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› Wessel-Werk TK286 Air-Driven Central Vacuum Powerhead Instruction Manual

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Model: TK286 | Brand: Wessel-Werk

INTRODUCTION

The Wessel-Werk TK286 Air-Driven Central Vacuum Powerhead is engineered for deep cleaning carpets within central vacuum systems. This powerhead utilizes turbine airflow to agitate carpet fibers, effectively lifting embedded dirt, dust, and pet hair without requiring electrical power. It features a standard 1.25-inch (32 mm) neck for direct compatibility with most central vacuum wands and hoses from leading brands like Vacuflo, Beam, Nutone, and Vacumaid. Its maintainable design allows for easy access to the brush-roller chamber for cleaning and hair removal, ensuring consistent performance.

Key Features:

- **Air-Turbine Carpet Performance:** Engineered for deep cleaning with central vacuum systems, the TK286 uses airflow-driven turbine technology to lift dirt, dust, and pet hair from low- to high-pile carpets—no electrical power needed.
- **Standard 1.25 in (32 mm) Neck:** Designed for a direct, secure fit to most central vacuum wands and hoses, compatible with Vacuflo, Beam, Nutone, Vacumaid, Hayden, and other leading brands.
- **Smooth, Quiet Operation:** Noise-optimized turbine delivers powerful agitation while minimizing vibration and sound—ideal for homes, offices, and multi-floor cleaning.
- **Maintainable Design:** Easy-access brush chamber allows quick cleaning of the brush roller and turbine housing to remove debris or hair buildup—keeping performance consistent over time.
- **Edge-to-Edge Cleaning Coverage:** Wide cleaning path and low-profile design maintain full suction to reach along baseboards, under furniture, and into tight corners.

SETUP

Follow these steps to prepare your Wessel-Werk TK286 Powerhead for use:

1. **Unpack:** Carefully remove all components from the packaging. Ensure all parts, including the TK286 Central Vacuum Head and the Brush Roller Cleaning Tool, are present.
2. **Connect to Wand:** Insert the 1-1/4 inch (32mm) neck of the TK286 Powerhead firmly into your central vacuum

system's wand. Ensure a secure connection to prevent loss of suction.

3. **Connect to Hose:** Attach the vacuum wand to your central vacuum hose.

4. **Inspect:** Before first use, visually inspect the brush roller for any packaging materials or obstructions.

TK 286 Turbo Brush

A closer look at our newest Turbo Brush



Image: The Wessel-Werk TK286 Powerhead, highlighting the suction control valve for optimal performance.

OPERATING INSTRUCTIONS

The TK286 Powerhead is designed for efficient carpet cleaning. Follow these guidelines for optimal use:

1. **Activate Vacuum:** Turn on your central vacuum system. The airflow will activate the turbine within the powerhead, causing the brush roller to spin.
2. **Adjust Suction (if applicable):** If your central vacuum system or wand has adjustable suction, set it to an appropriate level for your carpet type. For thicker carpets, slightly reducing suction can prevent the powerhead from sticking and allow the brush to spin more freely. The powerhead itself features a suction control valve for fine-tuning.
3. **Cleaning Technique:** Move the powerhead slowly and steadily across the carpeted area. Overlapping passes will ensure thorough cleaning. The air-driven turbine provides agitation to lift embedded dirt.
4. **Edge Cleaning:** The low-profile design and wide cleaning path allow for effective edge-to-edge cleaning along

baseboards and under furniture.

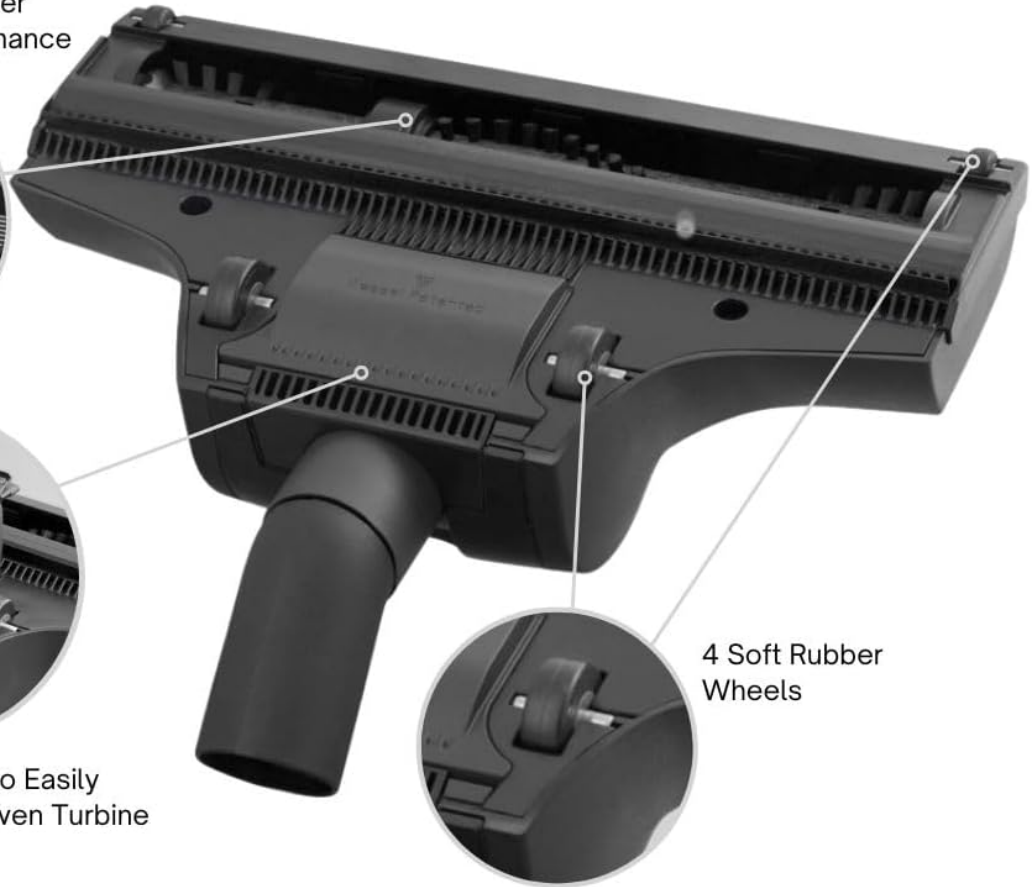
TK 286 Turbo Brush

A closer look at our newest Turbo Brush

Optimized Brush Roller
Designed for Performance



Removable to Easily
Clean Air-Driven Turbine



4 Soft Rubber
Wheels

Image: Detailed view of the TK286 Powerhead, showcasing its optimized brush roller, four soft rubber wheels for smooth movement, and the removable cover for easy turbine cleaning.

Video: Demonstration of a universal turbo brush head, similar to the TK286, highlighting its features and cleaning capabilities on various surfaces.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your TK286 Powerhead. The maintainable design allows for easy cleaning of the brush roller and turbine.

1. **Access Brush Chamber:** Locate the easy-access brush chamber cover on the underside of the powerhead. Open the cover to expose the brush roller and turbine.
2. **Clean Brush Roller:** Remove any tangled hair, threads, or debris from the brush roller. Use the included Brush Roller Cleaning Tool (featuring a knife, comb, and bristles) to cut and loosen stubborn tangles.
3. **Clean Turbine:** Gently remove any accumulated dust or debris from the turbine housing. Ensure the turbine spins freely.
4. **Reassemble:** Once cleaned, replace the brush roller and securely close the brush chamber cover.



Image: The TK286 Powerhead with its brush chamber open, illustrating the accessibility for cleaning the brush roller and turbine.

Video: A demonstration of how to use the Wessel-Werk Brush Roller and Turbine Cleaning Tool to maintain the powerhead.

TROUBLESHOOTING

If you encounter issues with your TK286 Powerhead, try the following solutions:

- **Brush Roller Not Spinning:**

- Check for tangled hair or debris in the brush chamber. Clean as described in the Maintenance section.
- Ensure the central vacuum system has sufficient suction. Check for blockages in the hose or central unit.
- Verify the powerhead is securely attached to the wand and the wand to the hose.

- **Reduced Suction:**

- Check for blockages in the powerhead's air pathways or the vacuum hose.
- Ensure the suction control valve on the powerhead (if present) is not fully open, which can reduce effective suction on the floor.

- **Difficulty Pushing:**

- On very thick carpets, slightly open the suction control valve on the powerhead to reduce suction and make it easier to push.
- Ensure the four soft rubber wheels are clean and free of debris.

SPECIFICATIONS

Feature	Detail
Manufacturer	Wessel-Werk
Part Number	TK286
Item Weight	1 pounds
Product Dimensions	9 x 11 x 3.5 inches
Item Model Number	TK286
Size	1-1/4 inch (32mm)
Color	Black
Material	Acrylonitrile Butadiene Styrene, Plastic
Included Components	Brush Roller Cleaning Tool, TK 286 Central Vacuum Head



Dimensions

Compact and Lightweight
Design for ease of Use

Image: Dimensions of the Wessel-Werk TK286 Powerhead, showing its compact and lightweight design for ease of use.

The Wessel-Werk TK286 Air-Driven Central Vacuum Powerhead is backed by a **1-year manufacturer's defect warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for any warranty claims.

SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please visit the official Wessel-Werk website or contact their customer service department. You may also refer to the retailer where you purchased the product for additional support options.