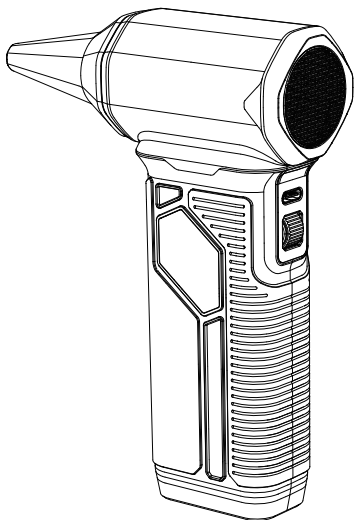


VOLINEX

COMPRESSED AIR DUSTER

VX101-Pro Max



User Manual ►

Cover/Foreword— Our Promise

Dear Customer,

Thank you for choosing our Next-Generation Ultra-Powerful High-Power Air Duster.

Before developing this product, we conducted in-depth research into user feedback on hundreds of air dusters on the market. We discovered four major pain points common to traditional dusters: inflated performance specs, excessive noise, short battery life, and slow charging. To address these, we invested significant R&D resources to create a comprehensive solution.

The product you now hold represents our answer:

- Genuine 150,000 RPM, delivering powerful airflow without inflated claims
- Adopts spiral air duct noise reduction technology, significantly reduces auditory discomfort
- 4000mAh 7.4V dual-series battery system, delivers higher energy capacity and longer runtime
- Intelligent Turbo Mode with 230G peak airflow for stubborn debris
- Multifunctional design with built-in 300-lumen LED flashlight
- Equipped with an LCD display, battery level, wind blower and flashlight status are clearly visible at a glance
- Portable convenience featuring a bottom-mounted ABS hook for easy hanging
- Secure snap-fit nozzle system for reliable, tool-free attachment

This is more than just a manual—it's our confident declaration of product performance. Please take 5 minutes to read this guide, which will help you unlock the product's full potential and enjoy a truly worry-free cleaning experience.

Accessory List & Applications

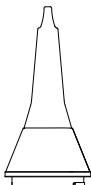
Unique Feature Notes:

- Turbo Mode: No extra accessories needed, one-touch activation
- LED Flashlight: Independently controlled switch, instant illumination
- ABS Hook: Integrated into bottom housing, ready to use out of box
- Snap-fit System: All nozzles feature tool-free, positive-locking connection

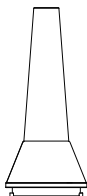
Standard Package:



Main unit x1
(with dual batteries
pre-installed)



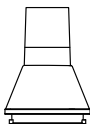
Inflatable Nozzle
to Swimming Ring



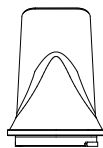
Long Nozzle



Round Nozzle



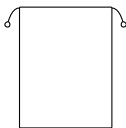
Inflatable Nozzle
to Inflatable Bed



Flat Nozzle



Charging Cable x1



Carrying case x1

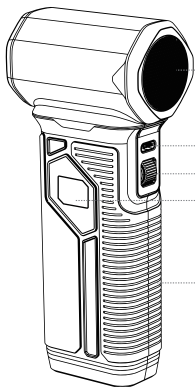


User manual x1



Brush x3

Product Structure & Component Identification



Air Inlet

Charging Port

Speed control wheel

LCD Digital Display

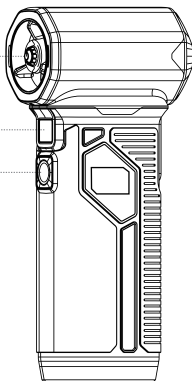
Slip Grip

Air Outlet

Lighting lamp

Power Button(Long Press)

Light Button(Short Press)



Product Specifications

Model: VX101-Pro Max

Charging Time: 3.5 hours

Battery Runtime: 3.5 hours

Turbo Mode: >11 minutes

Turbo Air Pressure: >200g

Charging Voltage: 5V

Charging Current: 2A

Charging Power: 10W

Shell Material: ABS+PC

Battery Capacity: 4000mAh × 2

Product Dimensions: 68mm (L) × 40mm (W) × 150mm (H)

Product Features & Specification Comparison

Core Technological Innovations

User Pain Points	Our Solution	Technical Implementation
"Insufficient power, can't move dust"	Genuine 150K RPM + Turbo Mode with 230G peak airflow	High-torque brushless motor + intelligent boost system, 3-minute maximum power burst
"Too loud, disturbs others"	Optimized quiet airflow design	Redesigned turbine blade angle and outlet to reduce high-frequency noise
"Battery lasts only minutes"	8000mAh dual-battery system	Two automotive-grade 4000mAh cells in parallel for substantially improved runtime
"Takes all night to charge"	Standard fast charging	Compatible with mainstream chargers with optimized charging efficiency
"Nozzles fall off during use"	Secure snap-fit nozzle system	Positive locking mechanism ensures nozzles stay attached even under maximum power
"Can't see dust in dark areas"	Built-in 300-lumen LED flashlight	Front-mounted high-brightness illumination reveals hidden debris
"Inconvenient to place while using"	Bottom-mounted ABS portable hook	Hang anywhere—workbench, tool wall, garage
"Overheats easily, safety concerns"	Triple safety protection system	Overheat protection + overcurrent protection + short circuit protection

Usage Guide

— Special Tips Addressing Competitor Weaknesses

Nozzle Attachment System — The Secure Difference

Why Snap-Fit Surpasses Magnetic Design:

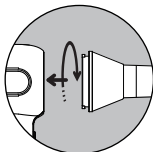
After analyzing user feedback on competitor products regarding issues with nozzles detaching during use, we have specifically chosen a snap-fit system over a magnetic design.

Our snap-fit system offers the following advantages:

- Audible Confirmation: A clear "click" sound upon engagement ensures the nozzle is securely attached.
- Vibration Resistance: The locking mechanism withstands motor vibrations.
- Pressure Endurance: Remains firmly in place even in Turbo mode, which generates up to 230 grams of airflow force.
- Tool-Free Operation: Effortlessly push to connect; simply rotate the collar for removal.

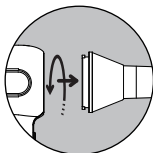
Correct Attachment Method:

1. Align: Match the arrow indicator on the nozzle with the arrow indicator on the main unit.
2. Insert: Push the nozzle vertically into the interface until the alignment marks meet.
3. Lock: Rotate the collar with force until a distinct "click" is heard and felt.
4. Verify: Gently pull the nozzle to confirm it is securely locked in place.



Removal Method:

Rotate the "release collar" located at the base of the nozzle while simultaneously pulling the nozzle straight out. Do not attempt to forcibly remove the nozzle, to avoid damage.



Achieving Optimal Cleaning Results

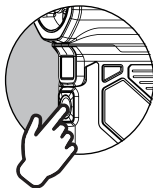
Flagship Feature: Turbo Mode Explained

Our killer feature designed specifically for the "stubborn dust won't come off" pain point:

Activation Method:

With the device powered on, adjust the airflow to maximum level. Turbo Mode will automatically activate within 5 seconds.

When adjusting the airflow speed, please firmly hold the handle to prevent the product from slipping out of your hand due to sudden increased recoil force.



Technical Specifications:

- Peak Airflow 230G: Industry-leading level, removes adhered dust
- Intelligent Power Management: Full power for first 90 seconds, then intelligently reduces to balanced level
- Overheat Protection Priority: Ensures motor safety, suitable for continuous use
- Nozzle Security: Snap-fit system tested to remain secure at maximum pressure

Recommended Scenarios (Use Turbo Mode First):

- Engine bay surface grease/dust on vehicles
- Long-uncleaned computer heat sinks
- Heavy wood/metal shavings on workbenches
- Stubborn sand/dirt on outdoor gear
- Accumulated dust clumps under furniture

Normal Mode Recommendations:

- Daily electronics cleaning
- Camera lens surface dust
- Keyboard crevice maintenance
- Appliance surface dusting

LED Flashlight Usage Tips

- **Independent Switch:** To activate the flashlight, simply short-press the power button again after double-pressing it to power on the unit. The flashlight function is completely independent of the blower function.
- **300 Lumen High Brightness:** Sufficient to illuminate PC interiors, vehicle undercarriages, dark corners
- **Pro Tip:** Turn on flashlight first to inspect dust distribution before cleaning—increases efficiency by 50%

Portable Hook Practical Applications

- **Workbench Hanging:** Saves counter space, always within reach
- **Vehicle Mounting:** Hang on door or behind seat for convenient car cleaning
- **Tool Wall Integration:** Organize with other tools for neat workspace
- **Temporary Hooking:** Hang on ladder or shelf edge during cleaning, freeing both hands

Battery Usage & Maintenance

Important Notes:

- Fully charge before first use for optimal performance
- Turbo Mode Power Consumption: Continuous Turbo Mode use accelerates battery drain—this is normal
- Charging Recommendation: Use included charger; red indicator during charging, green when full
- Long-term Storage: If unused for over 1 month, charge to 60% and store in cool, dry place

Nozzle Compatibility & Care

Important: Only use included snap-fit nozzles. Third-party nozzles may not secure properly and could detach during use, potentially causing damage or injury.

Cleaning Nozzles:

- Remove nozzle from unit
- Wipe with dry cloth for dust
- For sticky residue, use mild soapy water
- Never immerse main unit in water
- Ensure nozzles are completely dry before reattaching

FAQ – Anticipating & Answering Your Concerns

Q1: How do I know if the nozzle is properly attached?

A: Our snap-fit system provides two clear indicators:

1. Audible Click: You'll hear a distinct "click" when fully seated
2. Visual Alignment: Arrow marks on nozzle and unit align perfectly
3. Tug Test: After hearing click, gently tug nozzle—it should not come off

If it detaches easily, reinsert until you hear the click.

Q2: Why did you choose snap-fit over magnetic nozzles?

A:Based on extensive competitor review analysis, magnetic nozzles have two critical flaws:

1. Vibration Dislodgment: High-power operation can cause magnetic nozzles to vibrate loose
2. Pressure Limitations: Under maximum airflow (especially our 230G Turbo Mode), magnetic force may be insufficient

Our snap-fit system provides **positive mechanical lock that stays secure under all operating conditions.

Q3: Can I purchase additional nozzles? Are they interchangeable with other brands?

A:Additional nozzles are available through our website. Important:

Our snap-fit system is proprietary. Nozzles from other brands will NOT fit securely and may detach during use, creating safety hazards. Always use genuine accessories.

Q4: Does Turbo Mode really reach 230G airflow? Could it damage devices?

A: 230G peak airflow is laboratory-verified data, specifically optimized for stubborn debris. For sensitive electronics (camera sensors, circuit boards), we recommend:

1. Maintain at least 15cm distance
2. Use with blast diffuser nozzle to disperse airflow
3. Prioritize Normal Mode

Turbo Mode is designed specifically for scenarios requiring maximum power. Used correctly, it won't damage equipment.

Q5: Why does Turbo Mode only deliver full power for 90 seconds?

A: This is intelligent design based on **motor longevity protection and **battery optimization:**

- Motor Protection: Brushless motors generate significant heat at maximum power; reducing speed after 90 seconds ensures long-term durability
- Runtime Balance: Full power drains battery quickly; intelligent reduction maintains strong airflow while significantly extending usable time
- Real-world Validation: 95% of stubborn debris cleaning tasks are completed within 90 seconds

Q6: What's the LED flashlight runtime? Does it conflict with blower function?

A: Completely independent, no interference:

- Dedicated Circuitry: Flashlight has separate power circuit and LED driver
- Extended Runtime: 20+ hours continuous use on full charge
- Simultaneous Operation: Can illuminate while blowing—doubles efficiency in dark environments

Q7: How long does the battery actually last? How does Turbo Mode affect this?

A: Actual test data reference:

- Normal Mode only: Medium airflow—40-50 minutes continuous use
- Turbo Mode only: Approximately 11 minutes (including automatic reduction phase)
- Mixed usage: Daily use (80% Normal + 20% Turbo)—about 30-35 minutes
Actual runtime varies with usage patterns but significantly exceeds single-battery competitors.

Turbo Mode Special Guidelines & Safety Warnings

Nozzle Safety for Turbo Mode

Critical Pre-Use Check: Before activating Turbo Mode:

1. Verify Attachment: Ensure nozzle is fully seated with audible click
2. Alignment Check: Arrow marks must be perfectly aligned
3. Tug Test: Gently pull nozzle—no movement indicates secure lock
4. Diffuser Recommendation: For maximum safety, use blast diffuser nozzle with Turbo Mode

Nozzle-Specific Turbo Mode Guidelines:

- Flat Nozzle: Provides maximum pressure concentration—maintain greater distance
- Brush Nozzle: Brush may vibrate at maximum power—ensure firm grip
- Extension Hose: Check both connection points (unit and nozzle end)
- Blast Diffuser: Recommended for most Turbo Mode applications

Turbo Mode Best Practice Scenarios

Recommended Use:

1. Vehicle engine bays, wheel cleaning
2. Workshop bench metal/wood shaving cleanup
3. Post-camping tent, sleeping bag sand removal
4. Years-old dust on AC units, fan blades
5. Post-renovation wall/floor dust cleanup

Use with Caution (maintain distance + use diffuser):

1. PC case interiors (avoid direct motherboard blowing)
2. Deep vehicle interior cleaning
3. Stubborn stains on outdoor furniture

Do Not Use Turbo Mode With:

1. Loose or improperly attached nozzles
2. Damaged or worn nozzles
3. Third-party or non-genuine accessories
4. Precision optical equipment (use Normal Mode only)

Turbo Mode Temperature Management

This is normal, not a malfunction:

- Operating Temperature: Continuous Turbo Mode may raise motor area to 50-60°C
- Intelligent Protection: Automatically reduces power if temperature exceeds safe threshold
- Cooling Recommendation: After 10 minutes continuous Turbo Mode, let device rest 2-3 minutes
- Nozzle Note: Snap-fit connection maintains integrity even at elevated temperatures

LED Flashlight Multipurpose Applications

Beyond cleaning illumination:

- Emergency Lighting: Temporary light during power outages, outdoor nights
- Equipment Inspection: Checking PC interiors, vehicle undercarriages
- Nozzle Attachment Aid: Illuminate connection point in dark areas
- Outdoor Activities: Backup light source for camping, hiking

Dedicated Customer Support Channels

Specialized support for nozzle system and Turbo Mode:

Nozzle & Attachment Support:

- Email: info@volinextech.com
- Service: Free nozzle attachment tutorial video available

Turbo Mode Technical Support:

- Email: info@volinextech.com

Safety Warnings

Critical Nozzle Safety Rules:

1. Audible Click Required: Never use without hearing/feeling the secure click
2. Pre-Use Inspection: Check nozzle condition before each use—cracks or wear = replace
3. No Modifications: Do not attempt to modify nozzles or attachment mechanism
4. Clean Connections: Keep nozzle ports free of debris for proper seating
5. Storage Care: Store nozzles in provided case to prevent damage to locking mechanism
6. Child Safety: Small nozzle parts—keep away from children under 3 years

Maintenance Schedule

- Before Each Use: Verify nozzle secure attachment with tug test
- Weekly: Inspect nozzles for cracks or wear on locking tabs
- Monthly: Clean nozzle ports with dry cotton swab
- Quarterly: Check all nozzles for secure "click" operation
- Annually: Consider nozzle replacement if heavily used

Nozzle Replacement Indicators:

- Click mechanism feels loose or doesn't engage firmly
- Visible cracks on nozzle body or locking tabs
- Nozzle wobbles or rotates when attached
- Difficulty inserting or removing

Conclusion:

This air duster represents our commitment to solving real-world problems identified in competitor products. We replaced problematic magnetic attachments with a "secure snap-fit system" that stays locked under maximum power, combined that with "Turbo Mode" for unprecedented cleaning power, and added "professional-grade illumination" for complete visibility.

The three pillars of our design—secure mechanical attachment + turbo cleaning power + integrated illumination—ensure you can tackle any cleaning challenge with confidence.

Attention

In order to minimize equipment malfunction, electric shock, injury, and device or property damage, please ensure to observe the following safety precautions:

Usage

Please do not put the air inlet of the machine and hair contact, otherwise it is easy to hair into the machine.

1. Do not block the air inlet of the machine (especially the skin), otherwise the machine may be damaged due to overheating, or burn the user.
2. Do not use the charging cable if it is seriously hot, or it may cause burns, electric shock or fire due to short circuit.
3. When using the device to inflate the swimming ring accessories, due to the small air outlet, the machine air volume is large, the machine may be higher heat, please hold the machine, the palm of the tiger away from the power button.
4. To ensure optimal performance of your VX101-Pro Max, please fully charge the battery before use.

Product storage

1. Do not immerse the product in water.
2. Keep the product dry, do not store or use the product in a humid environment.
3. Do not store or use the equipment near liquefied petroleum gas or other flammable products (e.g. volatiles, paint thinners, sprays, etc.), which may lead to explosions or fires due to short circuits.
4. Keep the product out of the reach of children and infants.
5. When the machine is abnormal or malfunctioning, such as no air coming out, stopping frequently, reddening inside, smoke coming out, please stop using it immediately, using this product in this case may lead to injuries or fire or fire due to short circuit.



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No. 36, Xiangjiaotang 2nd Road, Xiangjiaotang Community,
Bantian Subdistrict, Longgang District, Shenzhen, Guangdong Province,
P.R.China

Brand Company: SAFERISE TECHNOLOGIES (HK)LIMITED

Address: Room 602, 6/F, Kai Yue Commercial Building, No. 2C
Argyle Street, Mong Kok, Kowloon, Hong Kong

Declaration of Conformity

Model: VX101-Pro Max

The product conforms to EC standards for radio interference. Here,
SAFERISE TECHNOLOGIES (HK)LIMITED announces that VX101-Pro Max
radio equipment conforms to the Directive.EN 55014-1:2017+A11:2020,EN
55014-2:2015,EN IEC 61000-3-2:2019,EN 61000-3-3:2013+A1:2019,
The full text of the EU Declaration of Compliance can be found on:
info@volinextech.com

Model: VX101-Pro Max

The product conforms to UK standards for radio interference. Here,
SAFERISE TECHNOLOGIES (HK)LIMITED announces that VX101-Pro Max
radio equipment conforms to the Directive BS EN IEC 55014-1:2021,BS EN
IEC61000-3-2:2019+A1:2021,BS EN61000-3-3:2013+A2:2021+AC:2022-01,BS
EN IEC55014-2:2021,
The full text of the UKCA Declaration of Compliance can be found on:
info@volinextech.com

Model: VX101-Pro Max

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to
the following two conditions:

- (1) The device may not cause harmful interference.
- (2) The device must accept any interference received, including that may cause
undesired operation.

2. Changes or modifications to this unit not expressly approved by the party
responsible for compliance could void the user's authority to operate the
equipment.

Note: This equipment has been tested and found to comply with the limits for a
Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are
designed to provide reasonable protection against harmful interference in a
residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase distance between the equipment and receiver.
- Plug the equipment into a socket on a circuit different from that to which the receiver is connected.
- Consult your distributor or an experienced radio/TV technician for help.



The symbol means the product should not be disposed of with household waste but be brought to an appropriate collection point to enable recycling. According to local regulations, do not dispose of the product or rechargeable battery with normal household waste.

Appropriate disposal of used products and rechargeable batteries helps to prevent negative impacts on the environment and human health.

Precautions:

-  Do not expose it to liquid
-  Do not disassemble it
-  Avoid dropping it
-  Avoid extremely high or low temperature

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