

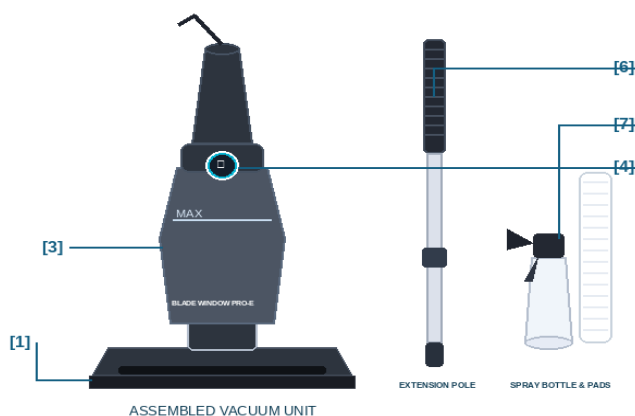


Blade Window Pro-E

CORDLESS WINDOW VACUUM & SQUEEGEE SYSTEM

Drip-Free Suction Water Recovery • 3-Step Cleaning • Telescopic Extension Pole Included

MODEL: BWP-E100 • SKU: BWP-E100 • 3.7V LITHIUM-ION • RECHARGEABLE



DEVICE COMPONENT GUIDE

1. 11" Precision Rubber Squeegee

Wide, flexible rubber blade channels moisture directly into suction intake.

2. High-Efficiency Suction Intake

Captures dirty water instantly, preventing drips, streaks, and puddles.

3. Smoked Recovery Reservoir

Translucent dirty water tank with embossed MAX fill line & quick-drain plug.

4. One-Touch Power Button

Tactile push-button with illuminated LED ring for battery & power status.

5. Ergonomic Tapered Handle

Comfort-grip casing with integrated safety wrist strap / hanging loop.

6. Heavy-Duty Extension Pole

Included high-reach pole (\$29.99 value) connects for high windows & skylights.

7. Spray Bottle & Microfiber Pads

Dual-action pre-wash sprayer with 2 reusable, machine-washable pads.

INSTRUCTION & OWNER'S OPERATING MANUAL

Please read this manual thoroughly before operating your cordless window vacuum and retain for future reference.

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

1. Product Overview & 3-Step Cleaning System

Thank you for choosing the **Blade Window Pro-E** (SKU: BWP-E100) from **Redfern Enterprises**. Engineered to eliminate the mess, puddles, and streaks of traditional window washing, the Blade Window Pro-E combines a commercial-grade flexible rubber squeegee with a high-efficiency electric suction vacuum. As you sweep the blade down any smooth glass or tiled surface, the integrated vacuum motor instantly extracts wastewater directly into an onboard recovery tank before a single drop can drip onto window sills, carpets, or walls. Complete with a **bonus heavy-duty extension pole**, ergonomic spray bottle, and reusable microfiber cloths, it delivers sparkling, crystal-clear results in half the time.

The Proven 3-Step Cleaning Workflow

Step 1: Spray & Moisten	Fill the included spray bottle with your preferred glass cleaner, water-and-vinegar solution, or mild soapy water. Mist the solution evenly across the dirty window, mirror, or shower enclosure to dissolve surface dirt and grime.
Step 2: Scrub & Agitate	Use the washable microfiber pad mounted on the spray head (or by hand) to loosen stubborn dirt, grease, bird droppings, pollen, and water deposits across the glass without scratching delicate coatings.
Step 3: Vacuum Dry with Squeegee	Power on the Blade Window Pro-E and glide the precision rubber blade smoothly from top to bottom. The powerful suction channel pulls all dirty water and foam straight into the sealed recovery reservoir, leaving a 100% dry, streak-free surface.
High-Reach Extension Pole (Included \$29.99 Value)	Connect the heavy-duty telescopic pole to clean high second-story windows, vaulted glass, transoms, and RV windshields safely with both feet planted securely on the ground—no dangerous ladders required.
Cordless Rechargeable Lithium-Ion Power	Powered by an efficient 3.7V rechargeable lithium-ion battery providing up to 45 minutes of continuous vacuuming per charge (enough to clean over 40 standard residential windows). Quickly recharges via any standard USB power source.

Key Benefits & Multi-Surface Versatility

- **Drip-Free & Streak-Free:** High-velocity suction completely eliminates water streaks, drips down walls, and messy puddles on window sills.
- **Ultra-Lightweight & Ergonomic:** Weighs only 1.4 lbs (650 g), minimizing wrist and shoulder fatigue during extended whole-house cleaning.
- **Transparent Smoked Water Tank:** Easy-to-view wastewater level with clear MAX indicator and rapid-pour drain plug.
- **Washable & Eco-Friendly:** Microfiber cloths and squeegee blade are fully reusable, eliminating endless paper towel waste.
- **All-Weather Outdoor & Indoor Use:** IPX4 water-resistant rating allows confident use in bathrooms, patios, garages, and driveways.

Recommended Multi-Surface Applications

- **Residential Windows & Patio Sliders:** Clean interior and exterior window panes in seconds with zero dripping.
- **Glass Shower Doors & Enclosures:** Remove daily hard-water droplets and prevent limescale and soap scum accumulation.
- **Bathroom Mirrors & Tiled Walls:** Quickly clear morning steam condensation and water splatters from tiles and vanity mirrors.
- **Automotive Windshields & Sunroofs:** Maintain crystal-clear visibility on car, truck, and RV windshields without water spotting.
- **Quartz & Granite Countertops:** Instantly vacuum up accidental kitchen beverage spills and liquid messes.

2. Device Anatomy & Operating Guide

Component Anatomy Reference

Review the key functional parts of the Blade Window Pro-E system prior to assembly and operation:

Component	Location	Function & Description
1. Rubber Squeegee Blade	Suction head edge	Precision 280 mm (11") flexible rubber blade that glides smoothly across glass to collect water directly into the suction slot.
2. Vacuum Suction Nozzle	Behind rubber blade	Intake channel powered by high-velocity motor that pulls dirty water into the collection reservoir without splashing.
3. Smoked Water Reservoir	Center front body	Translucent collection tank with embossed MAX fill line (~150 ml capacity), printed logo, and rapid-drain rubber plug.
4. Master Power Button	Center upper collar	Tactile push-button with illuminated LED indicator ring (glows blue/cyan when running, red when charging, green when fully charged).
5. Ergonomic Handle & Strap	Top body section	Comfort-contoured grip featuring a durable wrist lanyard / hanging strap for safety during handheld or elevated use.
6. USB Charging Port	Base / lower handle	Sealed charging port with protective silicone moisture cover; connects to standard 5V USB charging cable.
7. Extension Pole Socket	Handle base cavity	Reinforced socket that locks securely onto the included telescopic extension pole for high-reach glass cleaning.
8. Telescopic Extension Pole	Included accessory	Multi-stage heavy-duty extension pole with ribbed rubber hand grip, twist-lock mechanism, and threaded quick-lock connection.

Step-by-Step Operating Instructions

- Step 1: Charging the Battery:** Before initial use, fully charge the unit. Open the silicone port cover on the handle base and connect the USB charging cable to a standard 5V / 1A USB adapter. The LED ring will illuminate red while charging and switch to solid green when fully charged (~3 hours).
- Step 2: Assembling the Squeegee Head:** Align the wide suction squeegee head with the front intake collar of the main unit and press firmly until you hear a solid 'click'. Ensure the locking latch is fully engaged.
- Step 3: Attaching the Extension Pole (Optional for High Windows):** Insert the top connector of the telescopic pole into the handle base socket. Twist the locking collar clockwise until tight. Adjust pole length by loosening the twist-lock collar, extending the shaft, and retightening.
- Step 4: Pre-Cleaning the Glass:** Spray glass cleaning solution evenly onto the surface. Using the spray bottle's attached microfiber cloth, thoroughly wipe and agitate the surface to break down dust, fingerprints, and residue.
- Step 5: Vacuuming & Squeegee Operation:** Press the Power Button (■). The vacuum motor will start and the LED ring will illuminate. Hold the squeegee blade firmly against the top edge of the glass at a 45° angle. Glide smoothly downward in slow, overlapping strokes. The suction automatically recovers all water.
- Step 6: Monitoring & Emptying Water:** When dirty water reaches the **MAX** line, power off the unit. Open the rubber drainage plug over a sink to empty the reservoir, or press the tank release button to detach and rinse the tank.
- Step 7: Powering Off:** Press the Power Button once to turn off the motor. Store the unit in an upright or hanging position.

PRO-TIP FOR ZERO-STREAK WINDOWS:

Wipe the rubber squeegee edge with a clean microfiber cloth between passes to prevent residual dirt transfer. Maintain moderate, even pressure against the glass without pushing too hard. Overlap each downward stroke by 1 inch for a flawless, showroom finish.

3. Important Safety Information & Safeguards

■ ■ **CAUTION — TO REDUCE THE RISK OF ELECTRIC SHOCK, FIRE, OR INJURY:**

- **DO NOT IMMERSE THE MOTOR UNIT:** Never submerge the handle, motor body, or charging port in water or other liquids. Only the rubber squeegee head and detached recovery tank are washable under running water.
- **DO NOT VACUUM DRY DUST OR FLAMMABLE LIQUIDS:** This tool is designed strictly for recovering non-hazardous cleaning fluids from smooth surfaces. Never vacuum combustible solvents, acids, oils, ashes, or dry construction dust.
- **DO NOT EXCEED THE MAX FILL LINE:** Allowing dirty water to pass the MAX line can cause liquid to enter the vacuum motor, damaging the internal impeller and voiding your warranty.

Lithium-Ion Battery & Charging Safeguards

- **Certified USB Power Source:** Charge using only certified 5V DC / 1A to 2A USB power adapters. Do not use fast chargers exceeding 5V.
- **Dry Charging Port:** Thoroughly dry the handle base and charging port before inserting the USB charging cable. Never charge with wet hands or in damp locations.
- **Temperature Limits:** Charge and store the device at temperatures between 40°F and 95°F (5°C and 35°C). Never leave the tool inside a hot vehicle parked in direct summer sun or in freezing winter temperatures.
- **Battery Life Maintenance:** If storing the tool for an extended period, recharge the battery every 3 to 4 months to prevent deep discharge degradation.

Extension Pole & Overhead Cleaning Safety

- **Check Locking Collars:** Ensure the extension pole twist-lock collars and the handle connection socket are securely tightened before raising the unit overhead.
- **Power Line Hazard:** When cleaning exterior second-story windows, stay clear of overhead electrical power lines and utility cables. Maintain at least 10 feet of clearance.
- **Stable Footing:** Always operate the extension pole with both feet firmly on level ground. Do not use the extension pole while standing on unstable ladders, stools, or scaffolding.

Child Safety & Non-Serviceability

This cleaning appliance is not intended for use by unsupervised children. Keep the unit, charging cable, and small components out of reach of infants. **There are no user-serviceable electronic parts inside the motor housing.** Do not attempt to open the motor casing or replace the internal battery. Any unauthorized disassembly voids the manufacturer warranty immediately.

4. Maintenance, Cleaning & Troubleshooting

Routine Cleaning & Storage Guide

Proper post-cleaning care ensures maximum suction power, prevents odor accumulation, and extends blade life:

- 1. Emptying & Flushing the Recovery Tank:** After every cleaning session, open the rubber drain plug and flush the tank with clean warm tap water. If needed, unlatch the tank from the main body and wash with mild dish soap to remove sediment and soap scum.
- 2. Rubber Squeegee Blade Care:** Wipe the rubber squeegee edge with a damp cloth after each use. Inspect the edge for nicks or debris. The rubber blade can be removed from its channel and reversed or replaced if worn.
- 3. Microfiber Cleaning Pads:** Wash the reusable microfiber cloths after use. Machine wash in warm water with mild detergent. **Do not use fabric softeners or bleach**, as they coat the microfiber filaments and reduce absorbency. Air-dry or tumble-dry on low heat.
- 4. Spray Bottle Rinse:** Empty leftover cleaning solution from the spray bottle if storing for long periods. Rinse the bottle and trigger mechanism with warm water to prevent nozzle clogs.
- 5. Storage:** Ensure all components are completely dry before storage. Store in a cool, dry indoor location away from direct sunlight, out of reach of children.

Troubleshooting Matrix

Observed Condition	Probable Cause	Recommended Action
Unit does not start when Power button pressed	<ul style="list-style-type: none"> Battery completely discharged. Power button not pressed firmly. Charging cable still attached. 	<ul style="list-style-type: none"> Connect USB charging cable and recharge for 3 hours. Press center of power button firmly. Unplug charger (unit cannot operate while charging).
Suction is weak; dirty water not collecting	<ul style="list-style-type: none"> Recovery tank is full (past MAX). Squeegee head not clicked in fully. Air intake channel obstructed. 	<ul style="list-style-type: none"> Empty the dirty water recovery tank. Re-seat squeegee head until it firmly clicks. Check suction intake channel and clear hair/lint.
Streaks remain on glass after vacuuming	<ul style="list-style-type: none"> Rubber blade edge is dirty or nicked. Moving too quickly down surface. Glass surface too dry before squeegee. 	<ul style="list-style-type: none"> Wipe rubber blade with clean cloth; replace if nicked. Glide unit in slow, overlapping strokes. Apply sufficient cleaning liquid before vacuuming.
Water leaks from side air vents	<ul style="list-style-type: none"> Water exceeded MAX fill line. Unit held completely upside down. 	<ul style="list-style-type: none"> Empty tank immediately. Operate unit vertically or with gentle horizontal tilt; avoid turning upside down.
LED ring flashes red during operation	<ul style="list-style-type: none"> Battery charge is critically low. Motor overcurrent protection tripped. 	<ul style="list-style-type: none"> Recharge the unit via USB cable. Power off, clear any blockage in squeegee, and restart.

5. Technical Specifications & Warranty

Technical Specifications Table

Specification Parameter	Official Value / Performance Rating
Product Brand & Model	Blade Window Pro-E Cordless Window Vacuum Squeegee
Model Number / SKU	Model: BWP-E100 • SKU: BWP-E100
Battery Type & Voltage	3.7V DC Rechargeable Lithium-Ion Battery (2000–2200 mAh)
Rated Motor Power	12 Watts – 15 Watts (High-Efficiency Electric Suction Motor)
Charging Power Input	5V DC / 1.0A via standard USB Charging Cable (Included)
Full Charging Time	Approx. 2.5 to 3.5 Hours (Red = Charging, Green = Complete)
Operating Runtime	Up to 35 – 45 Minutes Continuous Vacuum Operation per Charge
Dirty Water Tank Capacity	Approx. 150 ml (5.1 oz) with Embossed MAX Fill Indicator
Squeegee Blade Width	280 mm (11.0 Inches) Precision High-Elasticity Rubber
Extension Pole Length	Telescopic Multi-Stage Pole: Extends up to approx. 4.0 Feet (1.2 m)
Net Weight (Vacuum Body)	Approx. 1.4 lbs (650 g) — Ultra-Lightweight Ergonomic Handheld
Water Ingress Protection	IPX4 Water Splash-Resistant Certification
Included In Complete Set	1x Vacuum Unit, 1x Pole, 1x Spray Bottle, 2x Pads, 1x Blade, 1x USB Cable
Quality & Safety Standards	CE Certified, FCC Compliant, RoHS, QC Passed

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 vacuuming corrosive chemicals or submersion of the motor housing), commercial application, alteration, unauthorized repair, or electrical surge. 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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