

Broan-NuTone CT175

Broan-NuTone CT175 Adjustable Ratcheting Wand Instruction Manual

Model: CT175

INTRODUCTION

The Broan-NuTone CT175 Adjustable Ratcheting Wand is an accessory designed for central vacuum systems. It provides extended reach and facilitates the connection of powered cleaning heads to your central vacuum hose. This wand features a durable construction and an adjustable length mechanism to enhance cleaning versatility.



Figure 1: Broan-NuTone CT175 Adjustable Ratcheting Wand

PRODUCT FEATURES

- **Adjustable Length:** The wand extends from 26 inches to 39 inches, allowing for customized reach in one-inch intervals.
- **Secure Ratcheting Mechanism:** A positive ratchet mechanism ensures the wand locks securely into place, preventing accidental collapse during use.
- **Button-Lock Fit:** Provides a secure connection to compatible central vacuum hoses and power nozzles.
- **Concealed Cord Management:** The electric cord for power nozzles is hidden inside the wand, maintaining a tidy appearance and preventing entanglement.
- **Compatibility:** Designed for use with Broan-NuTone CT700 power nozzles and 15-inch series hoses.

SETUP INSTRUCTIONS

1. **Connect to Power Nozzle:** Align the end of the CT175 wand with the intake port of your compatible Broan-NuTone CT700 power nozzle. Push firmly until the button-lock engages, securing the connection. Ensure the electrical contacts on the wand align with those on the power nozzle for proper power transfer.
2. **Connect to Central Vacuum Hose:** Insert the opposite end of the CT175 wand into the handle of your 15-inch series central vacuum hose. Push firmly until the button-lock engages.
3. **Verify Connections:** Gently tug on both connections to ensure they are firmly seated and locked.



Figure 2: Detail of wand connection points.

OPERATING INSTRUCTIONS

1. **Adjusting Wand Length:** To extend the wand, grasp the upper section and pull it away from the lower section. The internal ratcheting mechanism will click at one-inch intervals. Stop at the desired length.
2. **Retracting Wand Length:** To retract the wand, press the release button (if present, or apply slight pressure and push the sections together) and push the upper section back into the lower section until it reaches the desired shorter length or fully retracts for storage. The positive ratchet mechanism will hold the selected length.
3. **Activating Power Nozzle:** Once the wand is connected to a powered hose and power nozzle, use the controls on your central vacuum hose handle to activate the suction and the rotating brush of the power nozzle.



Figure 3: Proper use of the adjustable wand for extended reach.

MAINTENANCE

- **Cleaning:** Wipe the wand with a damp cloth to remove dust and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Utilize the concealed cord management feature to keep the electric cord neatly tucked away when not in use. Store the wand in a dry place to prevent damage.
- **Inspection:** Periodically inspect the wand for any signs of wear, damage, or loose connections. Ensure the ratcheting mechanism operates smoothly.

TROUBLESHOOTING

- **Wand Not Extending/Retracting Smoothly:** Check for any debris or obstructions in the ratcheting mechanism. Clean the internal and external surfaces of the wand.
- **Power Nozzle Not Activating:** Ensure all connections (wand to nozzle, wand to hose, hose to wall inlet) are secure. Verify that the central vacuum system is powered on and the hose handle switch is in the correct position for power nozzle operation. Inspect the electrical contacts on the wand and nozzle for cleanliness and damage.
- **Loose Connection:** If the button-lock fit feels loose, inspect the button and corresponding slot for wear or damage.

For issues beyond these basic troubleshooting steps, refer to your central vacuum system's main instruction

manual or contact Broan-NuTone customer support.

SPECIFICATIONS

| Specification | Detail |
|------------------------------------|--|
| Brand | Broan-NuTone |
| Model Number | CT175 |
| Material | Other Metals |
| Color | Dark Gray |
| Adjustable Length | 26 inches to 39 inches |
| Item Weight | 1.1 pounds (0.5 Kilograms) |
| Nominal Wall Thickness | 0.25 inches |
| UPC | 267151931724, 026715193172, 080000240972 |
| Global Trade Identification Number | 00026715193172 |
| Batteries Required | No |

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Broan-NuTone website or the documentation provided with your complete central vacuum system. Product registration may be available and is recommended to ensure full warranty coverage and access to support resources.