At Unger, the window cleaning industry is both where the company started and where we continue to be a world leader. Starting with founder Henry Unger’s desire to create a better squeegee, Unger has built a reputation of creating the highest quality, most innovative tools available.

Products such as the HydroPower Ultra and the Generation 2 nLITE demonstrate that today, and moving forward, quality and innovation remain core values of Unger.
nLITE Carbon 24K – 39’/12 m Kit

**PART NO.: NLKT3**  **CASE QTY.: 1**

- CF86G  nLITE® Carbon 24K Main Pole. 6 Sections – 28’/8.5 m
- CF33G  nLITE® Carbon 24K Ext. Pole. 2 Sections – 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
- NLWVI  Water Flow Regulator
- NLBAG  nLITE® Carrying Bag

*Keep workers safe on the ground while cleaning windows up to four floors high!*
Reverse Osmosis (RO)

Reverse osmosis is the process of removing impurities (technically, ions) from water by forcing it through a filter (referred to as a membrane).

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.

Pure Water Cleaning

What is pure water?

Pure water is water that has been treated and any dissolved, solid 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.

www.ungerglobal.com
Unger Pure Water Cleaning System

The Advantages of Water Fed Poles

- Clean & Efficient
- Cost Savings
- Environmentally Friendly
- Safety

www.ungerglobal.com
Cleaning with pure water can be achieved at minimal running cost – especially in hard water areas. The RO pressurizes water through a 3-stage filtration process, resulting in water with a particularly high cleaning efficiency that will leave surfaces without streaks. Featuring a boost function, you can remove dirt and debris that cannot be removed with a brush.
### HydroPower RO  
(R020S)

<table>
<thead>
<tr>
<th>Main features</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water output up to</td>
<td>Boost mode: 132 gal./h (500 l/h)</td>
</tr>
<tr>
<td></td>
<td>Pure Water mode: 39 gal./h (150 l/h)</td>
</tr>
<tr>
<td>Water outlets</td>
<td>1</td>
</tr>
<tr>
<td>Pump performance</td>
<td>0.50 HP</td>
</tr>
<tr>
<td>Protection class</td>
<td>Electric motor: IP 44</td>
</tr>
<tr>
<td></td>
<td>Pump Control: IP 65</td>
</tr>
<tr>
<td>Inlet pressure</td>
<td>14-87 (1-6 Bar)</td>
</tr>
<tr>
<td>Max. operating pressure</td>
<td>145 PSI (10 Bar)</td>
</tr>
<tr>
<td>Pump dry run protection</td>
<td>✔</td>
</tr>
<tr>
<td>Water flow meter</td>
<td>Analog</td>
</tr>
<tr>
<td>Pre-filter</td>
<td>Combi filter</td>
</tr>
<tr>
<td></td>
<td>Chlorine/Sediments (ROCFC)</td>
</tr>
<tr>
<td>Membrane</td>
<td>Membrane Unit (ROMEM)</td>
</tr>
<tr>
<td></td>
<td>Maintenance Liquid (ROMML)</td>
</tr>
<tr>
<td>Resin filter</td>
<td>Resin Catridge (RORFC)</td>
</tr>
<tr>
<td>TDS sensors</td>
<td>At water outlet</td>
</tr>
<tr>
<td>Dimensions in inches (height x width x depth)</td>
<td>38 × 21 × 18</td>
</tr>
<tr>
<td>Tare weight in lb</td>
<td>99</td>
</tr>
<tr>
<td>Weight incl. filling in lb</td>
<td>110</td>
</tr>
<tr>
<td>Power Cord in ft.</td>
<td>15</td>
</tr>
</tbody>
</table>
Designed to be the perfect fit for professional window cleaners that demand the best for their window 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.
**Generation 2 nLITE CARBON COMPOSITE**

High quality mix of carbon and glass fibers.

**Excellent rigidity and value.**

**Composite Telescopic Pole**
- **PART NO.: CC85T**
- **SECTIONS:** 6
- **CASE QTY.:** 1
- **Extended Height:** 28’ / 8.5m
- **Collapsed Height:** 5.5’ / 1.7m
- **Weight:** 4.9lb / 2.2kg

**Composite Telescopic Pole**
- **PART NO.: CC60T**
- **SECTIONS:** 4
- **CASE QTY.:** 1
- **Extended Height:** 20’ / 6m
- **Collapsed Height:** 5.5’ / 1.7m
- **Weight:** 3.0lb / 1.4kg

**Composite Telescopic Pole**
- **PART NO.: CC32T**
- **SECTIONS:** 2
- **CASE QTY.:** 1
- **Extended Height:** 10.5’ / 3.2m
- **Collapsed Height:** 5.5’ / 1.7m
- **Weight:** 1.5lb / 0.7kg

**Strength of Material:** 100 GPa*

---

**Generation 2 nLITE CARBON 24K**

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

**Superior rigidity, lightweight pole.**

**Carbon 24K Telescopic Pole**
- **PART NO.: CF60T**
- **SECTIONS:** 4
- **CASE QTY.:** 1
- **Extended Height:** 20’ / 6m
- **Collapsed Height:** 5.5’ / 1.7m
- **Weight:** 2.5lb / 1.16kg

**Carbon 24K Main Pole**
- **PART NO.: CF86G**
- **SECTIONS:** 6
- **CASE QTY.:** 1
- **Extended Height:** 28’ / 8.5m
- **Collapsed Height:** 5.5’ / 1.7m
- **Weight:** 4.0lb / 1.84kg
- **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
- **Collapsed Height:** 6’ / 1.8m
- **Weight:** 1.8lb / 0.82kg
- **For use with CF86G Main Pole**

**Strength of Material:** 210 GPa*

---

**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*

**HiModulus Master Pole**
- **PART NO.: UC67G**
- **SECTIONS:** 4
- **CASE QTY.:** 1
- **Extended Height:** 22’ / 6.71m
- **Collapsed Height:** 6’ / 1.8m
- **Weight:** 3.3lb / 1.5kg

**HiModulus Extension Pole**
- **PART NO.: UC35G**
- **SECTIONS:** 2
- **CASE QTY.:** 1
- **Extended Height:** 11’ / 3.4m
- **Collapsed Height:** 6.25’ / 1.9m
- **Weight:** 1.5lb / 0.7kg

**HiFlo Master ALU Pole**
- **PART NO.: AN60G**
- **SECTIONS:** 4
- **CASE QTY.:** 1
- **Extended Height:** 20’ / 6.1m
- **Collapsed Height:** 5.6’ / 1.7m
- **Weight:** 4.4lb / 2.0kg

**HiFlo Extension ALU Pole**
- **PART NO.: AN30G**
- **SECTIONS:** 2
- **CASE QTY.:** 1
- **Extended Height:** 10’ / 3.1m
- **Collapsed Height:** 5.5’ / 1.5m
- **Weight:** 2.4lb / 1.1kg

**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*

---

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.

www.ungerglobal.com
HydroPower Ultra Professional 55'/17 m Kit

- UHP01 HydroPower Ultra Small Tank (1 resin pack)
- UC67G HiFlo nLite HiMod Carbon Master Pole, 4 Sections – 22'/7 m
- UC35G HiFlo nLite HiMod Carbon Extension Pole, 2 Sections – 11'/3.4 m
- NLG20 HiFlo nLite MultiLink Gooseneck – 8'/20 cm

- TMOOV HiFlo Control
- NUK28 Power Brush Complete – 11'/28 cm
- NLQUI HiFlo nLite Hose – 36'/11 m
- NL11G HiFlo nLite Hose – 36'/11 m
- NLHCC Extension Adapter

HydroPower Ultra Large Carbon 39'/12 m Kit

- UHP01 HydroPower Ultra Small Tank (1 resin pack)
- AN60G HiFlo nLite ALU Master Pole, 4 Sections – 20'/6 m
- CF86G nLITE Carbon 24K Main Pole, 6 Sections – 28'/8.5 m
- CF33G nLITE Carbon 24K Ext. Pole, 2 Sections – 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
- NLWVI Water Flow Regulator
- NLBAG nLITE Carrying Bag

HydroPower Ultra Entry Kit 20'/6 m

- UHP01 HydroPower Ultra Small Tank (1 resin pack)
- AN60G HiFlo nLite ALU Master Pole, 4 Sections – 20'/6 m
- NLHCC Extension Adapter

- NGS15 Angle Adapter S – 6'/15 cm
- NFK28 Power Brush Complete – 11'/28 cm
- DLS25 DuroFlex Hose – 82'/25 m
- NLWVI Water Flow Regulator
- NLBAG nLITE Carrying Bag

HydroPower Ultra – Advanced Kit 39'/12 m

- UHP01 HydroPower Ultra Small Tank (1 resin pack)
- CF86G nLITE Carbon 24K Main Pole, 6 Sections – 28'/8.5 m
- CF33G nLITE Carbon 24K Ext. Pole, 2 Sections – 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
- NLWVI Water Flow Regulator
- NLBAG nLITE Carrying Bag

HydroPower Ultra – Entry Kit 20'/6 m

- UHP01 HydroPower Ultra Small Tank (1 resin pack)
- AN60G HiFlo nLite ALU Master Pole, 4 Sections – 20'/6 m
- NLHCC Extension Adapter

- NGS15 Angle Adapter S – 6'/15 cm
- NFK28 Power Brush Complete, flagged – 11'/28 cm
- AN60G HiFlo nLite ALU Master Pole, 4 Sections – 20'/6 m
- FTGOS MultiLink Adapter

- NL11G HiFlo nLite Hose – 36'/11 m
nLITE Accessories

Hose Keeper Set (6)
PART NO.: NLHKP CASE QTY.: 1
- Clips for outer hose routing on nLITE pole

nLITE Classic Tool Adapter
PART NO.: NLCLA CASE QTY.: 1
- Thread adapter for attaching classic tools on the new nLITE telescopic poles

nLITE Carrying Case
PART NO.: NLBAG CASE QTY.: 1
- Convenient carrying bag for storage and transportation of the nLITE pole system and accessories

nLITE Kits

39’ nLITE Carbon 24K – 39’/12 m Kit
- CF86G nLITE Carbon 24K Main Pole, 6 Sections – 28”/8.5 m
- CF33G nLITE Carbon 24K Ext. Pole, 2 Sections – 10.5”/27 cm
- NLHCC Extension Adapter
- NGS15 Angle Adapter S – 6”/15 cm
- NFK28 Power Brush Complete – 11”/28 cm
- DLS25 DuroFlex Hose – 82”/25 m
- NLWVI Water Flow Regulator
- NLBAG nLITE Carrying Bag

55’ nLite HiMod – 55’/17 m Kit
- UC67G HiFlo nLITE HiMod Carbon Master Pole, 4 Sections – 22”/7 m
- UC35G (3) HiFlo nLITE HiMod Carbon Extension Pole, 2 Sections – 11”/3.4 m
- NLG20 HiFlo nLite MultiLink Gooseneck – 8”/20 cm
- TM00V HiFlo Control
- NLSJF HiFlo nLite Fan Jets, Set of 2
- NUK28 Power Brush Complete – 11”/28 m
- NL25G HiFlo nLite Hose – 82”/25 m
- NLBA1 HiFlo nLITE Carrying Bag

20’ nLite Aluminun – 20’/6 m Kit
- AN60G HiFlo nLite ALU Master Pole, 4 Sections – 20”/6.1 m
- NFK28 Power Brush Complete, flagged – 11”/28 cm
- NL11G HiFlo nLite Hose – 36”/11 m
- FT00S HiFlo MultiLink Adapter

nLITE Angle Adapters

Hose Connection Kit
PART NO.: NLQUI CASE QTY.: 1
- For quick connection of two hoses
- Kit includes: Two Hose end pieces and one Quick Connector

DuroFlex Hose
PART NO.: DLS25 SIZE: 82”/25 m CASE QTY.: 1
- Durable quick connect hose for pure water supply from water filter to brush

Water Flow Regulator
PART NO.: NLWVI SIZE: 11”/28 cm CASE QTY.: 1
- Turn water flow to the brush completely on/off or adjust as needed
- Use with internal or external hoses

nLITE Extension Adapter
PART NO.: NLHCC SIZE: 16”/41 cm CASE QTY.: 1
- Connects the first telescopic extension pole to the telescopic main pole with internal hose routing

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nLITE Power Brush - Flagged
PART NO.: NFF28  SIZE: 11”/28cm  BRISTLES: Flagged  CASE QTY.: 1
PART NO.: NFF41  SIZE: 16”/41cm  BRISTLES: Flagged  CASE QTY.: 1
- Green flagged bristles for maximum cleaning performance and gliding results
- Water jets built in the middle of brush block for powerful dirt removal
- Includes hose with quick connector

nLITE Power Brush - Unflagged
PART NO.: NUF28  SIZE: 11”/28cm  BRISTLES: Unflagged  CASE QTY.: 1
PART NO.: NUF41  SIZE: 16”/41cm  BRISTLES: Unflagged  CASE QTY.: 1
- Gray unflagged bristles are stiffer for perfect cleaning results and optimized durability
- Water jets built in the middle of brush block for powerful dirt removal
- Includes hose with quick connector

nLITE Power Brush Complete - Flagged
PART NO.: NFK28  SIZE: 11”/28cm  BRISTLES: Flagged  CASE QTY.: 1
PART NO.: NFK41  SIZE: 16”/41cm  BRISTLES: Flagged  CASE QTY.: 1
- Green flagged bristles for maximum cleaning performance and gliding results
- Soft touch bumper protects against scratches and damage to window frames
- Rinse bar above the brush delivers the right amount of pure water to the surface
- Water jets built in the middle of brush block for powerful dirt removal
- Swivel Lock function swivels brush 180° - use in an “S” motion to clean entire surface (for use up to 20’)
- Includes hose with quick connector

nLITE Power Brush Complete - Unflagged
PART NO.: NFK28  SIZE: 11”/28cm  BRISTLES: Unflagged  CASE QTY.: 1
PART NO.: NFK41  SIZE: 16”/41cm  BRISTLES: Unflagged  CASE QTY.: 1
- Gray unflagged bristles are stiffer for perfect cleaning results and optimized durability
- Soft touch bumper protects against scratches and damage to window frames
- Rinse bar above the brush delivers the right amount of pure water to the surface
- Water jets built in the middle of brush block for powerful dirt removal
- Swivel Lock function swivels brush 180° - use in an “S” motion to clean entire surface (for use up to 20’)
- Includes hose with quick connector

nLITE Hybrid Boar’s Hair Brush Complete
PART NO.: NUH28  SIZE: 11”/28cm  BRISTLES: Unflagged  CASE QTY.: 1
PART NO.: NUH41  SIZE: 16”/41cm  BRISTLES: Unflagged  CASE QTY.: 1
- Powerful cleaning performance with easier glide and less weight than full natural hair brushes.
- Recommended for maintenance cleaning and solar cleaning.
- Outside boar bristles - high cleaning power of the folded bristles, no streaks
- Inside bristles with Power Bristle Technology - very high scrubbing power
  - easy glide
- Low water absorption
- Rinse nozzle strip above the brush for powerful rinsing
- Includes hoses with quick connectors

nLITE Soft Brush Complete
PART NO.: NFS28  SIZE: 11”/28cm  BRISTLES: Unflagged  CASE QTY.: 1
PART NO.: NFS41  SIZE: 16”/41cm  BRISTLES: Unflagged  CASE QTY.: 1
- Gentle surface cleaning. Reduces risk of damage to sensitive surfaces.
- Thin bristles with high flexibility
- Short bristles in high density for stable fiber layout
- Nozzle block integrated in the middle of the brush for powerful dirt removal
- Rinse nozzle strip above the brush for powerful rinsing
- Includes hoses with quick connectors
## BRUSH OVERVIEW for nLITE® telescopic pole system - also compatible with nLite® Gen 1 telescopic pole system

<table>
<thead>
<tr>
<th>WEIGHT</th>
<th>WIDTH</th>
<th>BRISTLES</th>
<th>FEATURES</th>
<th>APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFK28 12.2 oz</td>
<td>11.02 in</td>
<td>Power-Technology</td>
<td>flagged</td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>NFK41 17.21 oz</td>
<td>16.14 in</td>
<td></td>
<td></td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>NFF28 10.23 oz</td>
<td>11.02 in</td>
<td>Power-Technology</td>
<td>flagged</td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>NFF41 14.07 oz</td>
<td>16.14 in</td>
<td></td>
<td></td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>NUK28 12.56 oz</td>
<td>11.02 in</td>
<td>Power-Technology</td>
<td>flagged</td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>NUK41 17.32 oz</td>
<td>16.14 in</td>
<td></td>
<td></td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>NUH28 11.75 oz</td>
<td>11.02 in</td>
<td>Thin Synthetic Bristles</td>
<td>Unflagged</td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>NUH41 16.226 oz</td>
<td>16.14 in</td>
<td></td>
<td></td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>NFS28 11.28 oz</td>
<td>11.02 in</td>
<td>Thin Synthetic Bristles</td>
<td>Unflagged</td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>NFS41 15.52 oz</td>
<td>16.14 in</td>
<td></td>
<td></td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
</tbody>
</table>

*Solar panels can damage easily; please use caution and proper tool maintenance when cleaning with water fed tools.

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**Gen 2 nLITE Carbon 24K Pole**

**Gen 1 nLite HiMod Pole**

**Gen 2 Brushes**

**Gen 1 Gooseneck**

**Gen 2 Angle Adapters**

**Adapter FTTHR**

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