

INNOVATION BROCHURE





# **INNOVATION INDEX**

### R<sub>x</sub> CLEANING CARTS

### **OMNICLEAN**

**OMNICLEAN** System ......8

Ditch the old mop and dirty bucket and truly clean your floors

### **EXCELLA**

### **STINGRAY**

### **PURE WATER**

HydroPower® R0	21
B: Waterfed Pole System	23
nLITE® Waterfed Pole kits	









# What sets Unger carts apart?



### HIGH QUALITY CLEANING EQUIPMENT

With Unger Janitorial Carts, you can equip your team with some of the very best and most reliable cleaning equipment to ensure the cleanliness of your facilities

### **ADVANTAGES**



### TURNKEY:

Fully-loaded innovative janitorial cart comes with all the tools you need to start cleaning





### **ORGANIZED:**

Patented EZClip™ system keeps tools in place and handy where and when you need them





### DURABLE:

Expertly designed with award winning tools that are built to last with a 100% Customer Satisfaction Guarantee





### **AWARD WINNING TOOLS**







# Tools and applications

### **FLOOR CARE**



Ergonomic telescopic dustpan with color coded red or gray handle. Floor brushes are available for heavy-duty floor cleaning

### **GLASS CLEANING**



Stingray® and SpeedClean™ systems both quickly and easily clean windows, hard to reach areas, and other surfaces without the use of ladders

### **MOPPING**



OmniClean™ or Unger Excella® flat mopping systems provide the most efficient tools for cleaning floors. OmniClean compact cart can be separated from larger cart to clean small areas

### TRASH COLLECTING





18.4-gallon vinyl bag & NiftyNabber® for picking up trash

### **TOILET CLEANING**



Unger toilet brush has a 26-inch long handle that increases brush reach and reduces exposure to contaminants

### **DUSTING**



StarDuster® Pro
Duster has a
disposable sleeve
that attracts and
holds dust over
lambswool for
cleaning stalls and
other high surfaces

### **STORAGE**



### **HANDRAIL**

Handrail allows you to maneuver in and out of doorway entrances more efficiently

### **TOWER**

Narrow tower design makes it easy to fit through tight doorways and store in most janitorial closets

### SHELVES

Three tier shelving for replenishing supplies

### **CASTER WHEELS**

Durable and high quality caster wheels are quiet, non-marking and maneuverable





### **ZoneCleanR**<sub>X</sub> JANITORIAL CART SYSTEM

### Light-duty zone cleaning

• Lighter kit configuration for flexibility and customization, and includes SpotCleaning Kit



### DeepCleanR<sub>X</sub> JANITORIAL CART SYSTEM

### End of day deep cleaning

• The go-to cart for deep cleaning needs. Includes OmniClean Dual Bucket Compact Cart, which can be separated from larger cart for floor clean ups. Also includes Stingray for all your surface and glass cleaning



### SpotCleanR<sub>X</sub> JANITORIAL CART SYSTEM

### Spot-cleaning & daily routines

• Comes with Unger Excella® microfiber mop with bottle on board for on-the-go spot cleaning

Part No.	Case Qty.	Part No.	Case Qty.	Part No.	Case Qty.
CRTZN	1	CRTDC	1	CRTSP	1



Designed for restroom cleaning ergonomics, safety, and efficiency



### RestroomRx OmniClean SYSTEM COMPLETE - STRAIGHT

### RestroomRx & OmniClean Combined!

- A fully-loaded janitorial cart that comes with everything needed to clean restrooms
- Designed to minimize trips to the supply closet, this cart includes tools for trash pick up, mopping, dusting, sweeping, toilet cleaning, and storage

Part No.	Pole Type:	Case Qty.
RRBK1	STRAIGHT	1



### RestroomRx OmniClean SYSTEM COMPLETE - OFFSET

### RestroomRx & OmniClean Combined!

- A fully-loaded janitorial cart that comes with everything needed to clean restrooms
- Designed to minimize trips to the supply closet, this cart includes tools for trash pick up, mopping, dusting, sweeping, toilet cleaning, and storage

Part No.	Pole Type:	Case Qty.
RRBK2	OFFSET	1





**DUAL BUCKET SYSTEM:** 







### RestroomR<sub>X</sub> Cleaning SYSTEM COMPLETE - 32 QT. / 30 L

### RestroomRx Cart System

 The first restroom cart system designed by cleaning professionals to help them work safer, faster and better

Part No.	Capacity:	Case Qty.
RRSPL	32 Qt. / 30 L	1

### RestroomR<sub>X</sub> Cleaning SYSTEM COMPLETE - 16 QT. / 15 L

### RestroomRx Cart System

 The first restroom cart system designed by cleaning professionals to help them work safer, faster and better

Part No.	Capacity:	Case Qty.
RRSPC	16 Qt. / 15 L	1









# Efficient, hygienic and safe floor cleaning

### HYGIENIC CLEANING AND HIGHER PRODUCTIVITIY



**CLEANER:** 2 times more effective at removing microbes\* than traditional floor cleaning systems



**FASTER:** Over 40% faster\* than conventional floor cleaning systems



**SAFER:** Cleaned surfaces dry twice as fast\* and therefore minimize the risk of accidents

\*Independent test report from Sitemark® FM Best Practice Benchmarking, September 2020



### **COTTON VS. MICROFIBER**

Black light experiment reveals the advantages of using microfiber flat mops vs. cotton string mops



Cotton string mop pushes dirt around



Microfiber flat mop removes dirt



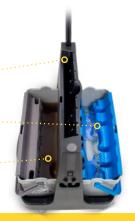


### OMNICLEAN

OmniClean features dual bucket technology to separate clean and dirty solutions, ensuring the StayClean bucket is always clean

STAND-UP WRINGER STAYCLEAN BUCKET

SOIL-CATCHING BUCKET



The Unger dual bucket technology sets the standard for cleaning efficiency and hygiene

Its many distinctive ergonomic design features enhance worker productivity, reduce injuries, and increased cleaning performance

- Separate cleaning solution from soiled rinse solution
- Prevent cross-contamination
- Save on water and chemicals
- Mounts on all standard cleaning carts
- Additional cleaning tools can be stored in tool clips

### **FEATURES AND BENEFITS**



 Compact and lightweight dual bucket for damp and wet mopping of floors



 Ergonomic floor mopping and wringing out of the mop without bending down



 The intuitive two-chamber system ensures hygienic cleaning results by excluding the re-application of the dirty solution



 Effective mop preparation with visual inspection – without touching it



# How does the system work to truly clean floors?



### **DUAL BUCKET TECHNOLOGY**

OmniClean features dual bucket technology to separate clean and dirty solutions, ensuring the StayClean charging bucket is always clean







### Unger OmniClean DUAL BUCKET KIT

### Included in this kit is an Excella Straight Pole with storage clip

- Straight Pole with Clip
- Pad Holder
- Microfiber Pads (2)
- SmartColor Rectangular Labels (2)
- Carriage with Wringer
- Gray Bucket 1.5 gal/5.7 L (2)
- Blue StayClean Guide
- Gray Scrub Board
- Gray Bucket Handle
- Blue StayClean Bucket Handle
- Offset Carriage Handle

Part No.	Pole Type:	Case Qty.
CLBK1	STRAIGHT	1

Separate dirty

solution bucket for









## Achieve a healthier level of clean!

### **ADVANTAGES**



### **READY-TO-GO AT ANY TIME AND ANYWHERE**

- Ready-to-use immediately
- No lengthy preparation, such as filling buckets, required
- Cleaning chemicals can be replaced in a matter of seconds



### INCREASED PRODUCTIVITY WITH FATIGUE-FREE WORK

- Reduces the extreme strain placed upon employees and prevents work-related musculoskeletal diseases
- No lifting and carrying of heavy buckets
- Significantly less effort required for use when you need them





### A TOP-QUALITY PROFESSIONAL TOOL

- First-class materials guaranteeing a long service life
- Robust tool for long-term use
- Sophisticated product design for intuitive handling



LIQUID DISPENSING

TRIGGER

### Unger Excella Floor Cleaning Kit allows you to:



### Feel the intuitive motion

Two options available with straight or offset handles for comfort and minimal effort

 Ease back-breaking work with an innovative ergonomic design



 Increase cleaning speed with a self-steering pole and the elimination of buckets



 Clean a variety of spaces with enhanced system portability and size options

# **Ultra-fast &** ergonomic floor mopping and finishing

### **INCREASED PRODUCTIVITY THANKS TO CONTINUOUS WORK WITHOUT INTERRUPTION**

- Finishing work with just one person
- No lifting or carrying heavy buckets
- Protects employees against high levels of strain and job-related diseases of the musculoskeletal system

### A PROFESSIONAL TOOL GUARANTEEING **TOP WORKING RESULTS**

• Lint free and non-soaking pad for easy and perfect distribution of solution





### **Unger Excella FLOOR FINISHING** OFFSET KIT 18"/45 CM

### Included in this kit is an Excella Offset Pole for ergonomic floor finishing

- EFPL1 Offset Pole with Actuator
- EF40B Mop Pad Holder 18"/45 cm
- EF40F Finishing Pad 20"/51 cm (3)
- Large Bottle 34 oz/1 L (2) EFBTL
- EFBAP Backpack Complete 1.3 gal/5 L

Part No.	Pole Type:	Case Qty.
EFKT3	OFFSET	1



### Included in this kit is an Excella Offset Pole for ergonomic floor mopping

- EFPL1 Offset Pole with Actuator
- EF40B Mop Pad Holder 18"/45 cm
- EF40M Cleaning Pad 20"/51 cm (2)
- EFBTL Large Bottle 34 oz/1 L (2)

Part No.	Pole Type:	Case Qty.
EFKT1	OFFSET	1



# **Unger Excella** FLOOR CLEANING STRAIGHT KIT 18"/45 CM

### Included in this kit is an Excella Straight Pole for ergonomic floor mopping

- EFPL4 Straight Pole with Actuator
- Mop Pad Holder 18"/45 cm EF40B
- EF40M Cleaning Pad 20"/51 cm (2)
- EFBTL Large Bottle 34 oz/1 L (2)

Part No.	Pole Type:	Case Qty.
EFKT8	STRAIGHT	1







# The most efficient indoor cleaning tool ever!

### **ADVANTAGES**



### **ELIMINATE AIRBORNE CHEMICALS**

•Unger Stingray eliminates airborne chemicals keeping students and faculty safe



### **REACH UP TO 18' WITH QUICK CLICK ATTACHMENT POLES**

·Assist in cleaning hard to reach and high access areas without ladders or lifts



### PREFERRED CHEMICAL SOLUTIONS

•Refillable bottle allowing choice of cleaning solution



### **CLEANING PAD FLEXIBILITY**

•Power of microfiber or convenience of disposable QuikPad





### INCREASED PRODUCTIVITY, GREATER COST EFFICIENCY AND SUSTAINABILITY BECAUSE:





• 39% less liquid consumption\*\*



Numerous ergonomic benefits improve workers' comfort and safety – less downtime and health risks!



Perfect for all day cleaning: no drips and no runs = no mess and health risks!

<sup>\*</sup>Source: Market Research – Professional Window Cleaners. Germany/UK, 2015, SR Strategy Routes
\*\*compared to traditional spray and cloth cleaning (Source: "Interior Glass Cleaning", 16.07.15, Sabine R. Mück, Hygiene Consult Mück)



Stingray Refillable System -Ultimate flexibility

### **REFILLABLE 5 oz BOTTLE**

- Can be filled with conventional multi-surface or window and glass cleaners
- Large opening for easy filling: ready to use in seconds







- Three pad options available:
  reusable microfiber pads, reusable
  cleaning pad, and disposable
  QuikPad
- QuikPads: one pad can be used to clean up to 150 SF/13.9 SM
- Microfiber Washing Pad: one pad can be used to clean up to 1,800 SF/167.2 SM
- Microfiber Cleaning Pad: one pad can be used to clean up to 1,800 SF/167.2 SM









### Stingray with two long and one short pole

- Stingray Handheld
- SREPL Extension Pole Long 4'(2)
- SREPS Extension Pole Short 2'(1)
- SRPD2 Glass Washing Pad (2)
- SRBT1 Stingray Refillable Bottle (2)

# Stingray REFILLABLE SYSTEM KIT 5'

### Stingray with one long pole

- Stingray Handheld
- SREPL Extension Pole Long 4'(1)
- SRADK QuikPad™ Adapter Kit
- SRBT1 Stingray Refillable Bottle (2)



# **Stingray** REFILLABLE MICROFIBER CLEANING KIT DELUXE 11'

### Stingray complete with convenient carrying bag

- Stingray Handheld
- SREPL Extension Pole Long 4'(2)
- SREPS Extension Pole Short 2'(1)
- SRPD2 Glass Washing Pad (2)
- SRBT1 Stingray Refillable Bottle (2)
- SRBAG Stingray Bag (1)

		• •	-		
Part No.	Case Qty.	Part No.	Case Qty.	Part No.	Case Qty.
SRKB4	1	SRKB2	1	SRKB7	1



For the full line of cleaning products, visit our website at ungerglobal.com



# Cleaning with Pure Water

### WHAT IS PURE WATER?

It's water in its purest form, physically processed to remove the minerals that would otherwise lead to limescale spots and streaks. Such impurities are referred to as **TDS** (total dissolved solids) and are measured in **ppm** (parts per million).

The water is considered 100% demineralized (pure) when TDS is 0 ppm

### **ADVANTAGES**



### FASY:

Easy to operate and simple resin change



### FAST:

Twice as fast as traditional glass cleaning - just one process



### **COST-SAVING:**

Half the labor costs. No rental for lifts



### **ENVIRONMENTALLY FRIENDLY:**

Glass cleaning completely without chemical cleaning agents



### SAFE:

Safe working from the ground up to the 6th floor, with no need for ladders or lifts

\*Prof. Dr. rer.nat. Gerhard Winter, Albstadt-Sigmaringen University, seminar documents February/March 2011









13





### **TYPICAL APPLICATIONS**



### **WINDOW AND FACADE CLEANING:**

- Fast and effective method great results!
- Easy access to hard to reach areas





### **SOLAR PANEL CLEANING:**

- Regular cleaning prevents build up of dirt for greater energy output
- Solar yield can be increased significantly!
- Cleaning with 100% pure water leaves no streaks or detergent residue





### **TYPES OF WATER PURIFICATION**

There are 2 recognized methods of pure water production in the window cleaning industry – Reverse Osmosis and Deionization. The **UNGER** filters utilize either of these methods



### **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



DI filter



**RO** filter









# Efficient pure water cleaning with a DI system

### THE HYDRO POWER® ULTRA SYSTEM

The **UNGER HydroPower® Ultra** is 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

### **ULTRA RESIN PACKS**



### **RECOMMENDED USE**

- · Areas with soft or medium water hardness
- 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.



### **HYDRO POWER® ULTRA SYSTEMS**



Part No. Case Qty.

UHP01

HydroPower® ULTRA LARGE TANK

Includes 3 resin packs

Part No. Case Qty.
UHP03 1

Part No. Case Qty.
UHP3C 1



# Your economical solution for cleaning with pure water in hard water areas

### **REVERSE OSMOSIS FILTER (RO)**

Cleaning with pure water reduces running costs, especially in areas with hard water. The **HydroPower® RO** 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

### **BENEFITS**



### QUALITY

- Centrifugal pump made of stainless steel for constant and high water flow
- Trouble-free operation even after a long time



### **EASY**

- The pre-filter and DI filter are easy to replace and can be visually inspected during work
- Removable back cover for easy access to all electrical components



### **LONGEVITY**

- High-quality materials ensure a long service life
- Durable stainless steel quick connectors prevent dripping
- Heavy-duty stainless steel frame with maintenance-free solid rubber wheels

### **RECOMMENDED USE**

- Areas with hard to very hard water hardness
- Constant water purification with high water demand









### **ADDITIONAL FEATURES**

- Pure Water Mode: up to 60 gal./h (227l/h) of pure water with 58 PSI (4 bar)
- BOOST Mode: 108 gal./h (409l/h) of tap water with 116-145 PSI (8-10 bar)
- 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





### **EASY AND SAFE OPERATION**

- TDS measuring device shows the quality of the source water at the push of a button
- Manual flushing of the RO membrane for an extended service life
- Automatic shutdown function to protect the pump if the water supply fails





### **BOOST MODE**

- Pure water mode: pure water for streak-free cleaning of windows and facades
- Boost mode: strong tap water jet on demand for prewashing heavily soiled surfaces and cobwebs

HydroPower® R0	
Includes cart	
Part No.	Case Qty.
R020S	1

### **B** WATERFED POLE TOOLS



# A milestone for pure water cleaning: The nLITE® waterfed pole system

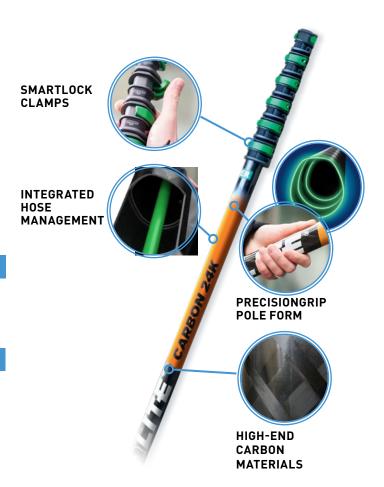
### **UNGER nLITE®**

**UNGER Gen 2 nLITE®** waterfed poles are designed to take your pure water cleaning performance to new heights, while keeping workers safe on the ground

### **ADVANTAGES**



- 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** COMPOSITE



### Generation 2 nLITE® CARBON COMPOSITE TELESCOPIC POLE

High quality mix of carbon and glass fibers Telescopic pole for small to medium heights

- Recommended for working heights of up to 32.5 10m
- Telescopic poles, not extendable with extension poles
- Strength of material: 100 GPa\*



### CARBON 24 K



Generation 2 nLITE® CARBON 24K TELESCOPIC POLE Superior rigidity, lightweight pole

Premium carbon fibers in a unique weave of 24,000 fibers per bundle Telescopic pole for medium heights

- Recommended for working heights of up to 52.5 '/16 m
- CF60T: Telescopic pole, not extendable with extension poles
- CF86G: Main pole (extendable with CF33G Extension Pole)
- Strength of material: 210 GPa\*

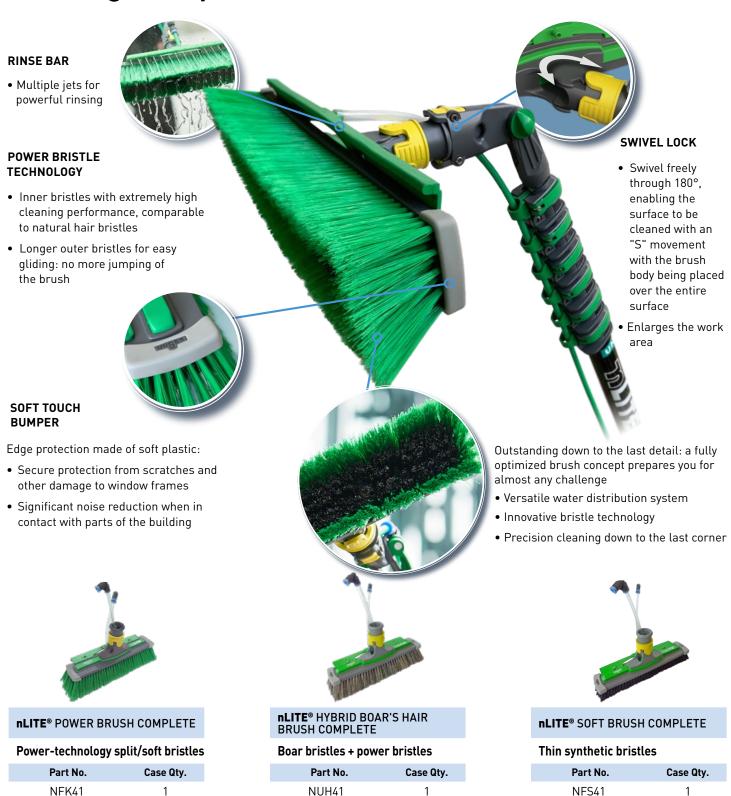
Part No.	Info	Extended Height	Sections	Part No.	Info	Extended Height	Sections
CC32T	Telescopic pole	10.5 /3.2m	2	CF60T	Telescopic pole	20 <b>/</b> 6m	4
CC60T	Telescopic pole	20 <b>/</b> 6m	4	CF86G	Main pole	28 /8.5m	6
CC85T	Telescopic pole	28'/8.5m	6	CF33G	Extension pole	10.5 /3.2m	2

- 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.
- \*GPa (Gigapascal) is a unit of measure of material strength



### **B** WATERFED POLE TOOLS

# **nLITE**® Power Brushes for the daily challenges in cleaning with pure water



# nLITE® Angle Adapters clean from every angle!

### **EASILY ADJUSTABLE**

Simple, fast and stable connection for every working situation with a single click:

- Change brushes in seconds
- Adjust brush angle in 45° stages
- No twisting when cleaning!

Simply adapt the modular angle adapter individually to your application



For the full line of cleaning products, visit our website at ungerglobal.com



### WATERFED POLE TOOLS

**nLITE**® PowerPad for faster and easier pure water cleaning

The innovative **nLITE® PowerPad** is the ultimate alternative to waterfed brushes for cleaning glass surfaces. This intuitive and revolutionary design makes cleaning with pure water faster and more effective. Ideal for first floor cleaning.

Perfect for pure water professionals and those new to Unger pure water technology.



# 360° MOVEMENT Innovative swivel function allows for 360° movement, creating permanent contact on the glass Can be locked in 7 working positions for every type of use

### POWERFUL RINSING

Special rinse bar for powerful, uniform rinsing of the pad and glass over the entire width



### **FULLY COMPATIBLE**

Suitable for all **nLITE**® and Optiloc poles from **UNGER**, as well as a handheld tool for easy to reach windows



- Larger contact area on the glass – faster and more effective than any brush
- Constant pure water flow self-cleans the pad to reduce dirt build-up
- Highly effective microfiber technology for streak-free cleaning

# nLITE® POWERPAD Handle & Microfiber PowerPad

			,
Part No.	Info	Size	Case Qty.
PWH35	Complete	14"/35 cm	1
PWH45	Complete	18"/45 cm	1
	PWH35	PWH35 Complete	PWH35 Complete 14"/35 cm

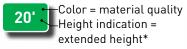
10'

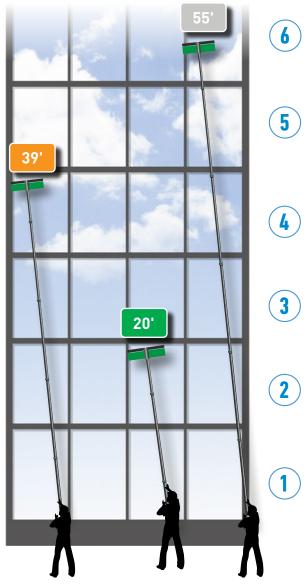
### nLITE® MICROFIBER POWERPAD

### Microfiber PowerPad

Part No.	Info	Size	Case Qty.
PWP35	Microfiber	14"/35 cm	5
PWP45	Microfiber	18"/45 cm	5

### **B** WATERFED POLE KITS





\*Each floor represents 10'





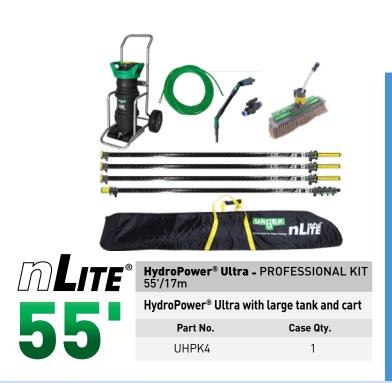
HydroPower® Ultra - ENTRY KIT 20'/6m

HydroPower® Ultra with small tank

Part No. Case Qty.

UNLK1 1







# 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.

For our latest terms and conditions, please refer to our website: usa.ungerglobal.com/terms-of-use/ or scan here!



# THE MOST INNOVATIVE CLEANING TOOL SOLUTIONS FOR FASTER, SAFER AND CLEANER RESULTS

Unger Enterprises, LLC 425 Asylum Street Bridgeport, CT 06610 Tel.: (1) 800.431.2324 Fax: (1) 800.367.1988 unger@ungerglobal.com Unger Germany GmbH Piepersberg 44 D-42653 Solingen Tel.: (49) 212 2207 0 Fax: (49) 212 2207 222 ungereurope@ungerglobal.com Unger UK Ltd. F1 Deansgate 62-70 Tettenhall Road Wolverhampton, WY1 4TH Tel.: (44) 01902 306633 Fax: (44) 01902 306644 ungeruk@ungerglobal.com

