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Teant MV-GREY

Teant MV-GREY Powerful Mattress Bed Vacuum Cleaner User Manual

1. Introduction

Thank you for choosing the Teant MV-GREY Powerful Mattress Bed Vacuum Cleaner. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. This device is designed for deep cleaning mattresses, sofas, carpets, and other fabric surfaces, targeting dust, dander, and microparticles with advanced features.

Key features include a 2-speed adjustable suction up to 18kPa, a Hyper Helix motor for tapping, 555nm green light for dust detection, 253.7nm UV-C light and 40,000Hz ultrasonic technology for particle elimination, 149°F heated airflow for drying, negative ion technology for air purification, and an aromatherapy function. It also incorporates a dual dust cup design with a HEPA filter and safety features like an auto-stop roller brush and overheat protection.

2. Safety Instructions

- Read all instructions before using the appliance.
- Do not operate the vacuum cleaner with a damaged cord or plug. If the appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not use the appliance on wet surfaces or to pick up liquids.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Exercise extra care when cleaning on stairs.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without the dust cup and filter in place.
- The UV-C light is activated only when both gravity-sensing rollers are in contact with the surface for at least 2 seconds. Avoid direct exposure to the UV-C light.
- Unplug from outlet when not in use and before cleaning or servicing.
- This appliance is for household use only.

3. Package Contents

- Teant MV-GREY Mattress Bed Vacuum Cleaner
- Power Cord (5 meters)
- HEPA Filter (pre-installed)
- Aroma Tablet (pre-installed or included separately)
- User Manual

4. Product Overview

Familiarize yourself with the components of your Teant mattress vacuum cleaner.



Figure 1: Teant MV-GREY Mattress Bed Vacuum Cleaner. This image shows the overall design of the vacuum cleaner, highlighting its compact and ergonomic form factor.

4.1 Main Components

- **Dust Collection Cup:** Transparent container for collecting dust and debris. Features a dual dust cup design to separate hair and fine dust.
- **HEPA Filter:** High-efficiency particulate air filter, designed to capture 99.97% of microparticles as small as 0.3µm.

- **Control Panel/LED Display:** Digital interface showing power level, cleaning mode indicators (Tap, Heat, UV-C, Ultrasonic, Anion), and dust detection status (red/blue indicator).
- **Green Light Dust Detection:** 555nm green light and lens technology to illuminate hidden dust and particles on surfaces.
- **UV-C Light:** 253.7nm ultraviolet-C light for sterilization, activated upon surface contact.
- **Ultrasonic Emitter:** Generates 40,000Hz ultrasonic waves to target microparticles.
- **Heated Air Outlet:** Emits 149°F heated airflow for drying fabrics and moisture protection.
- **Roller Brush:** Auto-stop roller brush with 33,000 RPM tapping function to dislodge deep-seated debris.
- **Aroma Compartment:** Slot for inserting aromatherapy tablets to add fragrance during cleaning.



Figure 2: Multi-Functional LED Display. This image illustrates the intelligent LED display with dynamic red and blue indicators for real-time cleaning progress and function status.

5. Setup

5.1 Unpacking

- Carefully remove all components from the packaging.
- Remove any protective films or stickers from the appliance, especially from the dust cup and UV-C light area.
- Ensure all listed package contents are present.

5.2 Power Connection

- Plug the power cord into a standard electrical outlet. The vacuum cleaner is corded with a 5-meter cable for extended reach.

6. Operating Instructions

6.1 Powering On/Off and Suction Adjustment

- To power on, press the power button on the handle. The LED display will illuminate.
- The vacuum cleaner offers 2 adjustable suction levels: 14kPa and 18kPa. Press the power button again to switch between these modes.
- To power off, press and hold the power button until the display turns off.

6.2 Green Light Dust Detection

- The integrated 555nm green light automatically activates when the vacuum is in operation.
- The green light illuminates the surface, making hidden dust, pet hair, and microparticles visible, especially on dark fabrics.
- The LED display will show a **red indicator** when significant dust is detected, transitioning to **blue** as the area becomes clean. A prolonged red indicator may suggest the dust sensor is covered; wipe it with a clean damp cloth.



Figure 3: Green Light Dust Detection. This image demonstrates how the green light reveals hidden dust on a fabric surface, aiding in thorough cleaning.

6.3 UV-C Light and Ultrasonic Technology

- The 253.7nm UV-C light and 40,000Hz ultrasonic technology work together to target and eliminate invisible particles and allergens deep within fabric fibers.
- For safety, the UV-C light activates only when the vacuum's gravity-sensing dual rollers make full contact with the surface for at least 2 seconds. It automatically shuts off when lifted, preventing light leakage.



Figure 4: UV-C Light and Ultrasonic Function. This diagram illustrates the activation and operation of the UV-C light and ultrasonic technology for deep sanitization.

6.4 Heat Function

- The vacuum cleaner provides 149°F heated airflow to help dry fabrics and remove moisture, contributing to a fresher sleeping environment.
- The heat function is indicated on the LED display.
- The device includes overheat protection, which will automatically pause operation after extended use. If this occurs, power off the unit and allow it to cool for approximately 2 hours before resuming use.

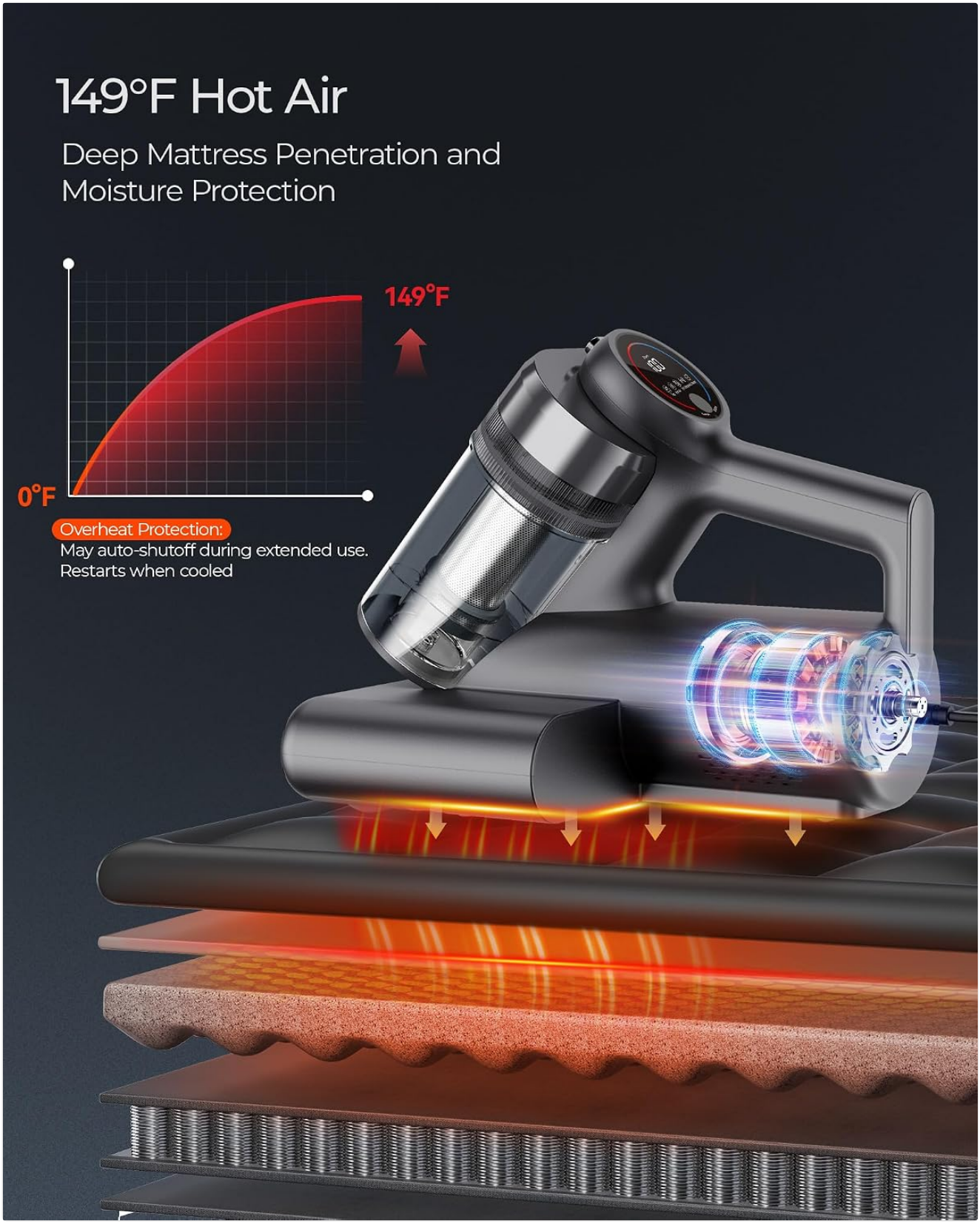


Figure 5: 149°F Hot Air Function. This image shows the heated airflow penetrating the mattress to dry fabrics and protect against moisture.

6.5 Aromatherapy and Anion Function

- Insert an aroma tablet into the designated compartment to release a subtle fragrance during cleaning.
- Negative ion technology helps neutralize airborne particles and refresh the air, enhancing the overall cleanliness of your environment.

6.6 Usage on Various Surfaces

The Teant mattress vacuum is suitable for use on a variety of fabric surfaces:

- **Mattresses:** Glide the vacuum slowly across the mattress surface, allowing the green light to guide your cleaning.
- **Pillows:** Gently vacuum pillows to remove dust and allergens.
- **Sofas/Couches:** Use the vacuum on upholstered furniture to deep clean and refresh.
- **Carpets:** Effective for spot cleaning and refreshing small carpeted areas.

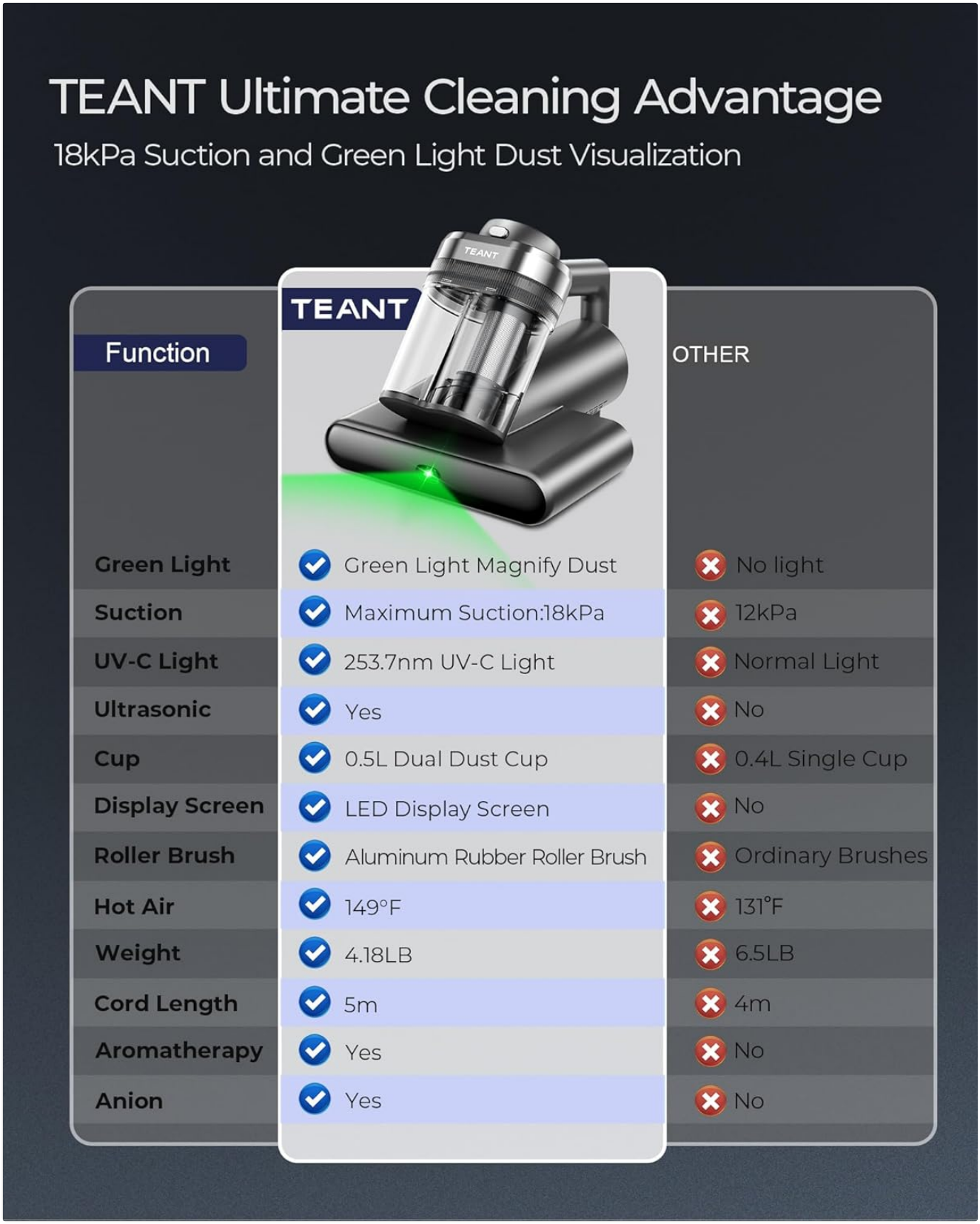


Figure 6: Usage Scenarios. This image displays the versatility of the vacuum cleaner on various household items like beds, pillows, carpets, and sofas.

6.7 Official Product Video

Video 1: Teant Mattress Vacuum Bed Vacuum Cleaner. This video provides a visual demonstration of the Teant mattress vacuum cleaner in action, showcasing its features and effectiveness on various surfaces.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your vacuum cleaner.

7.1 Emptying the Dust Cup

- Press the dust cup release button and detach the dust cup from the main unit.
- Open the dust cup and empty its contents into a waste bin. The dual dust cup design separates hair and dust, making emptying easier.
- Close the dust cup securely and reattach it to the main unit.

7.2 Cleaning the HEPA Filter

- Remove the HEPA filter from the dust cup.
- Tap the filter gently over a trash can to dislodge dust. For a deeper clean, rinse the filter under running water.
- Allow the HEPA filter to air dry completely for at least 24 hours before reinserting it into the dust cup. Do not use the vacuum with a wet filter.
- It is recommended to replace the HEPA filter every 3-6 months, or as needed, to maintain optimal suction and filtration efficiency.



Figure 7: HEPA Filter Condition. This image shows a comparison between a new, clean HEPA filter and a saturated, dirty filter, emphasizing the importance of regular cleaning and replacement.

7.3 Cleaning the Roller Brush

- Periodically check the roller brush for tangled hair or debris.
- The auto-stop roller brush feature will halt operation if it becomes tangled, protecting the motor.
- Carefully remove any tangled hair or fibers from the roller brush using scissors or a cleaning tool.

7.4 Replacing Aroma Tablet

- When the fragrance diminishes, open the aroma compartment and replace the old tablet with a new one.

8. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Vacuum does not turn on	Not plugged in; Power outlet malfunction	Ensure power cord is securely plugged in; Test outlet with another appliance
Reduced suction power	Dust cup full; Filter clogged; Roller brush tangled	Empty dust cup; Clean/replace HEPA filter; Clear tangled debris from roller brush
Red indicator on LED display persists	Dust sensor covered or dirty	Wipe the dust sensor with a clean damp cloth
UV-C light not activating	Not making full surface contact; Appliance lifted	Ensure both gravity-sensing rollers are firmly on the surface for 2 seconds
Appliance stops during use (overheat protection)	Extended continuous operation	Power off, unplug, and allow to cool for 2 hours before resuming

9. Specifications

Feature	Detail
Brand	Teant
Model Name	MV-GREY
Suction Power	2-Speed (14kPa/18kPa)
Motor Speed	33,000 RPM (tapping)
Dust Detection	555nm Green Light
Sterilization	253.7nm UV-C Light, 40,000Hz Ultrasonic
Heat Function	149°F Heated Airflow
Filtration	HEPA Filter, Dual Dust Cup
Capacity	0.5 Liters
Cord Length	5 meters (16.4 feet)
Item Weight	4.18 pounds
Product Dimensions	9.4"L x 10.6"W x 9.8"H
Special Feature	HEPA, Green Light Dust Detection, UV-C, Heat, Aroma, Anion

10. Warranty and Support

Teant is committed to providing high-quality products and excellent customer service.

- **Warranty:** Any quality problems within 10 years, Teant will replace the machine for you.

- **After-Sales Service:** Teant provides lifelong after-sales service for any issues that may arise.
- For support or inquiries, please refer to the contact information provided on the product packaging or the official Teant website.

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