\text{cm}^2$

ULTRA BLU

Model	MIW Ultra Blu
Flow Rate in Clear Water	4.5 lpm
Flow Rate in Distilled or RO,UF Water	5.7 lpm
Dosage	30,000 $\mu\text{W}\cdot\text{sec}/\text{cm}^2$
Max. Operating Pressure	6.9 bar
Minimum pressure required to start up	0.01 bar based on 200 ml/min flow rate
UV Lamp Service Life hrs	6000 working hrs
Inlet/Outlet port	1/4" Push-in Fitting
Electricity	100V-240V, 50/60HZ - 12 VDC
Power consumption	9.5W



ULTRA BLU

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