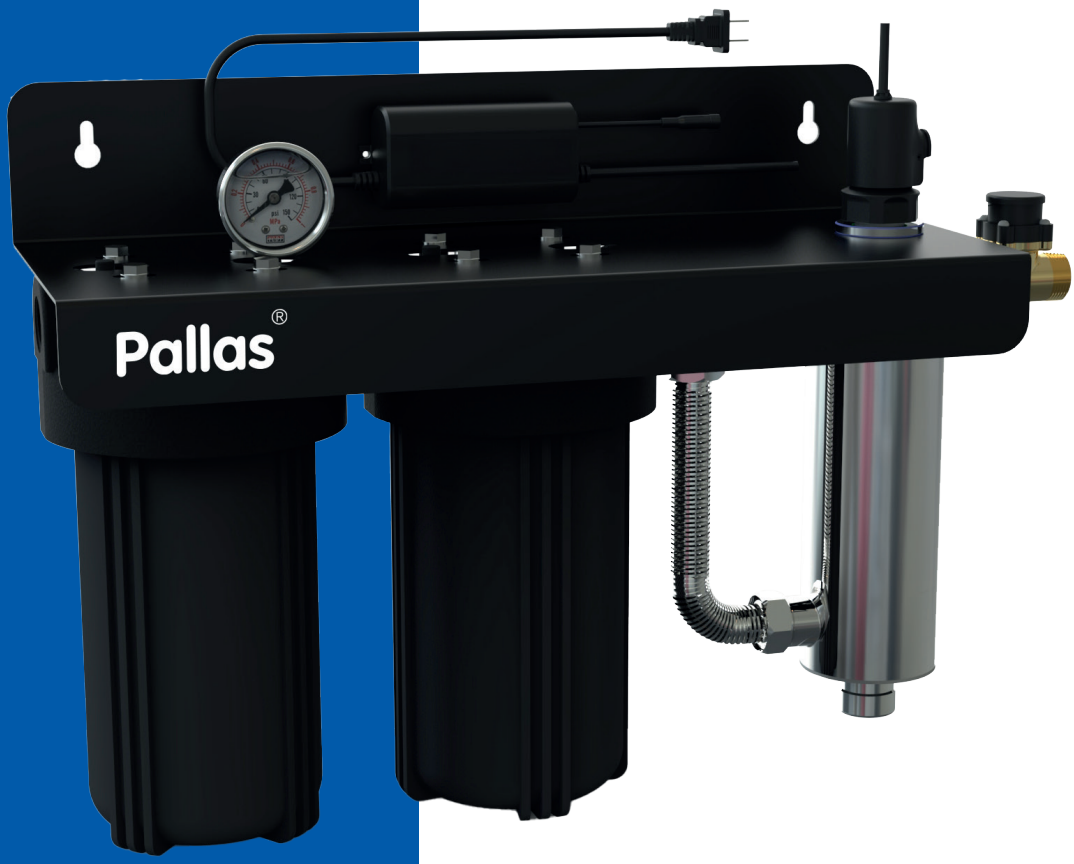
Pallas®
Pollet Water Group

Pallas Home UV

Clean & Safe Water

PRE-FILTRATION,
UV WATER PURIFIER



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Clean & Safe Water

As the demand for sustainable water solutions continues to grow, rainwater harvesting has emerged as an effective and eco-friendly way to supplement residential water needs.

However, untreated rainwater may contain impurities such as dirt, debris, and micro-organisms that can compromise its safety for household use.
To ensure the quality and safety of rainwater and well water, proper treatment systems are essential.

The **Pallas Home UV** is an integrated water purification system that effectively eliminates harmful impurities & microorganisms, providing **clean and safe water** for your home and family.

Delivers Pure, Safe & Clean water

The Pallas Home UV system provides water that's pure, safe, and clean, giving your family peace of mind with every drop.

High Filtration Water flow

The Pallas Home UV system maintains high water pressure while filtering out contaminants, ensuring an uninterrupted supply of purified water.

High output UV lamp

Equipped with a high-output UV lamp, the compact Pallas Home UV ensures maximum effectiveness in eliminating harmful microorganisms.

Uses ultraviolet rays to kill micro-organisms present in the water

The Pallas Home UV system harnesses the power of ultraviolet rays to neutralize bacteria, viruses, and other harmful microorganisms in your water.
UV disinfection is a natural non-chemical method of water treatment.

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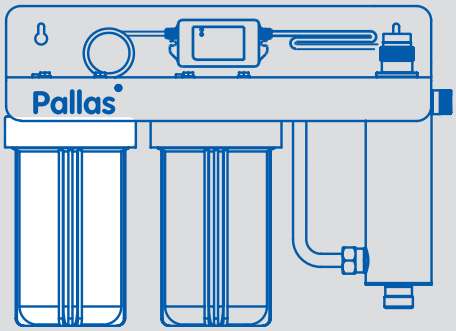
How does it works?

The **Pallas Home UV** all-in-one water purification system delivers water treatment in three stages - Filtration, adsorption and UV disinfection - to remove sediment, bacteria and other pathogens while improving taste, clarity and odour.

1

1ST STAGE FILTRATION

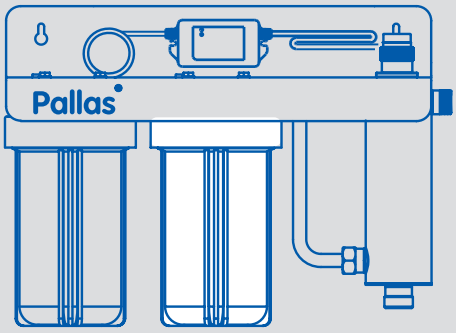
The sediment filter cartridge removes common impurities such as sand, silt, dirt & rust particles from the water.



2

2ND STAGE FILTRATION

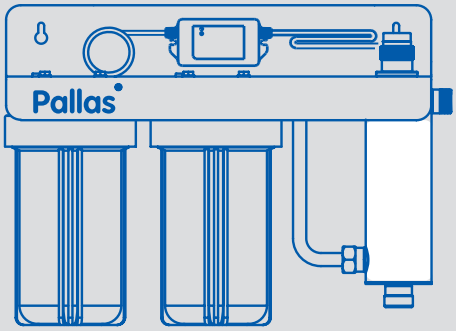
The carbon block filter cartridge adsorbs the chlorine, organic matter, odour, smell turbidity and suspending particles.



3

3RD STAGE UV WATER PURIFIER

The ultraviolet rays kill the present micro-organisms. This is a chemical-free process that destroys bacteria and other harmful pathogens in the water. No pathogen is known to be immune to UV Disinfection.



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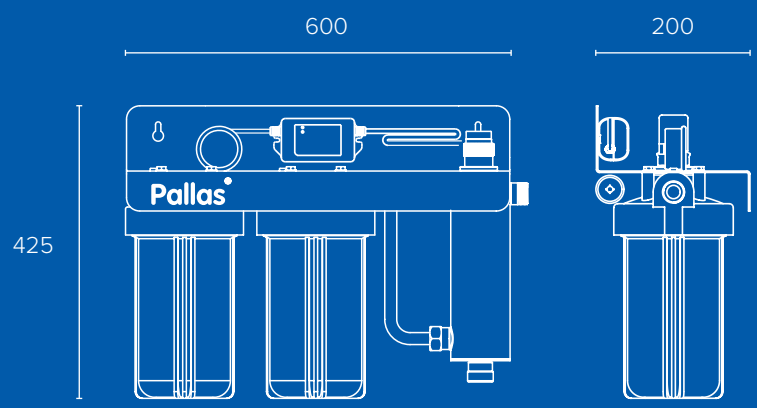

TECHNICAL SPECIFICATIONS

MODEL	PHUV33
Operating max pressure	7 bar
Ambient air temperature	2-50°C
Maximum humidity	95%
Maximum iron	0.3 ppm
Minimum UVT	75%
DIMENSIONS	
Width	600 mm
Height	425 mm
Depth	200 mm
FLOW RATES	
Maximum rated flow at dose of 16 mJ/cm^2	57LPM
Maximum rated flow at dose of 30 mJ/cm^2	30LPM
Maximum rated flow at dose of 40 mJ/cm^2	23LPM
ELECTRICAL	
Voltage	100-240V AC
Frequency	50/60Hz
Max. power consumption	43W
Lamp power	33W
OTHER	
UV Champer Material	SUS 304
Inlet/Outlet	1" inch
Rated service life of lamp	9000 hours
UV System Certification	CE

CE RoHS SGS