



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

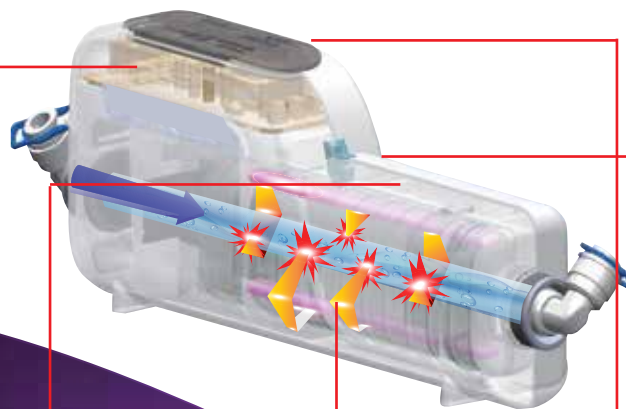
ULTRA BLU_V

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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

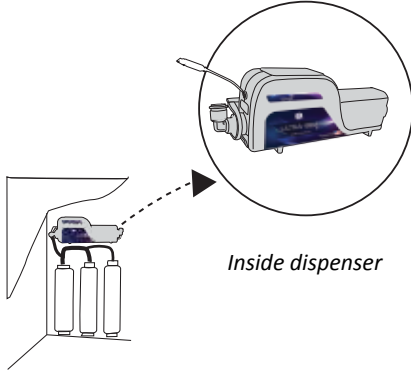


Proprietary Racket for easy location

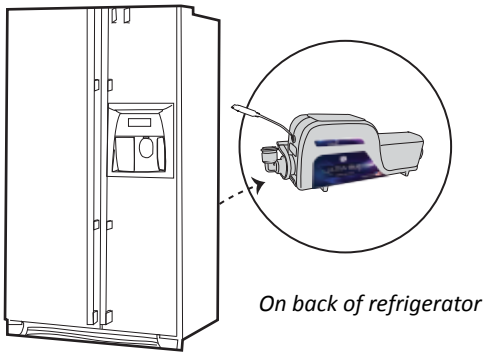
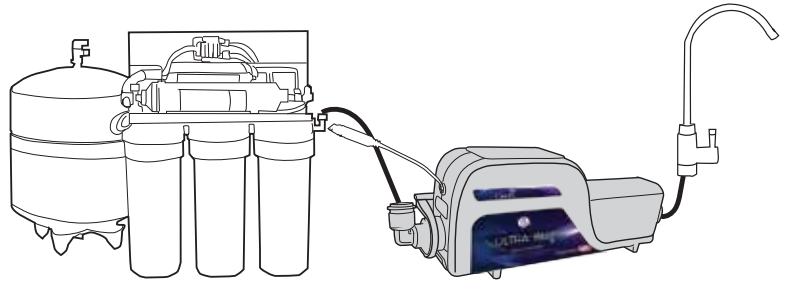
APPLICATIONS



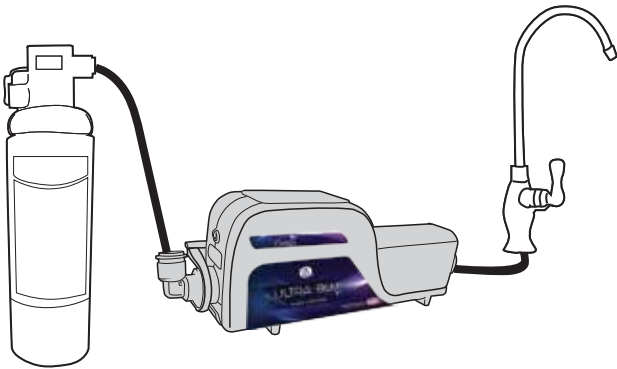
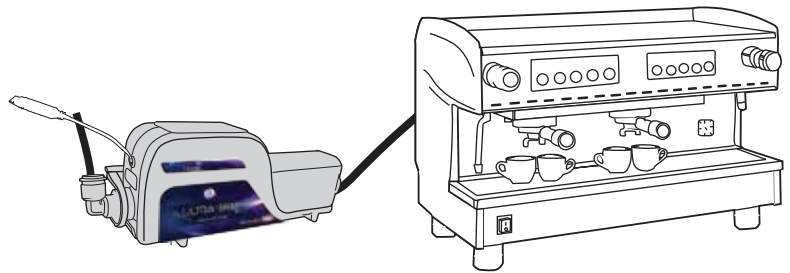
OASIS' PAC
now with
Ultra BluV



Inside dispenser



On back of refrigerator

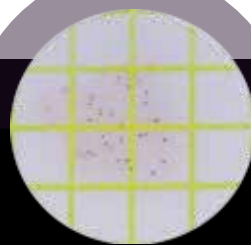


OASIS

TECHNICAL SPECIFICATIONS



After
Single Purifier



After
RO Membrane
with 2 years usage



After
OASIS'
Ultra BluV

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 $\mu\text{W}\cdot\text{sec}/\text{cm}^2$

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

ULTRA BLU_V

Model	Ultra BluV
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_V

OASIS

OASIS Ireland
Bunree Industrial Estate,
Ballina, Co. Mayo
Ireland
tel. +353 96 71222
fax +353 96 71433
info@oasis.ie
www.oasis.ie

OASIS Poland
ul.Gutenberga 20
44-164 Gliwice
Poland
tel. +48 32 332 65 01
fax +48 32 332 65 00
info@oasis.ie
www.oasis.ie