

Waterfilter.direct

Ultra-V-PRO specifications





GENERAL Information: 20 x 4.5 inch 3 stage filter system, with dual o-ring housing seals, 25mm brass inlet and outlet ports with compression seals, 60mm stainless steel pressure gauges, brass ports on pressure gauge connections, stainless steel construction and components, fully assembled and install ready (plug & play)

Ultra-V-PRO					Maximum Working Pressure
	Size	Pressure gauge	Seal		175 kpa > 550 kpa
Stage 1	20 x 4.5 inch	1000 kpa liquid filled 60mm stainless steel	Dual seal - top and bottom 147mm	Max Flow (LPM) ↓ 75	Capacity
Stage 2	20 x 4.5 inch	1000 kpa liquid filled 60mm stainless steel	Dual seal - top and bottom 147mm		Capacity is based on water quality and cartridge configuration
UV- Chamber	400mm long 100mm I.D		Dual seal - top and bottom 28 x 4mm		12 months/ 8000 hours

Ultra-V-PRO Connection Points					
	Size	Material	Seal		
Inlet Port	25mm	Brass	30mm O/D Rubber compression		
Outlet Port	25mm	Brass	30mm O/D Rubber compression		
Pressure gauge Port	9mm	Brass	PTFE		
UV	25mm M/I	Stainless Steel Dual polished	PTFE		Ballast 230v-30-40 watts 3 Pin plug Lamp current 0.8-0.9 A Alarm, light, counter status indicator

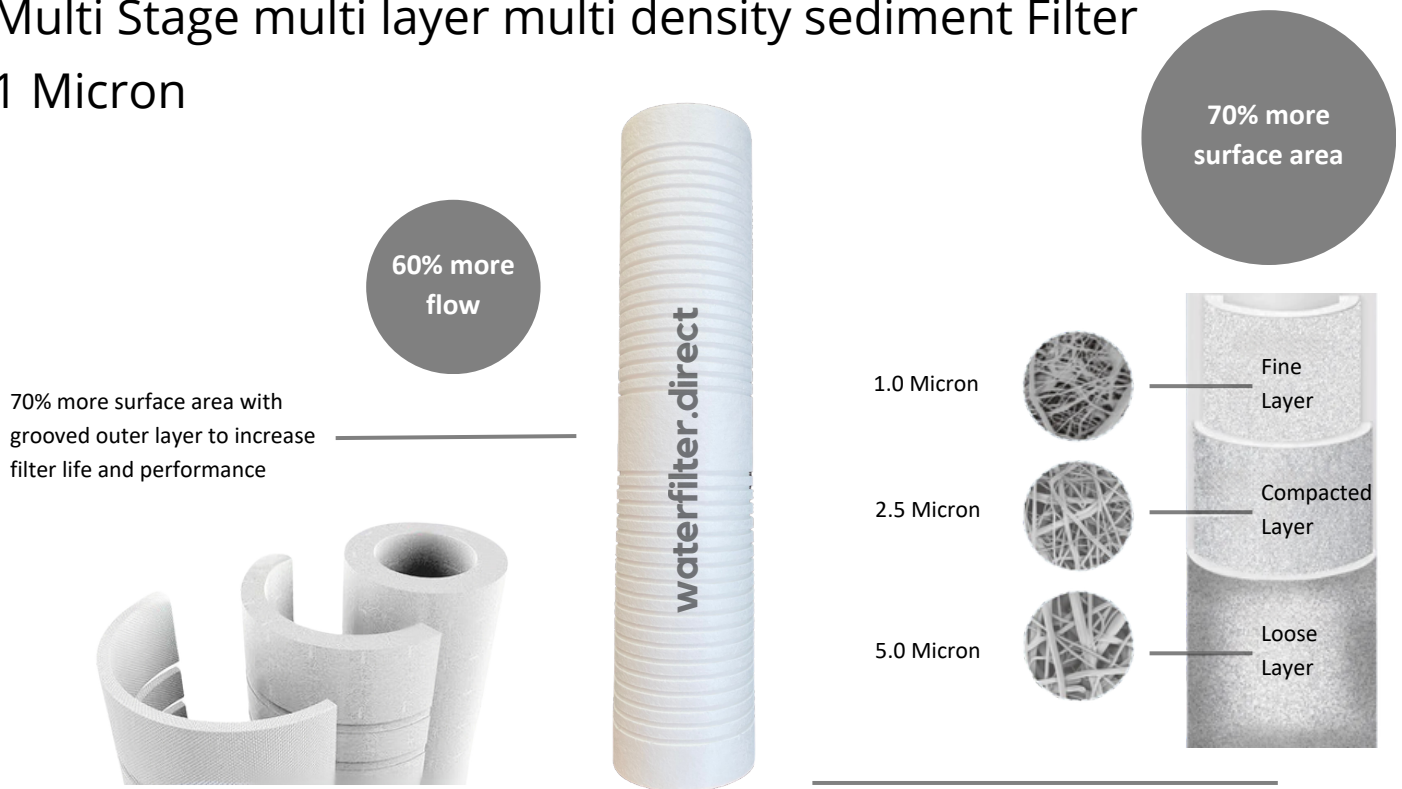
Ultra-V-PRO Construction					
	Size	Material	Design		
Bracket	2mm	304 Stainless Steel	Pressed, Rolled		
Frame	20mm SHS	304 Stainless Steel	Tig Welded		
Feet	20mm O/D 10mm High	Rubber	Tapered		
UV-Cylinder	400mm x 100mm	304 Stainless Steel	Dual polished inside and out		

Ultra-V-PRO Dimensions					Installation
	Without cover	With cover & feet	Fixing Holes		recommendations
Width	515mm	520mm	405mm		Pipe work / set apart 550mm C/L with K1-2-3-4 install kit
Hight	745mm	755mm	745mm + Feet >10mm		Recommended Fixings hight min @ 950mm FFL
Depth	205mm	205mm			
Weight		16kg with filters dry weight			

Ultra-V-PRO Stage 1

Multi Stage multi layer multi density sediment Filter

1 Micron



Stage 1: Ultra-V-PRO Sediment Filter (1 Micron)

(Available for mains water and rainwater applications)

Key Performance Features:

Enhanced Surface Area and Flow. Featuring a remarkable **70% increase** in surface area and **60% more flow** compared to standard filters, this filter ensures optimal performance while maintaining a consistent water flow.

Comprehensive Contaminant Removal: The Ultra-V-PRO Sediment Filter (1 Micron) extends its filtration prowess to reduce sediment, dirt, rust, algae, turbidity, and an array of particulate contaminants. It's a powerful shield against impurities, preparing your water for the next stage of filtration.

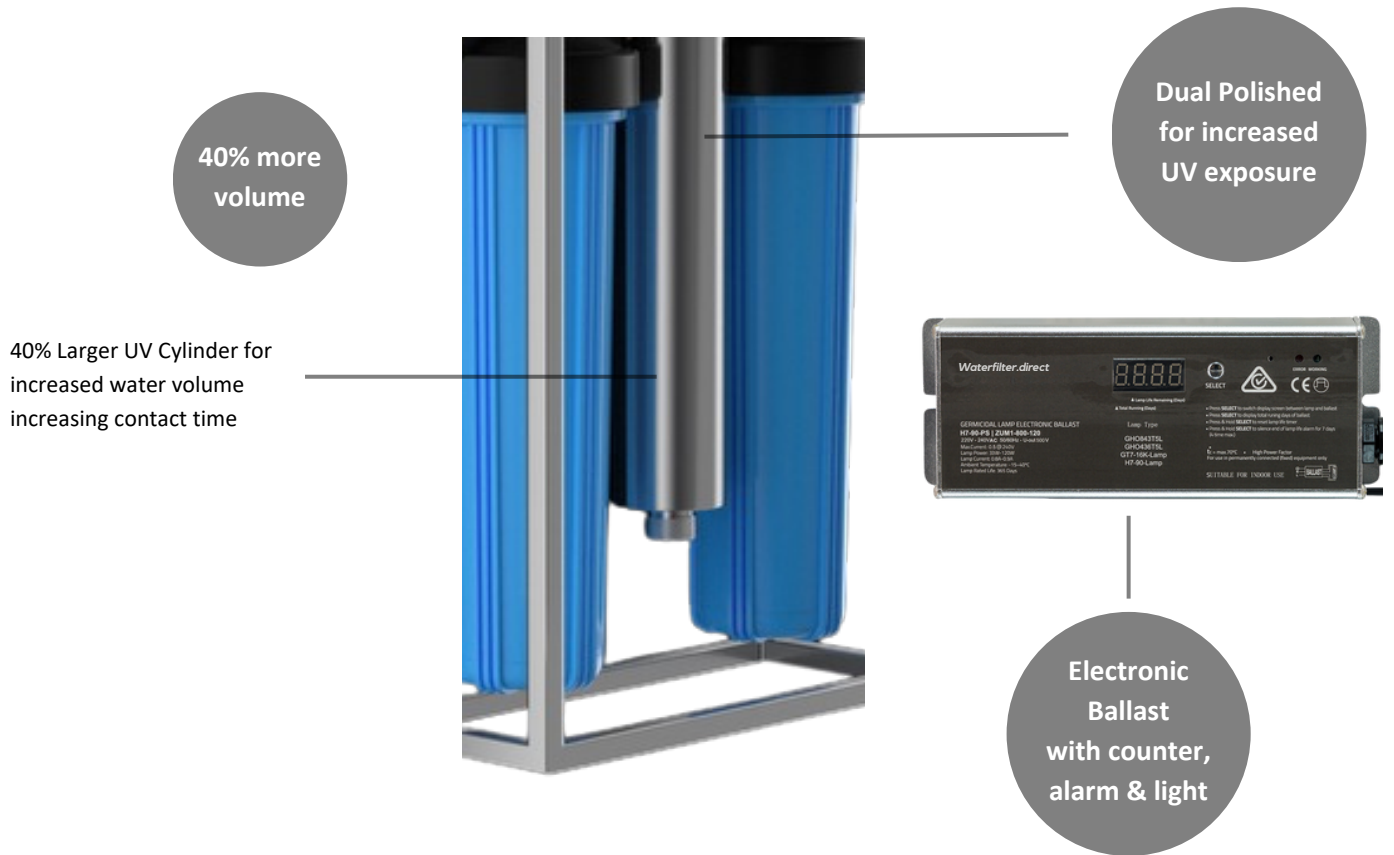
Nano Silver and Antibacterial Option: For **rainwater** applications, our innovative Nano Silver antibacterial design adds an extra layer of protection to your water. It inhibits bacterial growth, guaranteeing that your water remains clean, safe, and free from harmful microorganisms within the filter media.

Multi-Stage Filtration: This filter employs a multi-stage filter media that creates superior depth filtration. The graded density construction captures particles throughout the entire cross-section of the cartridge, ensuring that no impurity goes unnoticed.

Ideal for Varied Needs: Whether you're dealing with aggressive chemicals or have general filtration requirements that demand depth filtration, the Ultra-V-PRO Multi Stage Sediment Filter is the answer. It's versatile, dependable, and designed to meet a wide range of filtration challenges.

Elevate your water filtration experience with the Ultra-V-PRO Sediment Filter (1 Micron). As the first stage in our three-stage system, it ensures that your water is on its way to perfection.

Ultra-V-PRO Stage 2 Ultraviolet Light



Stage 2: Ultra-V-PRO Ultraviolet light protection

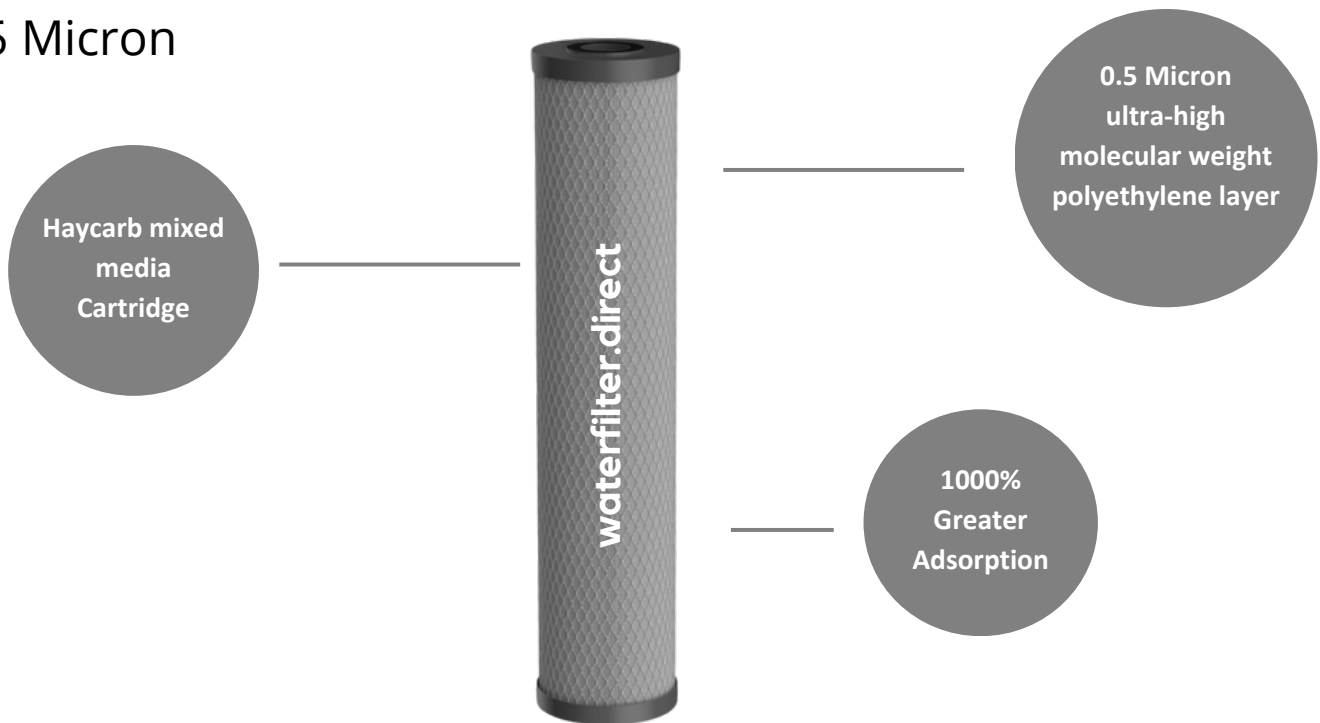
Unparalleled water sterilisation with the **Ultra-V-PRO's** cutting-edge UV technology. Engineered to perfection, this system features a **100mm I.D Dual Polished** Stainless Steel UV chamber, enhancing UV light effectiveness and extending UV contact time for superior performance.

Harnessing the power of ultraviolet light, the **Ultra-V-PRO** eradicates **99.99% of all bacteria**, ensuring your water is safe to drink. With its advanced sterilisation capabilities, this system provides unmatched performance, making it the ideal choice for rainwater applications.

Say farewell to harmful microorganisms as the **Ultra-V-PRO's** second stage filtration process **eliminates bacteria, viruses**, and other contaminants lurking in your water supply. With each drop passing through our meticulously polished UV chamber, you can trust that your water is thoroughly sterilised.

Equipped with an electronic ballast featuring a **countdown LED timer** display, monitoring your UV sterilisation process is effortless. Stay informed at a glance, knowing precisely when maintenance or replacement is required. Plus, with the added **alarm and light feature**, you'll receive timely alerts to ensure continuous sterilisation performance.

Ultra-V-PRO Stage 3 Multi Stage Activated / Coconut Carbon 0.5 Micron



Stage 3: Ultra-V-PRO Multi Stage Activated / Coconut Carbon Filter 0.5 Micron

Setting the Bar for Sustainability and Performance

As we reach the final stage of our advanced three-stage filtration system, the Ultra-V-PRO Multi Stage Activated / Coconut Carbon Filter stands as a testament to both sustainability and unmatched performance. This German-designed and manufactured hybrid filter system brings together cutting-edge technologies from industry leaders Haycarb and Celanese to create the most environmentally conscious and effective filter media available.

Key Features:

Activated Powerhouse: This filter system integrates 100% renewable Powdered Activated / Coconut Carbon (PAC) from Haycarb with ultra-high molecular weight polyethylene (UHMWPE) components from Celanese. The result is a activated filtration powerhouse that far surpasses industry standards.

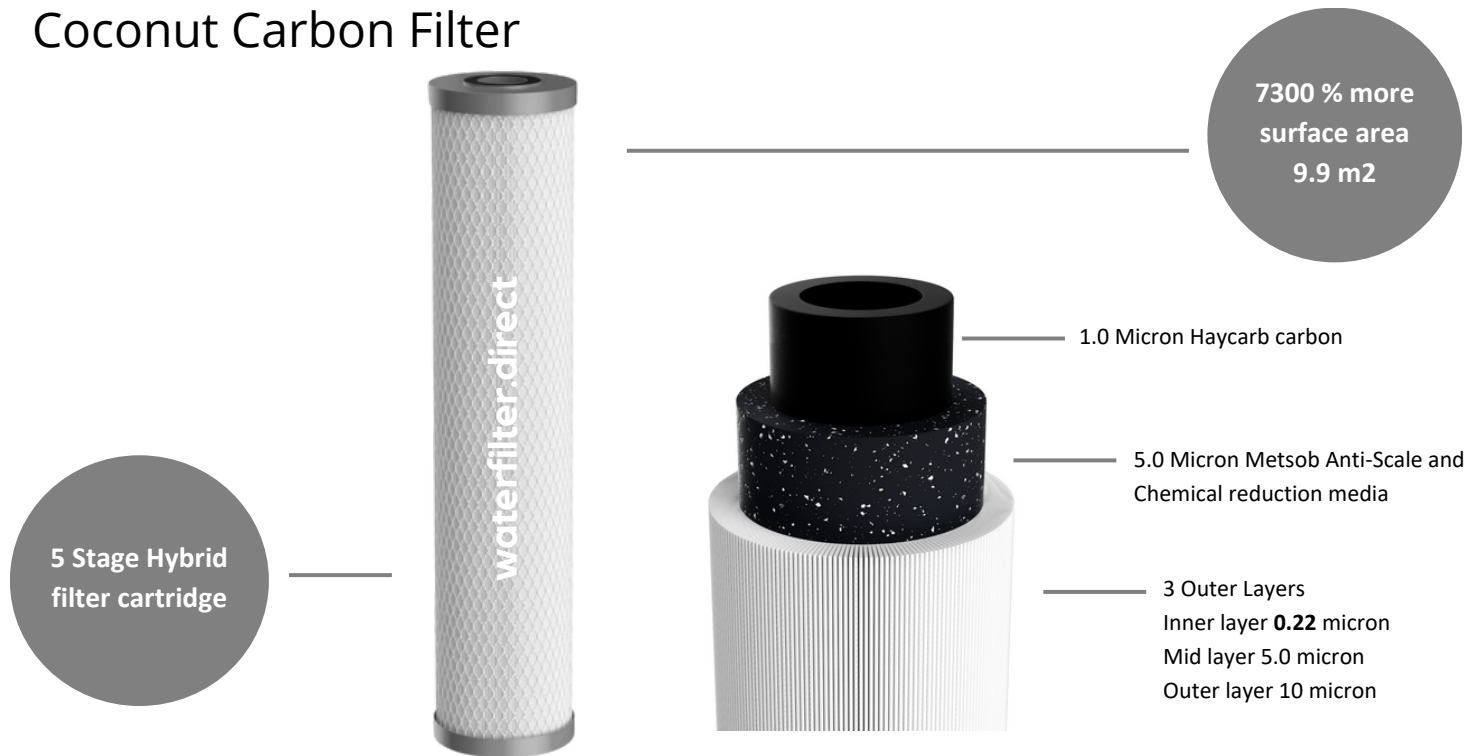
Exceptional Absorption: With a staggering 1000% greater absorption rate compared to traditional Granular Activated Carbon (GAC) media, this filter ensures that even the tiniest impurities (0.5micron) are captured and removed, leaving your water exceptionally pure.

Ample Surface Area: Featuring 70% more surface area than standard Activated Carbon (PAC), this filter maximises contact time with contaminants. Each gram of this filter media boasts a phenomenal 2000 square meters of surface area.

Global Adoption: This filter media has garnered widespread acclaim throughout Europe and parts of the USA, setting new industry benchmarks for sustainability and performance.

Experience the pinnacle of filtration technology with the Ultra-V-PRO Multi Stage Activated /Coconut Carbon Filter. As the third and final stage in our system, it exemplifies our commitment to sustainability and purity.

Ultra-V-PRO Stage 3 Advanced **Option** Hydro-Flow **0.22** Advanced Multi-Stage Double Activated Coconut Carbon Filter



Advanced Surface Enhancement: The hero of our Hydro-Flow 0.22 Multi-Stage Activated/Coconut Carbon Filter lies in its innovative design, boasting an impressive **7300 % increase** in outer surface area compared to standard cartridges. Crafted with precision in Japan, the outer layer consists of three layers of high performance material configured in a mini pleated design. This configuration not only maximises surface area but also serves to protect our dual-layer carbon system. Speaking of which, the dual-layer carbon system comprises an outer 5-micron layer and finishes with high performance 1.0 micron finishing carbon. This meticulous design ensures thorough filtration, leaving your water exceptionally pure.

Activated Powerhouse: Our filter system harnesses the full potential of 100% renewable Powdered Activated/Coconut Carbon (PAC) sourced from Haycarb, combined with the world's most advanced 3 stage outer layer . This synergy results in an activated filtration powerhouse that surpasses industry standards with ease.

Exceptional Adsorption: With an astounding adsorption rate 1000% higher than traditional Granular Activated Carbon (GAC) media, our filter ensures the capture and removal of even the smallest impurities (**0.22 micron**), leaving your water exceptionally pure **removing parasites, diseases and viruses**.

















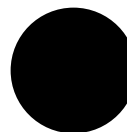




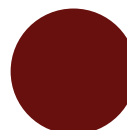
Global Recognition: Our filter media has earned widespread acclaim across Europe and parts of the USA, setting new industry benchmarks for sustainability and performance.

Experience the pinnacle of filtration technology with the Hydro-Flow 0.22 Multi-Stage Activated/Coconut Carbon Filter. As the third and final stage in our system, it exemplifies our unwavering commitment to sustainability and purity.

Ultra-V-PRO-AR

Unlimited possibilities with our **(AR) Architectural Range**, designed to elevate your home with **high-end finishes** that effortlessly harmonise with your surroundings. Crafted with unwavering commitment to industry excellence, the **Ultra-V-PRO** Architectural Range redefines standards. Meticulously constructed from 304 **Stainless Steel**, it ascends the benchmark by offering an impressive array of **30 distinct color options** and finishes.




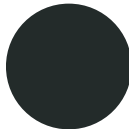
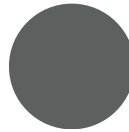

Classic finish

					
Dover White™ Classic finish SA = 0.28	Surfmist® Classic finish SA = 0.33	Evening Haze® Classic finish SA = 0.43			
					
Southerly® Classic finish SA = 0.40	Dune® Classic finish SA = 0.48	Paperbark® Classic finish SA = 0.43	Classic Cream™ Classic finish SA = 0.33		
					
Shale Grey™ Classic finish SA = 0.44	Bluegum® Classic finish SA = 0.57	Windspray® Classic finish SA = 0.60	Gully® Classic finish SA = 0.64	Jasper® Classic finish SA = 0.67	
					
Wallaby® Classic finish SA = 0.64	Basalt® Classic finish SA = 0.67	Woodland Grey® Classic finish SA = 0.70	Monument® Classic finish SA = 0.73	Night Sky® Classic finish SA = 0.95	
					
Ironstone® Classic finish SA = 0.73	Deep Ocean® Classic finish SA = 0.74	Cottage Green® Classic finish SA = 0.73	Pale Eucalypt® Classic finish SA = 0.60	Manor Red® Classic finish SA = 0.70	

COLORBOND® CORE COLOURS

With 22 pale, mid and deep toned COLORBOND® steel core colours, and six colours also available in a premium Matt finish, you can enjoy the process of discovering the perfect colour scheme and design palette for your dream home.

Matt finish

		
Bluegum® Matt finish SA = 0.59	Shale Grey™ Matt finish SA = 0.46	Surfmist® Matt finish SA = 0.35
		
Monument® Matt finish SA = 0.79	Basalt® Matt finish SA = 0.71	Dune® Matt finish SA = 0.48

Ultra-V-PRO-AR

endless possibilities

The Newly Designed 3-Stage Heavy Duty Ultra-V-PRO Filter System:

Offers a perfect solution for a POE filter system for rainwater applications, with hi-flow rates (75 lpm) and extended filter life (400kl) the Ultra-V-PRO filter system is more than capable of servicing your entire home filtering down to 0.22 micron.

Effortless Replacement:

Say goodbye to the hassle of complicated filter replacements. The Ultra-V-PRO offers a dual O-ring seal mitigating the risk of leaks and pinched o-rings on filter replacements.

Trouble-Free Installation:

Designed with simplicity in mind, installation becomes a stress-free experience. Our system comes fully assembled with a plug and play style installation.

Compact and Space-Saving:

The most compact design in its class, the Ultra-V-PRO offers a solution when space is limited but still maintains full size 20 x 4.5 inch filters, offering twice the capacity promoting extended filter life and performance.

Ultra-V-PRO Filter Kit Options

STD Rainwater: **2045-SRFK** (most popular)

AB Rainwater: **2045-ABR-FK**

Standard Mains/Town: **2045-VP-FK**

Anti-Scale: **2045-AS-VP-FK**

Advanced Filtration: **2045-HAS-M-FK** (most popular)

Installation Kits: *Everything you need in one box to install your Ultra-V-PRO like a PRO.*

K1: Includes 23 components

K2: Includes 26 components

K3: Includes 26 components

K4: Includes 28 components

SYSTEM INCLUDES:

- INCLUDES:
- 3 Stage UV Water Filter System
- Stainless Steel integrated bracket and frame
- Stainless Steel Cover
- Cartridge spanner
- 60mm stainless steel gauges x 2
- Cartridges Life:
- 2 Stage cartridge 12-18 months
- 200,000 > 400,000L
- UV globe 12-18 months
- Operating Parameters:
- Feed Pressure 135 kpa - 550 kpa
- Temperature 4 - 35°C
- 5 year warranty on filter system
- 1 year on ballast

Warranty

The Ultra-V-PRO comes standard with a 5 year replacement warranty, the system must be registered on the waterfilter.direct website following installation. Systems not registered are Limited to a one year warranty. The product warranty covers manufacturing defects. Waterfilter.direct are not responsible for poor installation leading to product failure. We recommend using an authorised distributor or licenced plumber.

Note **Caution:**

This water filtration media is not suitable for use with water that is microbiologically unsafe or water of unknown quality without adequate water testing. Ensure your water source meets safety standards.

Warning:

To prevent property damage from water leaks, please follow these guidelines:

1. Read and follow the installation instructions carefully before installing this product.
2. Test water pressure before installation and consider using a pressure limiting valve when pressure exceeds 550kpa, which can cause leaks or damage.
3. Replace filter cartridges based on recommended lifespan or sooner if you notice a significant reduction in water flow.

Filter Activation:

Prior to using the filter, flush for 5-10 minutes at full flow (Hose tap) to ensure optimal performance and water quality.

Professional Assistance:

Please consult with your waterfilter.direct distributor or a licensed plumber for system installation or filter changes.

The filter media configuration may change at any point without notice.

All systems come equipped with the best outcome in mind based on installation location and water quality.

Water Filter Direct continue to improve product performance and design.

Please consult with a Authorised Water Filter Direct consultant for the correct filter solution and cartridge configuration for your application.

Call: 1300 075 662



WaterMark Australian Standard 030064 / AS3497