



ULTRA BLU<sub>V</sub> utilizes the most advanced UV technology.  
Eliminating 99.99% of bacteria & viruses in water.

ULTRA BLU<sub>V</sub> is the industry's most compact, energy efficient and  
intelligent UV sterilizer.

ULTRA BLU<sub>V</sub> can be easily installed to upgrade your Point-of-Use  
dispensing system or filtration system.



ULTRA BLU<sub>V</sub>  
water sterilizer

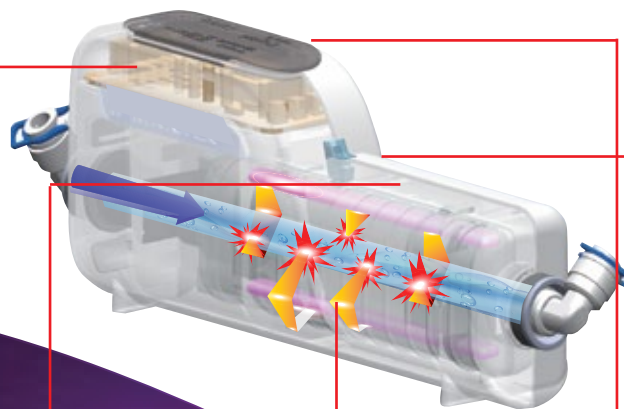
# ADVANTAGES OF ULTRA BLU<sub>V</sub>

## ULTRA BLU<sub>V</sub>

- 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

## TRADITIONAL UV STERILIZER

- 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*

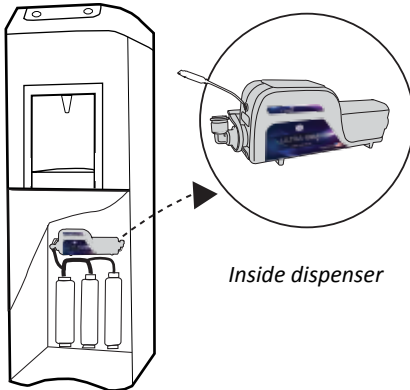


*Proprietary Racket for easy location*

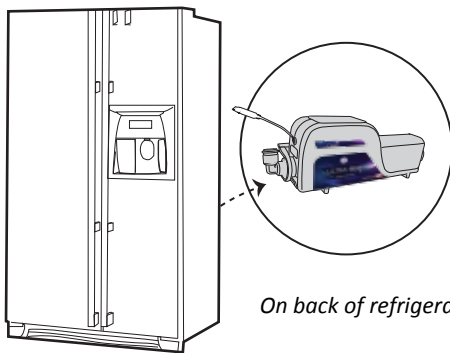
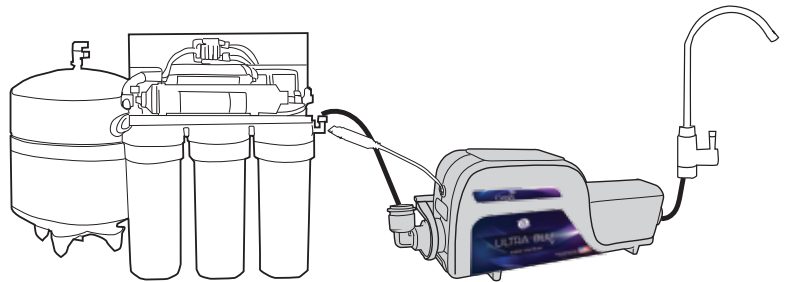
# APPLICATIONS



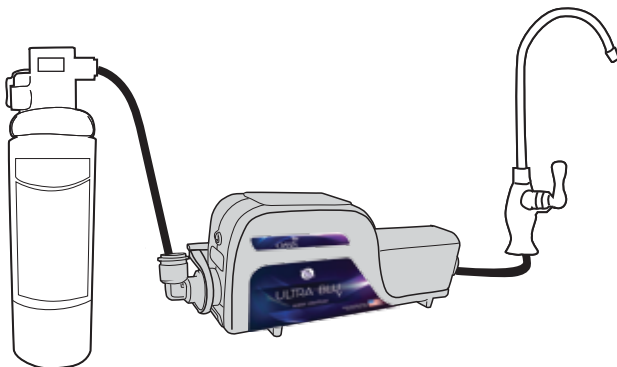
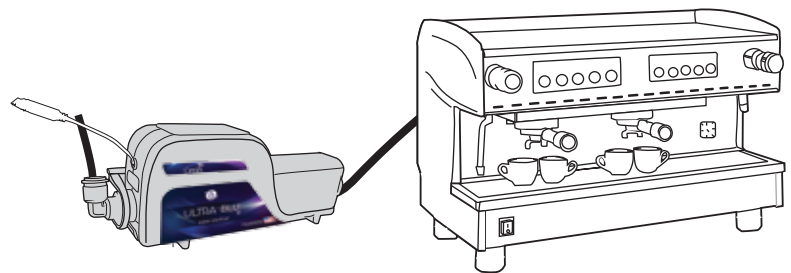
OASIS' PAC  
now with  
Ultra BluV



*Inside dispenser*

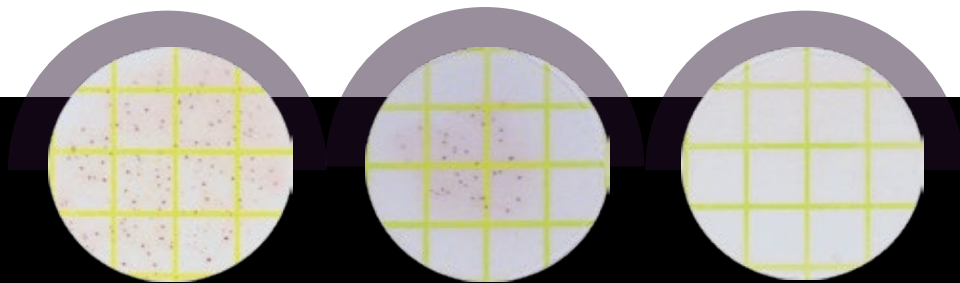


*On back of refrigerator*



OASIS

## TECHNICAL SPECIFICATIONS



After  
Single Purifier

After  
RO Membrane  
with 2 years usage

After  
OASIS'  
Ultra BluV

### Potential Contaminant

### Disinfection dose

Cholera	6,500 $\mu$ ,w,sec/cm2
Dysentery	4,200 $\mu$ ,w,sec/cm2
E.coli	6,600 $\mu$ ,w,sec/cm2
Salmonella	10, 500 $\mu$ ,w,sec/cm2
Poliovirus	7, 00 $\mu$ ,w,sec/cm2
Hepatitis A	8, 000 $\mu$ ,w,sec/cm2

*Ultra BluV DOSE  $\geq 30,000 \mu$ ,w,sec/cm2*

## ULTRA BLUV

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 $\mu$ ,w,sec/cm2
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 BLUV



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