

B PURE WATER FILTERS

HYDRO POWER® RO L

**HYDRO
POWER®**
SYSTEM L



MADE IN
GERMANY

FIVE SMART REASONS FOR HYDRO POWER® RO L

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 filter cartridges by up to 30 times.

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

REVERSE OSMOSIS FILTER (RO)

HydroPower® RO L

The next generation in pure water technology

Smart assistance meets easy maintenance

The **HydroPower® RO L** 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 SMARTGUARD** will keep watch over filter's performance and let you know if anything needs urgent attention or service.

The filter components can be changed quickly and easily - without tools.

RO SMARTGUARD

- watches over filter's performance

DOUBLE MEMBRANE

- very high water output, up to 400 l/hour*

COMBI PRE-FILTER SEDIMENT & CHLORINE

- to protect both membranes

RESIN FILTER FOR POLISHING

- 100 % pure water production

3 METAL CONNECTORS

- for 3 operators to work simultaneously

HIGH POWER PUMP

- supports the high water flow



CE certified

HydroPower® RO L

Part No.	Product	Pack
RO40C	Mobile RO-Filter	1

REVERSE OSMOSIS FILTER



	HydroPower® RO S (RO20C)	HydroPower® RO M (RO35C)	HydroPower® RO L (RO40C)	HiFlo RO Glass facades (RO60C)	HiFlo RO Solar (RO60S)	HydroPower® RO XXL (TRLR1)
Main features	• Compact design	• High performance • Easy operation	• Maximum performance • Digital assistance system • Automatic maintenance function	• High performance RO filter • High pure water production for large glass surfaces	• High performance RO filter • High pure water production for PV & solar systems	• Trailer system for production and transport of pure water • 650 l pure water tank
Water output power* up to	180 l/h Boost mode: 1,000 l/h	350 l/h	400 l/h	700 l/h	750 l/h	2 x 125 l/h
Water outlets	1	2	3	1	1	2
Pump performance	0,6 kW	0,6 kW	0,75 kW	1,1 kW	1,1 kW	3 x 0,1 kW
Protection class electric pump	IP54	IP54	IP54	IP54	IP54	IP54
Inlet pressure [bar]	1 – 6	1 – 6	1 – 6	1 – 6	1 – 6	1 – 6
Max. operating pressure [bar]	10	10	10	10	10	10
Pump dry run protection	✓	✓	✓	✓	✓	✓
Pure water flow meter	analogue	analogue	digital	analogue	analogue	-
Pre-filter	Combination filter Chlorine/Sediments (ROCA2)	Combination filter Chlorine/Sediments (ROCAR)	Combination filter Chlorine/Sediments (ROCAR)	Combination filter Chlorine/Sediments (17509)	1: Sediment filter (17521) 2: Chlorine filter (17919)	Chlorine filter (19080)
Membranes	1 (ROME2)	2 (ROMEM)	2 (ROMEM)	2 (17189)	2 (17189)	1 (19076)
Resin filter	Cartridge (RORE2)	Cartridge (RORES)	Cartridge (RORES)	Cartridge large (17201)	-	Resin bag (DIB64/DIB84)
TDS Sensors	at the water outlet	after membranes at the water outlet	after pre-filter after membranes at the water outlet	after membranes at the water outlet	after chlorine filter at the water outlet	at the water outlet
Dimensions in cm (Height x Width x Depth)	96 x 53 x 67	107 x 53 x 70	107 x 53 x 70	123 x 75 x 51	123 x 75 x 51	175 x 160 x 350
Empty weight in kg	45	75	75	83	83	740
Weight including filling	50	80	80	89	89	1.390
Cable length in m	1,5	1,5	1,5	1,5	1,5	1.6 (charger)
Battery power	-	-	-	-	-	12 V – 210 Ah

*At 18 °C water temperature, 4 bar water pressure and connected outlet hose with 1/2" inner diameter without counterpressure at the water outlet.

i The amount of produced pure water per hour depends on several factors:

1. Water Temperature - the warmer the water, as more pure water can be produced.
2. Hose diameter - the bigger the hose diameter, the higher the waterflow is.
3. Hose length - the longer the hose, the less the waterflow is.

ACCESSORIES



TDS-METER

Handheld Total Dissolved Solids (TDS) meter for measuring water hardness.
 - Measures water hardness instantly in ppm (parts per million).
 - Battery powered
 - Includes protective leather pouch

Part No.	Pack
ROTDS	1



SOAP DISPENSER

For adding cleaning liquid to pure water flow, after passing through the filter unit.
 - Perfect to lifting stubborn dirt and greasy residue from heavily soiled surfaces
 - Simple connection to standard garden hose
 - Easy to refill and adjust concentration

Part No.	Pack
HCDEU	1