



Quality Tools for Smart Cleaning

HydroPower RO

The next generation in pure water technology



HYDRO POWER





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SMART DESIGN MEETS HIGH PERFORMANCE



When it comes to designing groundbreaking solutions for safe and efficient cleaning, **UNGER** is always at the forefront of innovation. Meet our latest development – the **HydroPower RO pure water Filter**.

This compact yet powerful mobile filter is super simple to maintain with fast and easy change of key components - without any tools.

SMART ASSISTANCE MEETS EASY MAINTENANCE

The new **HydroPower RO** unites advanced intelligent technology, automation and user-friendly features, so you can concentrate what matters – doing a great job!

While you work, our unique electronic assistant, **RO SMART-GUARD** will keep watch over filter's performance and let you know if anything needs urgent attention or service.



The **UNGER HydroPower RO** utilizes 3 stage water purification system.

First, Carbon-Pre-filter captures chlorine and sediments from the incoming water, then the water is directed towards 2 RO membranes which remove up to 98% of dissolved minerals and contaminants.

At this point, the water flow is split into waste water (concentrate) that requires drainage facility and pure water which is directed to DI Polisher where any remaining impurities are filtered by ion exchange resin to produce 100% pure water.

5 REASONS TO CHOOSE HYDRO POWER RO

This handful of cutting-edge features can make a huge difference to anyone who cleans with pure water.

- 1 Maximum performance***
With pure water output of up to 400 litres per hour, the HydroPower RO is designed to be used by 1, 2 or 3 operators simultaneously.
- 2 Innovative RO SMARTGUARD Monitoring System**
Our intelligent assistant technology eliminates guesswork from managing your filter performance and maintenance.
- 3 Self-maintenance technology**
Automatic flush function before and after every use helps to prevent scaling and pollution of the RO membrane, prolonging its lifetime and reducing running costs.
- 4 Compact and robust design**
With its smart, contemporary look and high quality workmanship, the HydroPower RO is built to last. Made in Germany.
- 5 Ultra fast & easy care**
User-friendly FastLock opening mechanism speeds up replacement of filters cartridges by up to 30 times.

*at 18°C water temperature, 4 bar water pressure, unrestricted by external hose

1 MAXIMUM PERFORMANCE

The **UNGER HydroPower RO** marks a new level of innovation in pure water cleaning; its practical features offer real value to professional window cleaners.

- 2 x RO membranes deliver impressive pure water output: up to 400 L/hr
- Powerful enough for 3 operators to work simultaneously
- Adjustable flow rate allows to optimise filter performance to specific job requirements, extending lifetime of RO membrane and ion exchange resin
- Quiet operation thanks to the latest pump technology

HydroPower RO

Efficiency meets intelligence

2 INNOVATIVE RO SMARTGUARD MONITORING SYSTEM

The **RO SMARTGUARD** system continuously tracks performance of all filter components, alerting you of any changes to optimal efficiency. Keeping the filter in check at all times, the **RO SMARTGUARD** gives you the freedom to fully focus on your work.

- Continuous visual and numeric reporting of individual performance of Carbon Pre-filter, RO membranes and DI polisher for complete control over outgoing water quality and flow rate for effective cleaning
- Sound alarm when outgoing water is registered at above 0 ppm

- Automated notifications to order or replace parts for timely maintenance and uninterrupted workflow
- Colour LCD display with background illumination
- 6 user-selectable languages
- USB port for software updates



SYSTEM CONTROL



OPERATION MODE "GREEN"



OPERATION MODE "YELLOW"



OPERATION MODE "RED"

3 SELF-MAINTENANCE TECHNOLOGY

- On the start-up the flow of highly concentrated water from membrane is directed to waste water outlet, automatically bypassing resin filter for 1 minute to extend resin longevity
- Automatic flushing of RO membrane during the shutdown extends its lifespan and improves efficiency
- Built in protection against system malfunction from insufficient water flow or pressure
- High quality components ensure long service life **"Made in Germany"**



START UP ASSISTANT



SHUT DOWN ASSISTANT



WARNINGS



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4 COMPACT AND ROBUST DESIGN

- Filter unit made of premium quality thermoplastic to protect the filter from accidental damage
- Durable metal quick-release connectors, designed to eliminate leaks or drips
- Heavy duty stainless steel frame with maintenance free solid rubber wheels
- Ultra solid pressure housings protect filter components

5 ULTRA FAST & EASY CARE

- FastLock opening makes easy job of changing filter cartridges in seconds (up to 30 times faster*) – simply pull up by the lid and twist to unlock!
- Fast and effortless water drainage and application of RO membrane protection liquid



*compared to standard RO systems (e.g. UNGER R030G)

HYDRO POWER



Engineered and manufactured
in Germany to the highest quality
standards.



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Product Overview



UNGER HYDRO POWER RO FILTER

Part No.	Info
R040C	HydroPower RO Filter, 107 x 53 x 70 cm, 75 kg

For more information about pure water: www.ungerglobal.com/ro

All prices are recommended retail prices, excluding VAT.
The general terms of delivery and payment of UNGER UK Ltd. apply. No responsibility accepted for accuracy; subject to change without notice.

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