

# HIFLO RO SOLAR



## REVERSE OSMOSIS FILTER (RO)

### HiFlo RO Solar Reverse osmosis filter with high pure water production for large areas

- Perfect for cleaning of **solar panels** – more water on the panel, better rinsing and cleaning
- Ideal for two workers with no loss of water capacity or one worker with increased performance
- Ideal for tank filling
- Carbon filter lasts app. 200.000 l at 2 ppm chlorine
- Built in TDS meter monitors water quality
- Automatic pump control with dry run protection for added safety
- High quality, corrosion-resistant stainless steel frame

#### DOUBLE MEMBRANE

- extended water output, approx. 750l/hour

#### LARGE CARBON PRE-FILTER

- to save membranes from chlorine

#### LARGE SEDIMENT PRE-FILTER

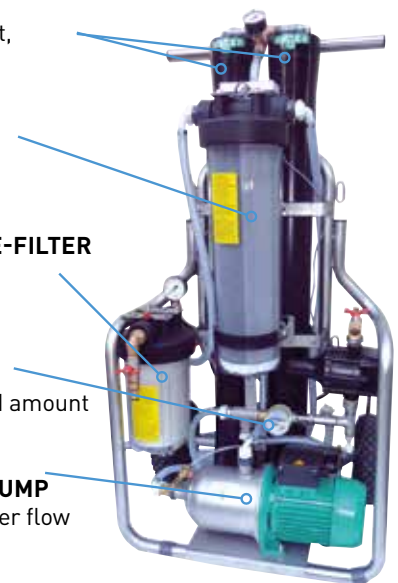
- to protect both membranes

#### PURE WATER FLOW METRE

- Displays the produced amount of pure water

#### EXTRA HIGH POWER PUMP

- supports the high water flow



#### HiFlo RO SOLAR

Part No.	Pack
RO60S	1

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

# REVERSE OSMOSIS FILTER



	<b>HydroPower® RO S</b> (RO20C)	<b>HydroPower® RO M</b> (RO35C)	<b>HydroPower® RO L</b> (RO40C)	<b>HiFlo RO Glass facades</b> (RO60C)	<b>HiFlo RO Solar</b> (RO60S)	<b>HydroPower® RO XXL</b> (TRLR1)
<b>Main features</b>	• 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

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**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