



NEW
PRODUCT



UV SERIES

ULTRAVIOLET WATER TREATMENT & MICROFILTRATION SYSTEM

UV55 | FOR SMALL TO MEDIUM HOUSES.
55 litres per minute average demand.



UV75 | FOR MEDIUM TO LARGE HOUSES.
75 litres per minute average demand.



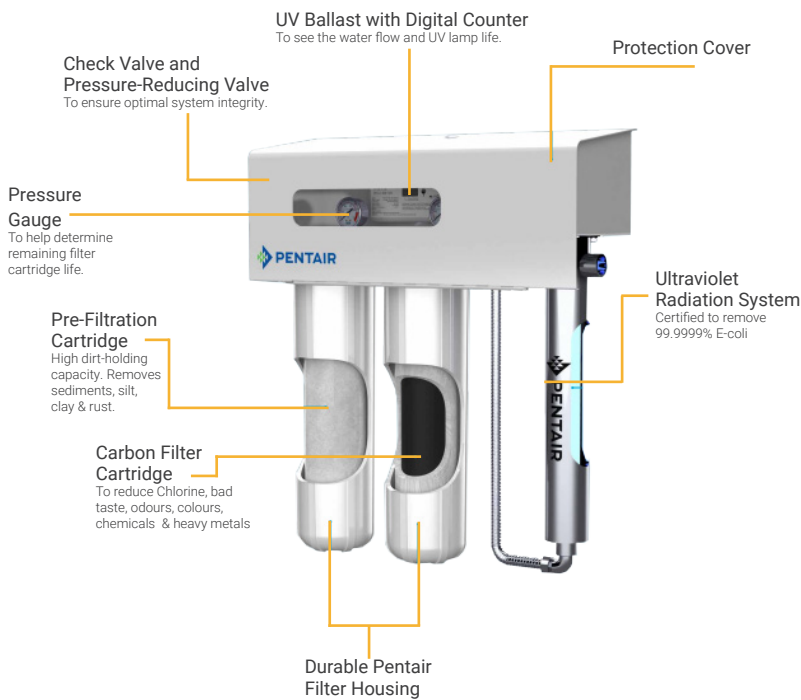
APPLICATIONS

- Designed to greatly improve the quality of your family's drinking water throughout your home
- Suitable for rain water, mains water and surface water treatment applications

BENEFITS OF THE SYSTEM

- Pentair Ultraviolet Micro Filtration System tested to remove 99.9999% of Escherichia Coli (e. Coli) *
- Pentair UV technology is a natural purification process that is friendly to the environment and free of chemicals.
- Proven Pentair owned and manufactured filtration housings, cartridges, and components.
- Multistage micro filtration & ultraviolet purification all-in-one unit.
- Reduces sediment, silt, sludge, dirt, rust, coarse and fine particles, chemicals including chlorine, bad taste, and odour.
- Turns your water into pure, safe, delicious drinking water throughout your home.
- Improves the quality of your water for washing, showering and cooking, can even protect your plumbing and appliances.
- Fabrics will last longer and look cleaner with filtered water.
- Commercial design for indoor or outdoor installation to withstand Australian climate conditions**
- Equipped with a UV lamp count-down timer and alarm to ensure the system is working at optimal performance, 100% of the time.

UV SERIES - Technical Data



COMMON WATER ISSUES:

- **SEDIMENT** - Sediment such as sand, silt, rust and mineral particles gives water a cloudy appearance and can cause significant wear on plumbing and household appliances.
- **CYSTS** - Because they are resistant to traditional disinfection.
- **LEAD** - Safeguard your family from harmful contaminants such as lead. In older homes and water distribution systems, in some circumstances, lead can leech into the water supply from leaded solder and brass fittings.
- **CHLORINE** - While chlorine is important for killing waterborne bacteria, too much chlorine can give water an unpleasant taste, as well as irritate skin.

Model	UV5505	UV7505
Flow rate @ 40mJ/cm2	55 lpm	75 lpm
Flow rate @ 25mJ/cm2	80 lpm	110 lpm
Inlet water condition	Tap Water / Surface Water / Rain Water	
Working water pressure	210 - 500 kPa (30 - 73 PSI)	
Min-Max water temperature	5 - 38°C	
Ambient temperature	2 - 49 °C	
Inlet water max turbidity	≥ 5 NTU	
Inlet water max dissolved iron	≥ 0.3 ppm (0.3 mg/L)	
Inlet water max hydrogen sulfide	≥ 0.05 ppm (0.05 mg/L)	
Inlet water max suspended solids	≥ 10 ppm (10 mg/L)	
Inlet water man manganese	≥ 0.05 ppm (0.05 mg/L)	
Inlet water max hardness	≥ 1.84 mg/L	
Power supply	AC 230VAC/50Hz	
Power	48W	

Product Certifications and Licences



AS/NZS 4020
TESTED & CERTIFIED.
SAFE TO USE FOR DRINKING WATER.



Certified to remove E-coli 99.9999%
(GB/T 5750.12-2006 Standard examination methods for drinking water-microbiological parameters)



Filter Cartridges Certified to NSF Std 42, NSF Std 53, CSA B483.
UV5505 & UV7505: NSF 42, NSF 53 & CSA B483.
UV5510 & UV7510: NSF 42
UV5501 & UV7501: NSF 42



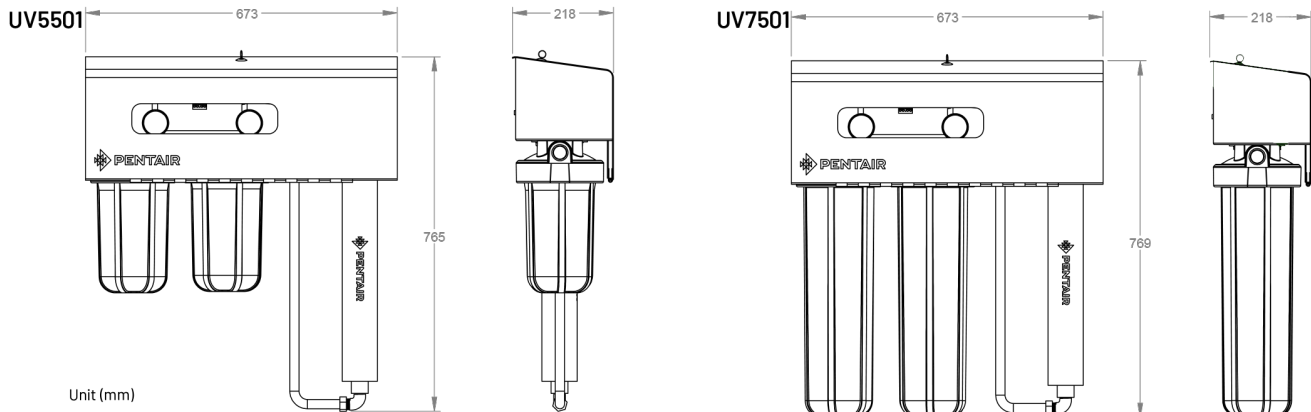
Fully tested and certified to AS/NZS 60335.1, AS/NZS60335.2.109 and CISPR 15:2018.



Certified for WMTS-103:2016 for use on domestic drinking water supply.



UV SERIES - Technical Data



SPECIFICATIONS

Inlet size:	25 mm (1" Bsp)
Systems Dimensions:	721 W x 780 H x 218 D (mm)
Micron Rating:	UV5501/UV7501: 1 Micron
Approximate filter cartridge life:	Up to 12 months depending on mains water quality
Min/Max inlet water temperature:	4° - 38°C
Min/Max inlet water pressure:	140 to 520 kPa
System weight:	

Model	Dry Weight	Wet Weight (In Operation)
UV5505	22 kg	32 kg
UV7505	27kg	42 kg

CONTAMINANT REDUCTION

- Kills 99.9999% Of E. Coli & waterborne bacteria.
- Chlorine taste and odour
- Cyst: NSF/ANSI Standard 53 certified to reduce cysts such as cryptosporidium and giardia by mechanical means (Models UV5505 and UV7505)

SYSTEM CERTIFICATION AND STANDARDS

- Australian Watermark WWM-022617_03
- NSF/ANSI Standard 42, 53 (components Only)
- CAS (Canadian Standards Association) Standar B483.1 for lead reduction. (Model PB55-20-SC-F80 and PB55-10-SC-F80)
- EMC: CISPR 15:2018
- Electrical Safety: AS/NZS 60335.1:2019, AS/NZS 60335.2 109:2017

Model	Flow rate (l/pm)	Stage	Replacement filter (Cartridge model to order)	Product specifications
REPLACEMENT CARTRIDGES FOR UV 55 MODELS				
UV5501	55	Cartridge 1	DGD-2501	NSF/ANSI STANDARD 42
		Cartridge 2	DFX-CB-BB	
REPLACEMENT CARTRIDGES FOR UV 75 MODELS				
UV7501	75	Cartridge 1	DGD-2501-20	NSF/ANSI STANDARD 42
		Cartridge 2	DFX-CB-20BB	