



Quality Tools for Smart Cleaning™



PURE WATER CLEANING

Clean + Safe + Efficient + Economical + Environmentally Friendly



Scan here for
more information



Pure Water Cleaning

What is pure water?



Pure water is water that has been treated and any Total Dissolved Solids (TDS) particles have been removed from it. With pure water, there is no need to wipe or polish the glass, the water dries streak free leaving your windows spotless.



Pure water cleaning is not just eliminating the need for lifts and ladders making it safer, it eliminates the need for detergents, making it environmentally safe as well.



The Unger HydroPower systems are designed to be the perfect fit for professional cleaners. They are engineered to be portable, easy to operate, and extremely efficient.

Reverse Osmosis (RO)

Reverse osmosis (RO) is the process of removing impurities from water by forcing it through a filter called the membrane. This process results in pure water with a particularly high cleaning efficiency that leaves surfaces without streaks.

Deionization (DI)

Deionization is the process of removing positive metallic ions (impurities) and replacing them with hydrogen and hydroxyl, respectively forming pure water. This process removes up to 99% of all the sediment and minerals which creates impurity-free water.

The Advantages of Waterfed Poles



LADDERS

WORKER SAFETY- NO LADDERS NEEDED!

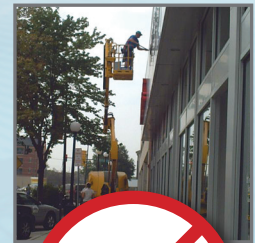
For most applications, the dangerous use of ladders is not necessary – this results in safer working conditions for cleaners.



CHEMICALS

PURE WATER CLEANS WITHOUT CHEMICALS

The use of PureWater eliminates the need for harmful cleaning chemicals. This results in a safer, chemical-free workplace for cleaners and no harmful chemicals destroying our environment. Green Cleaning!



**LIFT
RENTALS**

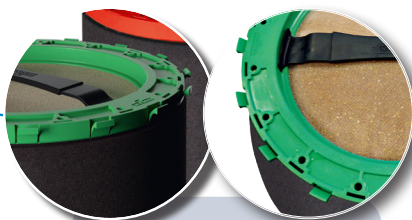
WATERFED POLES INCREASE ROI OVER LIFTS RENTALS

Renting a lift is an expensive recurring cost to get the jobs done. Investment into a PureWater System does not incur major additional costs and can be used for years.

Designed to be the perfect fit for professional window cleaners that demand the best for their washing services. With over 30%* more pure water per resin filling, the FloWater Technology 2.0 ensures an efficient flow of water through the whole tank, optimizing the resin saturation.



BUILT-IN
TDS METER



ULTRA RESIN PACKS



WATER
CONNECTIONS

ULTRA RESIN PACKS



Premium Ultra Resin
Perfected ion exchange resin, as required for cleaning glass



RECOMMENDED USE

- Areas with soft or medium hard water
- Suitable for sporadic and regular use
- Small - ideal for tight working environment, occasional use, or for beginners
- Large - optimal for larger work areas and more regular cleaning

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

System Production Estimate

The built in TDS meter allows you to quickly and easily check the water quality.

Recommended to change the resin once the TDS meter reads above 10 for windows and glass cleaning

UHP01 - SINGLE STAGE			
Water Hardness	TDS Reading	Output in Gallons	Working Hours*
Soft	<100	>500	>12.8
Medium	100-250	350-500	9.5-12.8
Hard	250-400	100-350	2.6-9.5
Very Hard	>400	<100	<2.6



UHP3C - THREE STAGE			
Water Hardness	TDS Reading	Output in Gallons	Working Hours*
Soft	<100	>1600	>41
Medium	100-250	1050-1600	10.25-28.2
Hard	250-400	350-1050	8.9-10.25
Very Hard	>400	<350	<8.9

*Working Hours: based on 39 gallons/hour. All values based on TDS of 10 as maximum for Pure Water quality.

WATER HARDNESS

- The amount of pure water the system can make before a resin change is needed varies depending upon your total TDS.
- Water hardness is an important criterion for the production output of pure water between resin changes.
- Rule: the harder the water (more mineral content/higher TDS), the more filter capacity is needed resulting in higher resin consumption.
- The amount and composition of minerals influence the volume of pure water output and resin consumption. The values given are guidelines and will vary by source and region.



Cleaning with pure water reduces running costs, especially in areas with hard water. The R020S pressurizes water through a 3-stage filtration process, resulting in high cleaning efficiency that leaves surfaces streak-free. The boost function provides high pressure dirt and debris removal while optimizing filter usage.

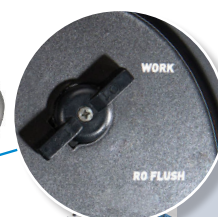


RECOMMENDED USE

- Areas with hard or very hard water
- Constant water purification with high water demand



HIGH QUALITY
3-STAGE
FILTRATION



BUILT-IN
TDS METER



EASY AND
SAFE USAGE



BOOST
MODE

POWERFUL
1/2 HP PUMP

EASY TO TRANSPORT AND MAINTAIN

ADDITIONAL FEATURES

- Pure Water Mode: up to 60 gal./h (227l/h) of pure water with 58 PSI (4 bar) for spotless cleaning of windows and facades
- BOOST Mode: 108 gal./h (409l/h) of tap water with 116-145 PSI (8-10 bar) for a strong tap waterjet on demand for prewashing heavily soiled surfaces and removing cobwebs and dirt from corners that cannot be reached with a brush
- Compact and robust design makes it easy to transport and maintain: 38" x 21" x 18", 110 lbs.
- High-Quality 3-stage filtration
 - Pre-filter to capture chlorine and sediments
 - Premium 30" RO membrane to remove dissolved minerals
 - DI polisher to filter any remaining impurities



Unger's new generation of the nLITE Telescopic Pole System exemplifies innovation and high quality. Pure water is the fastest and most efficient way to clean outdoor glass surfaces and Unger's lightweight and rigid nLITE Carbon waterfed poles keep workers safe on the ground.

- No twisting: trouble-free work and less wear and tear
- Optimal stability-to-weight ratio
- Greater pole rigidity
- More precise control of the cleaning movement

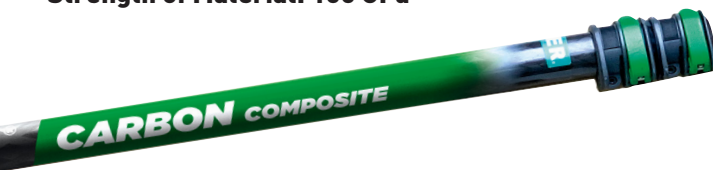
Carbon 24K Main/Extension Poles (CF86G, CF33G) reach heights up to 52.5'. Up to 2 Extensions can be added to the Main Pole. Telescopic Poles (CF60T, CC85T, CC60T, CC32T) can extend up to 28' depending on pole size chosen. Extension Poles cannot be added to Telescopic Poles.

Generation 2 nLITE CARBON COMPOSITE

High quality mix of carbon and glass fibers

Excellent rigidity and value

Strength of Material: 100 GPa*



32.5 FEET
(10m)

WORKING HEIGHT

Composite Telescopic Pole

PART NO.: **CC85T** SECTIONS.: 6
CASE QTY.: 1

- Extended Height: 28' / 8.5m

24.5 FEET
(7.5m)

WORKING HEIGHT

Composite Telescopic Pole

PART NO.: **CC60T** SECTIONS.: 4
CASE QTY.: 1

- Extended Height: 20' / 6m

15 FEET
(3.2m)

WORKING HEIGHT

Composite Telescopic Pole

PART NO.: **CC32T** SECTIONS.: 2
CASE QTY.: 1

- Extended Height: 10.5' / 3.2m

Generation 2 nLITE CARBON 24K

Premium carbon fibers in a unique weave of 24,000 fibers per bundle

Superior rigidity, lightweight pole

Strength of Material: 210 GPa*



24.5 FEET
(7.5m)

WORKING HEIGHT

Carbon 24K Telescopic Pole

PART NO.: **CF60T** SECTIONS.: 4
CASE QTY.: 1

- Extended Height: 20' / 6m

52.5 FEET
(16m)

WORKING HEIGHT
(1x Main Pole, 2x Ext. Poles)

Carbon 24K Main Pole

PART NO.: **CF86G** SECTIONS.: 6
CASE QTY.: 1

- Extended Height: 28' / 8.5m
- Up to 2 Extension Poles (CF33G) can be added

Carbon 24K Extension Pole

PART NO.: **CF33G** SECTIONS.: 2
CASE QTY.: 1

- Extended Height: 10.5' / 3.2m
- For use with CF86G Main Pole

Generation 1 nLite HiMODULUS CARBON

HiMOD Master/Extension Poles reach heights up to 65'

The ultimate in rigidity, ultra-light pole

Strength of Material: 180 GPa*



65 FEET
(20m)

WORKING HEIGHT

HiModulus Master Pole

PART NO.: **UC67G** SECTIONS.: 4 CASE QTY.: 1

- Extended Height: 22' / 6.71m

HiModulus Extension Pole

PART NO.: **UC35G** SECTIONS.: 2 CASE QTY.: 1

- Extended Height: 11' / 3.4m

Generation 1 nLite ALUMINUM

ALU Master/Extension Poles reach heights up to 30'

Great quality and value for lower heights

Strength of Material: 30 GPa*



32.5 FEET
(10m)

WORKING HEIGHT

HiFlo Master ALU Pole

PART NO.: **AN60G** SECTIONS.: 4 CASE QTY.: 1

- Extended Height: 20' / 6.1m

HiFlo Extension ALU Pole

PART NO.: **AN30G** SECTIONS.: 2 CASE QTY.: 1

- Extended Height: 10' / 3.1m



Markets Served

Unger's pure water tools support a diversified portfolio of industries with professional cleaning solutions that address the specific needs of your facility.

Our products not only help you maintain a pristine facility, but they also improve OSHA compliance and overall employee productivity and well-being.



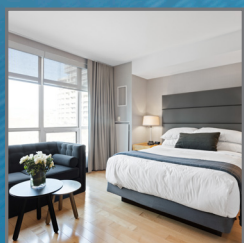
Education



Facility Management



Government



Hospitality

What Pure Water Kit is Best for Your Needs? 20'



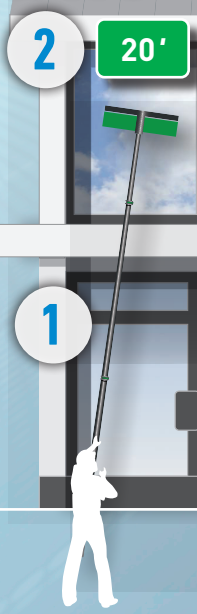
HydroPower® Ultra - Entry Kit 20'6 m

PART NO.: UNLK1 CASE QTY.: 1

- UHP01 HydroPower Ultra Small Tank
- CC60T nLITE® Carbon Composite Telescopic Pole - 20'6 m
- NGS15 Angle Adapter S - 6"/15 cm
- NFF28 Power Brush - 11"/28 cm
- DLS25 DuroFlex Hose - 82'/25 m



Floors



39'



HydroPower Ultra Large Carbon 39'/12 m Kit

PART NO.: UNLK5 CASE QTY.: 1

- UHP3C HydroPower Ultra Large Tank with Cart
- CF86G nLITE Carbon 24K Main Pole, – 28'/8.5 m
- CF33G nLITE Carbon 24K Ext. Pole, – 10.5'/3.2 m
- NLHCC Extension Adapter
- NGS15 Angle Adapter S – 6"/15 cm
- NFK28 Power Brush Complete – 11"/28 cm
- DLS25 DuroFlex Hose – 82'/25 m
- NLWWI Water Flow Regulator
- NLBAG nLITE Carrying Bag



HydroPower Ultra – Advanced Kit 39'/12 m

PART NO.: UNLK2 CASE QTY.: 1

- Small HydroPower Ultra Tank (UHP01) with pole kit



nLITE Carbon 24K – 39'/12 m Kit

PART NO.: NLKT3 CASE QTY.: 1

- Pole kit only

55'



HydroPower Ultra Professional 55'/17 m Kit

PART NO.: UHPK4 CASE QTY.: 1 Gen 1

- UHP3C HydroPower Ultra Large Tank with Cart
- UC67G HiFlo nLite HiMod Carbon Master Pole, – 22'/7 m
- UC35G (3) HiFlo nLite HiMod Carbon Extension Pole, – 11'/3.4 m
- NLG20 HiFlo nLite MultiLink Gooseneck – 8"/20 cm
- TMOOV HiFlo Control
- NUK28 Power Brush Complete – 11"/28 cm
- NLQUI Hose Connection Kit
- NL25G HiFlo nLite Hose – 82'/25 m
- NLBA1 HiFlo nLite Carrying Bag



nLite HiMod - 55'/17 m Kit

PART NO.: NLKU3 CASE QTY.: 1 Gen 1

- Pole Kit only

Floors 39'

3

2

1

55' Floors

5






4


3







2

1

TOOLS AND ACCESSORIES

	PART NO.	SIZE	BRISTLES		FEATURES			APPLICATION*			
			Material	Type	Center Nozzle Block	Rinse Bar	Swivel Lock	Initial cleaning	Maintenance cleaning	Sensitive surfaces	Solar
	NFK28	11"/28 cm	Power-Technology	flagged split/soft	✓	✓	✓		✓		
	NFK41	16"/41 cm									
	NUK28	11"/28 cm	Power-Technology	unflagged straight/stiff	✓	✓	✓		✓		✓
	NUK41	16"/41 cm									
	NFS28	11"/28 cm	Thin Synthetic Bristles	unflagged straight/stiff	✓	✓	✓			✓	
	NFS41	16"/41 cm									
	NUH28	11"/28 cm	Boar + Power	unflagged straight/stiff	✓	✓	✓	✓			✓
	NUH41	16"/41 cm									
	NFR28	11"/28 cm	Nylon	flagged split/soft	✓	✓			✓		
	NFR41	16"/41 cm									

ANGLE ADAPTERS		PART NO.	PRODUCT	SIZE	CASE
		NGS45	Angle adapter L, for nLITE® Gen 2 Carbon 24K, Carbon Composite	32"/82 cm	1
		NGC45	Angle adapter L, for nLITE® Gen 1 HiMod, Carbon, Hybrid, Alu	32"/82 cm	1
		NGS30	Angle adapter M, for nLITE® Gen 2 Carbon 24K, Carbon Composite	16.5"/42 cm	1
		NGC30	Angle adapter M, for nLITE® Gen 1 HiMod, Carbon, Hybrid, Alu	16.5"/42 cm	1
		NGS15	Angle adapter S, for nLITE® Gen 2 Carbon 24K, Carbon Composite	6"/15 cm	1
		NGC15	Angle adapter S, for nLITE® Gen 1 HiMod, Carbon, Hybrid, Alu	6"/15 cm	1

ACCESSORIES		DLS25	DuroFlex Hose (8mm)	82'/25 m	1
		DLH25	DuroFlex High Performance Hose (10 mm) - for use with R020S	82'/25 m	1
		NLHKP	Hose Keeper Set (x6)	-	1
		NLWV1	Water Flow Regulator	-	1
		NLHCC	Master/Extension Connection	16"/41 cm	1
		NLCLA	Classic Tool Adapter	-	1
		NLTHR	Euro Thread Adapter	-	1

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**100%
CUSTOMER
SATISFACTION
GUARANTEE**

At Unger, we aim to stand apart from the rest thanks to our special "Yes We Can!" service spirit. We love what we do and as proof of that, we promise to deliver a 100% Customer Satisfaction Guarantee on every product and service we offer.



***ATTENTION:** Some surfaces are easily scratched. Always test brushes prior to use!