



Quality Tools for Smart Cleaning

nLITE HYDRO POWER™

The Most Efficient DI
Pure Water System Ever!





Quality Tools for Smart Cleaning



nLITE HYDRO POWER™

Unparalleled efficiency: the new nLite® HydroPower DI Filter

Inspired by our customers and packed with the latest patented design innovations, **nLite® HydroPower DI** Filters offer a wealth of benefits for professional window cleaners (and everyone who works or cleans with pure water).

nLite® HydroPower DI Filters exceed standard DI filter efficiency, performance, workflow and comfort thanks to these new features:

- **FloWater™ Technology**
- **QuickChange™ Resin Bags**
- **FastLock™ Opening**

Discover the benefits of the **nLite® HydroPower DI system**:

1 EFFICIENCY:

Advanced design of **nLite® HydroPower DI** Filters will help you to reduce operational costs and increase the profitability of your business.

2 EASE OF USE:

Simple to operate and offering a hassle-free way of changing the resin, **nLite® HydroPower DI** Filters set a new benchmark in user-friendly DI filter design.



Scan with your smartphone to access **nLite® Configurator** on www.ungerglobal.com



THE UNGER QUICK CHANGE™ RESIN BAGS

Replace the resin in seconds with our latest innovation - pre-packed, ready to use resin bags, designed to enhance filter productivity. See overleaf for details.

nLITE

nLite® HydroPower DI Filters make a great new addition to **Unger nLite® professional water fed pole system** for pure water cleaning at height.

- nLITE WATER FED POLES**
- nLITE BRUSHES**
- nLITE GOOSENECKS**





Quality Tools for Smart Cleaning

The new nLite® HydroPower DI System



FastLock™ Opening
Easy & quick opening of the vessel. Features pressure release valve.



ALTECH® NXT PP
Made from highly robust, rigid, superlight mix of glass fibre and polypropylene.



QuickChange™ Resin Bags
Change the resin in seconds - anytime and anywhere!



FloWater™ Technology
Efficiently distributes water flow through the entire vessel.

Unrivalled performance:

1 Exceptional Value

Time is money. The innovative ideas behind the design of the **nLite® HydroPower DI Filters** have been inspired by this business philosophy. Here's a rundown on how **nLite® HydroPower DI Filters** can help you and your team to achieve more in less time and at lower cost.

INCREASED EFFICIENCY:

FloWater™ Technology, the innovative design of the flow distribution plate within **nLite® HydroPower DI Filters**, ensures more efficient water flow through the entire vessel in comparison to previous generation of DI filters. Greater efficiency results in costs savings through:

- Increased resin lifetime.
- Reduced resin consumption.
- Labour efficiency due to less frequent resin change.

TIME SAVING:

- The new **QuickChange™ Resin Bags** speed up the filter empty/refill process by **up to 10 times*** in comparison to standard DI filter systems.
- **FastLock™ Opening** enables you to open and close the filter vessel quickly and safely, with minimum effort.

COMPLETE CONTROL:

- Integrated TDS monitor allows you to measure the outgoing water hardness instantly, so you know exactly when the resin has expired and must be replaced.
- No need to change the resin in advance before it has fully expired - **QuickChange™ Resin Bags** give you the flexibility to do this at exactly the right time, in seconds.
- The pre-proportioned size of **QuickChange™ Resin Bags** allows you to purchase and use only the exact amount of resin that you need. Packed for ease of storage and transportation.

2 Easy Resin Change

The ingenious **QuickChange™ Resin Bags** allow users to speed up the resin change process by up to 10 times - simply remove the bag with expired resin and insert a new one.

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

QUICK CHANGE™ RESIN BAGS:



- Resin change process is now as simple as changing coffee pods in a coffee machine.
- No need for time-consuming emptying, rinsing and filling up of narrow filter vessels.
- Each bag is made from a water-permeable material and contains a pre-proportioned amount of **Unger High Capacity Premium Grade Virgin Mixed Bed Resin**.

* Compared to standard DI systems (e.g. UNGER DI400, DI140)
Source: Unger R&D

PATENT PENDING

Multitude of benefits for professional users

SIMPLE AND EFFECTIVE:



FastLock™ Opening

- Easy opening and closing.
- Safe self-locking mechanism.
- Features pressure release valve.



Removable Cover

- Includes stop mechanism to prevent loose resin from leaking with outgoing water flow.



TDS Monitor

- For instant measuring of the outgoing water hardness.

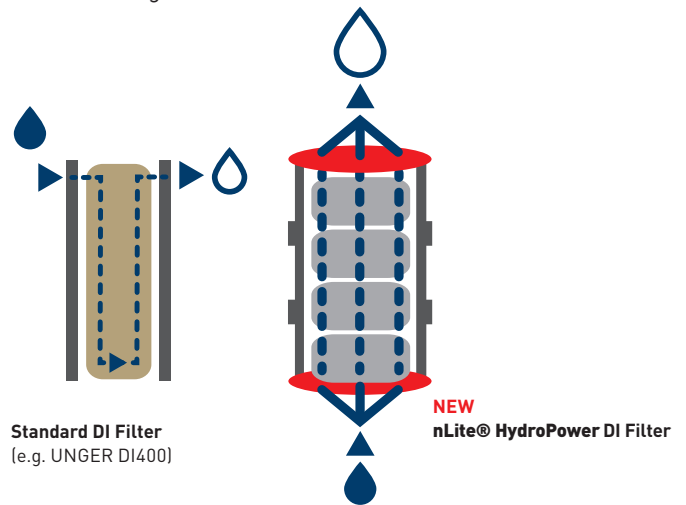


Standard Hose Fittings

- Reliable quick release connectors, suitable for most hosesock type fittings commonly used on most water fed poles and systems.

FLOWATER™ TECHNOLOGY:

The innovative water distribution system ensures more efficient water flow through the entire vessel, improving resin efficiency and increasing its lifetime.



Standard DI Filter
(e.g. UNGER DI400)

NEW
nLite® HydroPower DI Filter

COMPATIBLE WITH LOOSE RESIN:

The **nLite® Hydro Power™ DI Filters** can also be filled with loose resin, retaining the high efficiency enabled by **FloWater™** technology. If like many other users you prefer the loose resin option, you will find that the large diameter vessel enables you to fill, empty and refill the filter easier and faster.

Whilst fully compatible with most ion exchange resins available on the market, for maximum efficiency we recommend using **Unger High Capacity Premium Grade Virgin Mixed Bed Resin** due to its optimal density and moisture content.

Supplied in a 25 L bag (DIB25) or 25 L bag in a re-sealable bucket (DIP25), **Unger Resin** is available to order from Approved Unger Dealers. Please refer to the User Manual for further details.

nLITE HYDRO POWER™

Customized in every size: The nLite® HydroPower DI Range

Choose from 3 filter sizes depending on the volume of pure water required and frequency of use to maximise your return on investment.

All filters are supplied complete with **QuickChange™ Resin Bags** and integrated **TDS monitor** to measure the outgoing water hardness.

SIZE OPTIONS:

- **DI12T, DI12W**
Contains 1 **QuickChange™ Resin Bag** (6 L)
- **DI24T, DI24W, DI24C**
Contains 2 **QuickChange™ Resin Bags** (12 L)
- **DI48T, DI48C**
Contains 4 **QuickChange™ Resin Bags** (24 L)



Optional Accessories

Our range of accessories allows you to select your preferred filter configuration for enhanced working comfort and mobility. All accessories can also be ordered separately and fitted to the filter at a later date.

Optional accessories



DI48T



DI24T



DI12T



Specifications		Water Hardness	Pure Water Output	Art. No.	Wheels	Cart
Base Size:	30 × 31 cm	Soft	> 1,570 L	DI48T	-	-
Height:	116 cm					
Inner Diameter:	20 cm	Medium	470 - 1,570 L	DI48C	-	•
Weight (incl. Resin):	35 kg					
Resin Bags:	4 pcs (24 L)	Hard	260 - 470 L	-	-	-
TDS Monitor	Included					
Base Size:	30 × 31 cm	Soft	> 3,140 L	DI24T	-	-
Height:	59 cm					
Inner Diameter:	20 cm	Medium	1,130 - 3,140 L	DI24W	•	-
Weight (incl. Resin):	20 kg					
Resin Bags:	2 pcs (12 L)	Hard	670 - 1,130 L	DI24C	-	•
TDS monitor	Included					
Base Size:	30 × 31 cm	Soft	> 6,360 L	DI12T	-	-
Height:	35 cm					
Inner Diameter:	20 cm	Medium	2,450 - 6,360 L	DI12W	•	-
Weight (incl. Resin):	11 kg					
Resin Bags:	1 pc (6 L)	Hard	1,490 - 2,450 L	-	-	-
TDS monitor	Included					
1 Resin Bag				DIB61		
Content:	6 L Resin					
Packaging:	Airtight bucket					
4 Resin Bags				DIB64		
Content:	24 L Resin					
Packaging:	Airtight bucket					

Filter productivity depends on several factors, such as filter size, water pressure, temperature and most importantly the level of water hardness. Water hardness is measured in ppm (parts per million) and varies by geographical area. The table above provides guidance on the expected nLite® HydroPower DI Filter performance, before the resin is spent and has to be replaced. All values based on 10 ppm as maximum for Pure Water quality.

Water Hardness Explained

Soft: < 100 ppm
 Medium: 180 - 300 ppm
 Hard: 300 - 400 ppm
 Very Hard: < 400 ppm



UNGER nLite® HydroPower DI Starter Set

Everything you need to start cleaning with pure water at heights of up to 6 m (20 ft).

Perfect for cleaning of glass windows and building facades, solar panels, vehicles and much more!

DI12T	nLite® HydroPower DI Filter
AN60G	HiFlo™ nLite® Aluminium Master Pole, 4 sections, 6.00 m (20ft)
NL11G	HiFlo™ nLite® Hose, 11 m (36 ft)
NLR27	HiFlo™ nLite® Radius Brush, 27 cm
FTGOS	HiFlo™ MultiLink Adapter
DIK12	Starter Set

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