

HYDRO POWER® ULTRA FILTER



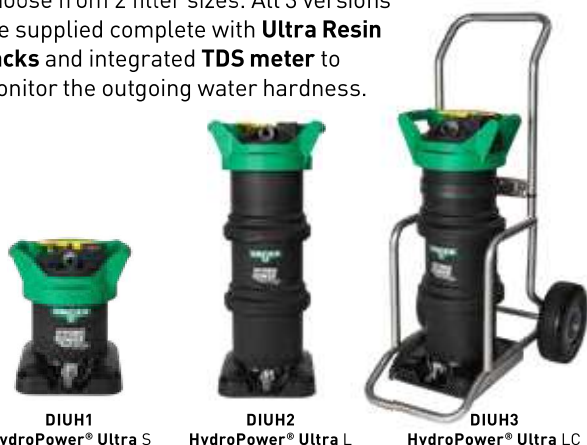
Quality Tools for Smart Cleaning

THE HYDRO POWER® ULTRA SYSTEM

The Most Efficient DI Pure Water System Ever!

The **UNGER HydroPower® Ultra** is setting a new standard in deionising filter technology for pure water cleaning. A definite value-add for every professional glass and building cleaner.

Choose from 2 filter sizes. All 3 versions are supplied complete with **Ultra Resin Packs** and integrated **TDS meter** to monitor the outgoing water hardness.



DIUH1 HydroPower® Ultra S DIUH2 HydroPower® Ultra L DIUH3 HydroPower® Ultra LC

OVER 30 %* MORE PURE WATER PER RESIN FILLING

- Every Ultra resin pack contains a pre-portioned amount of **UNGER** premium ion-exchange resin with a **new formula, perfected for glass cleaning**
- The **FloWater technology 2.0** in every Ultra resin pack ensures an efficient flow of water through the whole tank which optimises the **resin saturation**
- Intuitive colour coded system + KeyLock function eliminates risk of operating errors



FASTLOCK QUICK-FIT FASTENER

- Easy to open and close the tank
- Safe, self-locking mechanism with pressure-relief valve



TDS-METER

- Integrated digital measuring device displays the water hardness of the pure water coming out in ppm



ULTRA RESIN PACKS

- Can be changed as easily as a coffee pad in a coffee machine



HIGH-QUALITY METAL CONNECTIONS

- Stable quick-fit metal hose connector. Practical shut-off valve
- Reliable quick release connectors for hoses



FILTER OUTPUT

In particular the water hardness and the hydrogen carbonate content of the input water have a strong influence on the amount of pure water. The following values correspond to the output of **UNGER HydroPower® Ultra** with *average tap water*:

HydroPower Ultra S (DIUH1)	
Factor	Value
Resin fill	1 × 6 l
Pure water quantity per resin filling	710 l
Working hours*	approx. 6 h
Coverage in m² **	approx. 600 m²

HydroPower Ultra L (DIUH2)	
Factor	Value
Resin fill	3 × 6 l
Pure water quantity per resin filling	2.450 l
Working hours*	approx. 20 h
Coverage in m² **	approx. 2.000 m²

HydroPower Ultra LC (DIUH3)	
Factor	Value
Resin fill	3 × 6 l
Pure water quantity per resin filling	2.450 l
Working hours*	approx. 20 h
Coverage in m² **	approx. 2.000 m²

The pure water quantities (TDS < 10 ppm) were determined by an independent test laboratory at a water flow rate of 180 l/h and under the following conditions for the input water:

TDS: 275 ppm

Sum of cations and anions: 5,5 meq/l

Hydrogen carbonate content of anions: 60%.

With *soft water* (<100 ppm) the pure water output can increase **more than 3 times**. With very hard water (>400 ppm), depending on the hydrogen carbonate content and ion concentration, the output can **decrease by more than half**.

* at a water flow rate of 120 l/h

** with an area output of 100 m²/h

HydroPower® Ultra FILTER

Part No.	Base	Height	Resin Packs	Cart
DIUH1	30 × 31 cm	35 cm	1 (6 l)	–
DIUH2	30 × 31 cm	77 cm	3 (18 l)	–
DIUH3	30 × 31 cm	107 cm	3 (18 l)	✓



**CLEANING WITH THE
HYDRO POWER ULTRA**



*In comparison with standard DI systems [e.g. **UNGER HydroPower® DI** filters]. Source: test results from the independent testing laboratory Miontec GmbH, 2019.

A PURE WATER FILTERS

ION EXCHANGE RESIN

i RESIN CHANGE

The conductivity measurement is used to monitor water quality. If a conductivity measurement (integrated TDS-metre) indicates a value of > 10 ppm, the resin must be replaced.

Ultra RESIN PACKS FOR HYDRO POWER® ULTRA FILTER

Over 30 %* more pure water per resin filling



Ultra RESIN PACKS

Part No.	Info	Pack
DIUB1	3 x Ultra Resin Packs (18 l) for DIUH1, DIUK1	1
DIUBS	1 x Ultra Resin Pack (6 l) for DIUH1, DIUK1	1
DIUB3	Kit with 3 Ultra Resin Packs (18 l) for DIUH2, DIUH3	1

Every Ultra resin pack contains a pre-portioned amount of **UNGER** premium ion-exchange resin with a **new formula, perfected for glass cleaning**

The **FloWater technology 2.0** in every Ultra resin pack ensures an efficient flow of water through the whole tank which optimises the **resin saturation**



QuickChange RESIN BAGS FOR HYDRO POWER® DI FILTER

High comfort



QuickChange RESIN BAGS 6 L

Part No.	Info	Pack
DIB64	4 bags (24 l) in air tight bucket	1
DIB84	4 bags (24 l) in air tight bag	1

The **QuickChange** Resin Bags offer fast and easy resin replacement on the spot with minimal mess - anytime and anywhere!



PREMIUM GRADE VIRGIN MIXED BED RESIN

High capacity virgin mixed bed ion exchange resin for total de-ionisation and purification of water. Immediately produces 100 % pure water for streak free glass cleaning.



Consisting of a mixture of a gel, type I strong basic anion exchanger, and a gel, strong acid-cation resin, for the direct demineralization of water. 40 % cation, 60 % anion, pH range 0-14.

Suitable for use in:

- Refillable DI cartridges
- DI pressure vessels
- Filters for Pure Water Window Cleaning

PREMIUM GRADE VIRGIN MIXED BED RESIN

Part No.	Product	Pack
DIP25	Bucket 25 l	1
DIB25	Bag 25 l	1

*In comparison with standard DI systems (e.g. **UNGER HydroPower® DI** filters). Source: test results from the independent testing laboratory Miontec GmbH, 2019.

HYDRO POWER® KITS



HydroPower® Ultra KITS	STARTER KIT POWER PAD	STARTER KIT ALU	STARTER KIT CARBON	EXPERT KIT L	EXPERT KIT LC
Part No.	DINK0	DIUK1	DINK1	DINK2	DINK3
HydroPower® Ultra Filter	DIUH1 (S)	DIUH1 (S)	DIUH1 (S)	DIUH2 (L)	DIUH3 (LC)
nLITE® Telescopic Pole	ED600 OptiLoc, 3 sections, 6m	AN60G Aluminium Master 6 m	CC60T Carbon Composite 6 m	CF86G Carbon 24K, 8,60 m	CF86G Carbon 24K, 8,60 m
nLITE® Angle adapter		NGC15 S (15 cm)	NGS15 S (15 cm)	NGS15 S (15 cm)	NGS30 M (42 cm)
nLITE® Brush	PWH35 PowerPad 35cm	NFF28 Power, 28 cm, flagged	NFK28 Power, cpl. 28 cm, flagged	NFK28 Power, cpl. 28 cm, flagged	NFR28 Angle Brush, 28 cm, flagged
nLITE® Hose	DLS25 Duro Flex 25 m	DLS25 Duro Flex 25 m	DLS25 Duro Flex 25 m	DLS25 Duro Flex 25 m	DLS25 Duro Flex 25 m
Accessories	NLWVI: Water flow regulator 10790: 2x Hooks&Loops strips				
Pack	1	1	1	1	1
	Length 6,00m/20ft	Length 6,00m/20ft	Length 6,00m/20ft	Length 8,60m/28ft	Length 8,60m/28ft



HydroPower® RO KITS	RO S COMPLETE KIT CARBON 24K	RO M HIGH RISE KIT HiMod	RO M SKY RISE KIT Ultra HiMod
Part No.	RONK1	RONK2	RONK3
HydroPower® RO Filter	R020C (RO S)	R035C (RO M)	R035C (RO M)
nLITE® Telescopic Main Pole	CF86G Carbon 24K 8,60m	UC67G nLite Connect HiMod 6,60m	UH67G nLite Connect Ultra HiMod 6,60m
nLITE® Extension Pole	CF33G Carbon 24K 3,20m	2x UC35G nLite Connect HiMod 3,40m	4x UH35G nLite Connect Ultra HiMod 3,40m
Accessories	NLHCC Extensionadapter		
nLITE® Angle adapter	NGS30 (M) 42 cm	NGC30 (M) 42 cm	NGC30 (M) 42 cm
nLITE® Brush	NFK41 Power, 41 cm, flagged	NFK41 Power 41 cm, flagged	NUR41 Angle brush 41 cm, unflagged
nLITE® Hose	DLH25 Duro Flex High Performance 25 m	DLH25 Duro Flex High Performance 25 m	DLH25 Duro Flex High Performance 25 m
Pack	1	1	1
	Length 11,90m/39ft	Length 13,40m/44ft	Length 20m/72ft



**WHICH PURE WATER FILTER IS
EXACTLY RIGHT FOR YOUR
PURPOSES?**

