

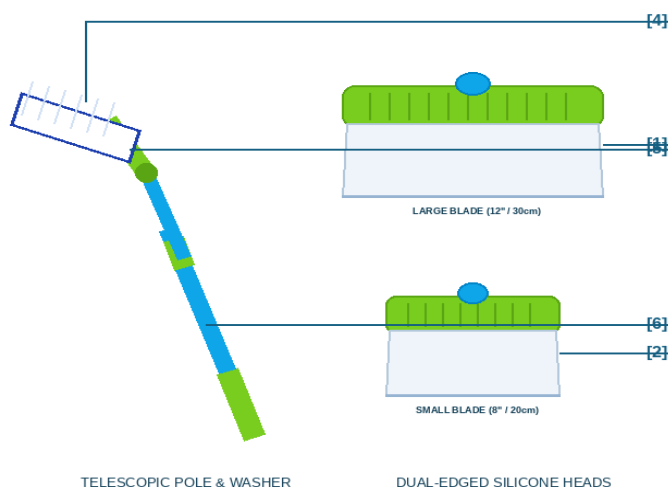


Blade Window Pro

DUAL-EDGED SILICONE SQUEEGEE & CLEANING SYSTEM

Streak-Free Dual Silicone Edges • Flexible Articulated Adapter • Telescopic Extension Pole

MODEL: BWP-MAN100 • SKU: BWP-MAN100 • DUAL-SIZE HEADS (12" & 8")



SYSTEM COMPONENT GUIDE

1. Large 12" Silicone Blade

Wide dual-edged flexible silicone squeegee for patio doors, glass & showers.

2. Small 8" Silicone Blade

Compact dual-edged silicone squeegee for car mirrors, tiles & divided panes.

3. High-Elasticity Silicone Edge

Non-scratch medical-grade silicone conforms to curves; temperature-resistant.

4. Microfiber Washer Head

Dense, plush microfiber scrubber pad with royal blue edge trim for pre-washing.

5. Flexible Articulated Adapter

Bends and locks at multiple angles to reach awkward glass & windshield slopes.

6. Telescopic Aluminum Pole

Lightweight blue extension handle (extends 2.5 to 5.0 ft) with twist-lock collar.

7. Ribbed Comfort Grip

Ergonomic non-slip lime green handle grip with integrated hanging loop.

INSTRUCTION & OWNER'S OPERATING MANUAL

Please read this manual thoroughly before operating your Blade Window Pro cleaning set and retain for future reference.

For customer service inquiries or warranty support, visit redferment.com or call 1-877-387-7770.

1. Product Overview & Silicone Engineering Advantage

Thank you for choosing the **Blade Window Pro** (SKU: BWP-MAN100 / FlexiClean Set) from **Redfern Enterprises**. Engineered to provide professional-grade drying and streak-free polishing across any smooth surface, the Blade Window Pro replaces outdated, stiff rubber squeegees with **medical-grade high-elasticity silicone technology**. Equipped with precision dual-edged blades, a multi-angle **flexible articulated neck adapter**, a plush microfiber washing pad, and an extendable **telescopic aluminum pole**, this system glides effortlessly over flat glass, contoured automotive windshields, and tiled walls with minimal friction and zero surface scratches.

Why Dual-Edged Silicone Outperforms Rubber

Dual-Edged Silicone Wiper Profile	Engineered with symmetrical precision wiping lips on both sides of the blade. As you glide across glass, the leading edge displaces bulk water while the trailing edge simultaneously polishes the surface dry. This dual-action design captures water trapped in tile grout joints and window frame corners effortlessly.
Extreme Temperature Resilience (-40°C to +150°C)	Unlike organic rubber that hardens, cracks, rots, and chips when exposed to freezing Canadian winters or blazing summer sun, high-grade silicone retains 100% of its elasticity in all weather conditions. It provides a consistent, chatter-free glide year after year.
100% Scratch-Free Gentle Contact	Specially formulated non-porous silicone is inherently gentle on delicate coatings. Completely safe on window tint films, anti-glare mirrors, frameless shower coatings, automotive clear coats, fiberglass boat gelcoats, and hot tub acrylics.
Dual-Size Interchangeable Squeegee Heads	Includes both a Large 12" (30 cm) head for rapid clearing of expansive patio sliders, commercial glass, and tile walls, and a Small 8" (20 cm) head for divided window panes, car side mirrors, and compact bathroom vanities.
Plush Microfiber Pre-Washer Head	Dense, ultra-absorbent microfiber pad with royal blue edge trim snaps securely onto the pole to lather cleaning solution, loosen road grime, bird droppings, and pollen before squeegee drying.

Key Benefits & Usability Features

- **Streak-Free Shine in One Pass:** High-elasticity silicone conforms to surface irregularities, eliminating water streaks and chatter marks.
- **Articulated Flexible Adapter:** Adjusts and locks at multiple angles to clean windshields, transom glass, and high windows comfortably.
- **Telescopic Aluminum Reach:** Extends smoothly from 2.5 ft up to 5.0 ft (0.75 m to 1.5 m) with an intuitive twist-lock collar.
- **Non-Porous & Hygienic:** Silicone does not harbor mildew, bacteria, or odors; simply rinse clean under running water.
- **Eco-Friendly Cleaning:** Eliminates disposable paper towels and chemical-heavy aerosol sprays—clean with water or mild soap.

Versatile Multi-Surface Applications

- **Home Windows & French Doors:** Clean exterior and interior glass quickly and effortlessly.
- **Frameless Shower Doors & Mirrors:** Prevent mineral scale and soap scum buildup after every shower.
- **Vehicles, RVs & Campers:** Dry curved windshields, panoramic glass roofs, and painted panels without micro-marring.
- **Marine Boats & Yachts:** Clear salt spray and morning dew from helm windscreens, hatches, and hull surfaces.
- **Tiled Walls & Countertops:** Pull standing water from quartz, granite, and kitchen tile surfaces.

2. System Anatomy & Operating Guide

Component Anatomy Reference

Identify the primary attachments and adjustment points included with your Blade Window Pro set:

Component	Material / Finish	Function & Description
1. Large 12" Squeegee Head	Lime green ABS / Silicone	30 cm wide dual-edged silicone blade designed for expansive patio glass, large mirrors, and shower enclosures.
2. Small 8" Squeegee Head	Lime green ABS / Silicone	20 cm wide dual-edged silicone blade tailored for divided windows, car side mirrors, and compact bathroom vanities.
3. Microfiber Washer Head	Plush microfiber / Blue trim	High-density looped microfiber scrubber pad that snaps onto the pole to apply soapy water and break down grime.
4. Flexible Neck Adapter	Articulated lime green polymer	Multi-position articulated joint that bends and holds angles to reach sloped windshields and high transoms.
5. Telescopic Pole Shaft	Anodized blue aluminum	Lightweight, corrosion-resistant extension handle extending from 2.5 ft up to 5.0 ft (0.75 m to 1.5 m).
6. Twist-Lock Collar	Lime green threaded grip	Quick-twist locking mechanism; twist counter-clockwise to loosen, extend pole, and clockwise to lock securely.
7. Ergonomic Comfort Grip	Ribbed lime green elastomer	Non-slip hand grip with integrated hanging eyelet for convenient wall-hook storage.

Step-by-Step Operating Instructions

Step 1: Selecting the Right Tool Head:

- For pre-washing and scrubbing dirty exterior glass: Attach the Microfiber Washer Head.
- For large flat glass, patio sliders, and shower doors: Select the Large 12" (30 cm) Silicone Head.
- For vehicle glass, mirrors, and divided window panes: Select the Small 8" (20 cm) Silicone Head.

Step 2: Attaching Tools to the Pole: Align the blue pivot socket of the squeegee or washer head with the green tip of the articulated adapter. Push firmly until it clicks securely into place. To remove, depress the release tab and pull.

Step 3: Adjusting Pole Length & Angle:

- Turn the green collar counter-clockwise, slide the blue aluminum shaft to your desired length (up to 5 ft), and tighten clockwise.
- Flex the green neck adapter to your desired working angle (straight for vertical glass; angled for windshields or high transoms).

Step 4: Pre-Washing the Surface: Dip the Microfiber Washer Head into warm soapy water (or spray glass cleaner directly on glass). Scrub the entire surface thoroughly to dissolve dirt, grease, bird droppings, and mineral dust.

Step 5: Squeegee Gliding Technique:

- Place the silicone blade flush against the wet surface at a **45° angle**.
- Apply light to moderate pressure—silicone adheres naturally to glass and does not require heavy muscle force.
- Glide the squeegee smoothly from top to bottom in overlapping vertical strokes.
- Wipe the silicone blade edge with a clean towel periodically between passes for a flawless finish.

Step 6: Cleaning Grout & Corners: For tile walls and shower enclosures, run the blade vertically down grout lines to pull out trapped water droplets.

PRO-TIP FOR PROFESSIONAL CRYSTAL CLARITY:

Always squeegee wet glass—never drag the silicone blade across dry, dusty surfaces. Let the high elasticity of the silicone do the work; excessive pressing can bend the blade too flat and reduce edge contact efficiency.

3. Important Safety Information & Safeguards

■ ■ CAUTION & SAFETY GUIDELINES:

- **OVERHEAD ELECTRICAL POWER LINE HAZARD:** The telescopic pole contains aluminum alloy metal that conducts electricity. Never use the extension pole near exposed overhead power lines, service drops, or electrical transformers. Maintain a minimum clearance of 10 feet (3 meters) at all times.
- **NO LADDER CLIMBING:** The telescopic handle is engineered to eliminate ladder use. Always stand with both feet firmly on level ground when using the extension pole. Do not use from unstable ladders or chairs.

Surface Protection & Pre-Inspection

- **Inspect for Abrasive Sand or Grit:** Before squeegeeing automotive windshields or delicate glass, thoroughly rinse away coarse road grit, gravel dust, or dried mud. Dragging trapped sand across glass with any tool can cause scratches.
- **Compatible Cleaners:** Use standard household glass cleaners, mild dish soap solutions, or water-and-vinegar mixtures. Do not use strong industrial acids, acetone, petroleum ether, or harsh caustic alkalis that could degrade plastic socket connections.
- **Cracked Glass Warning:** Do not apply pressure over cracked, fractured, or loose window panes, as pressure may cause glass breakage.

Telescopic Pole Handling Safeguards

- **Secure Twist-Lock:** Always confirm the green locking collar is firmly tightened before raising the pole overhead to prevent unexpected shaft collapse.
- **Weight Balance:** When working with the fully extended 5 ft pole, grip with both hands spaced comfortably apart on the handle to maintain steady leverage and control.
- **Overhead Debris:** When washing exterior second-story glass, wear protective eyewear to prevent dirty cleaning droplets or dislodged debris from splashing into eyes.

Storage & Child Safety

Keep the telescopic pole and attachments out of reach of unsupervised small children. Store in a clean, dry location away from high heat sources or open flames. Do not store heavy objects on top of the silicone squeegee blades to prevent permanent blade creasing.

4. Maintenance, Cleaning & Troubleshooting

Routine Cleaning & Blade Preservation Guide

- Proper post-cleaning maintenance ensures lasting silicone elasticity, hygienic microfiber performance, and smooth pole telescoping:
- 1. Rinsing Silicone Squeegee Blades:** After each cleaning session, rinse the silicone blade thoroughly under warm running tap water to remove soap residue and dirt. Wipe dry with a clean cloth or hang by the pole loop to air-dry. The non-porous silicone prevents mold, mildew, and mineral buildup.
 - 2. Washing the Microfiber Washer Pad:** Peel the microfiber pad from its bracket. Machine wash in warm water using mild laundry detergent. **Do not use bleach or fabric softeners**, as they coat the microfiber filaments and diminish water absorption. Tumble dry on low heat or air dry.
 - 3. Flexible Adapter Care:** Periodically rinse the articulated joint under running water to flush out trapped dirt particles and keep the angle adjustment moving smoothly.
 - 4. Telescopic Pole Maintenance:** If using in outdoor dusty environments or around saltwater (marine cleaning), wipe down the aluminum shaft with a damp cloth and dry before collapsing to ensure smooth telescoping action.
 - 5. Correct Storage:** Always hang the tool by the handle loop or store with the silicone blade facing upward. Never rest the tool on its silicone edge against hard floors, which can deform the wiping lips.

Troubleshooting Matrix

Observed Condition	Probable Cause	Recommended Action
Streaks appear behind the squeegee	<ul style="list-style-type: none">• Glass surface too dry before squeegee.• Dirt or lint stuck to silicone edge.• Pressure applied unevenly.	<ul style="list-style-type: none">• Re-wet glass thoroughly before wiping.• Wipe silicone edge with damp microfiber.• Maintain steady 45° angle with even stroke.
Blade chatters or skips across glass	<ul style="list-style-type: none">• Excessive downward hand pressure.• Insufficient soapy lubrication on glass.	<ul style="list-style-type: none">• Relax grip pressure; let silicone glide naturally.• Add a few drops of mild soap to wash water.
Telescopic pole slips or collapses	<ul style="list-style-type: none">• Green twist-lock collar not fully tightened.• Soap or grease on inner shaft.	<ul style="list-style-type: none">• Firmly turn collar clockwise until locked.• Extend pole, wipe dry with alcohol wipe, and re-lock.
Squeegee head wobbles on pole tip	<ul style="list-style-type: none">• Pivot socket not clicked in completely.• Locking tab misaligned.	<ul style="list-style-type: none">• Press head firmly onto adapter until positive click is heard.• Verify release tab is fully seated.
Water remains trapped along glass edges	<ul style="list-style-type: none">• Stroke stopped too early.• Silicone blade angled away from frame.	<ul style="list-style-type: none">• Continue stroke completely to bottom sill.• Use Small 8" blade for narrow frames.

5. Technical Specifications & Warranty

Technical Specifications Table

Specification Parameter	Official Value / Construction Rating
Product Brand & Model	Blade Window Pro Dual-Edged Silicone Cleaning System
Model Number / SKU	Model: BWP-MAN100 • SKU: BWP-MAN100
Blade Material & Chemistry	100% Medical-Grade High-Elasticity Non-Scratch Silicone
Blade Profile	Precision Symmetrical Dual-Edged Wiping Lip
Temperature Tolerance Range	-40°F to +302°F (-40°C to +150°C) All-Weather Elasticity
Large Squeegee Head Width	12.0 Inches (30.0 cm) — Expansive Patio & Commercial Glass
Small Squeegee Head Width	8.0 Inches (20.0 cm) — Automotive Mirrors, Tiles & Panes
Telescopic Pole Reach	Extends from approx. 2.5 Feet (0.75 m) up to 5.0 Feet (1.5 m)
Pole Construction Material	Corrosion-Resistant Anodized Blue Aluminum Alloy + Lime Green Grip
Flexible Neck Articulation	Multi-Angle Locking Joint for Contoured Glass & Windshields
Pre-Washer Material	High-Density Looped Microfiber Pad with Royal Blue Bound Trim
System Net Weight	Approx. 1.1 lbs (500 g) — Ultra-Lightweight Fatigue-Free Handling
Included In Complete Set	1x 12" Head, 1x 8" Head, 1x Washer Head, 1x Pole, 1x Manual
Surface Compatibility	Glass, Tinted Windows, Mirrors, Acrylics, Tiles, Gelcoat, Granite

Redfern Enterprises 1-Year Limited Manufacturer Warranty

Redfern Enterprises Ltd. warrants this product against defects in materials and workmanship under normal household use for a period of **one (1) year** from the date of original retail purchase. During the warranty period, Redfern Enterprises will, at its option, repair or replace the defective unit free of charge. This warranty does not cover damage resulting from accident, misuse, abuse (including using harsh abrasive chemicals or extreme physical bending beyond design limits), commercial abuse, alteration, or unauthorized repair. To register your product or initiate a warranty service claim, please retain your original proof of purchase and contact our customer service team.

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