

Prolux CV12000

Prolux CV12000 Central Vacuum Cleaner Power Unit

Model: CV12000 | Brand: Prolux

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Prolux CV12000 Central Vacuum Cleaner Power Unit. Please read all instructions carefully before installation and use to ensure optimal performance and longevity of your unit.

The Prolux CV12000 is designed to enhance your home environment by effectively removing dirt and allergens, contributing to a healthier living space. It features a powerful 2-stage motor and advanced HEPA filtration.

2. SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury, read and follow all instructions carefully.

- Always disconnect the power unit from the electrical supply before servicing or cleaning.
- Do not use the unit with a damaged cord or plug. If the unit is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not allow children to operate the central vacuum system. Keep children and pets away from the unit during operation.
- Do not pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Use extra care when cleaning on stairs.
- Do not use without filters in place.
- Failure to use genuine Prolux filtration bags, filters, and accessories will immediately void your

appliance warranty.

3. PRODUCT FEATURES AND COMPONENTS

The Prolux CV12000 Central Vacuum Power Unit is engineered for powerful and efficient cleaning. Key features and components include:

- **Powerful Amtek 2-Stage Motor:** Delivers over 130 Cubic Feet per Minute (CFM) of airflow, suitable for homes up to 12,000 square feet. Designed with a bypass system for extended durability.
- **Bagless HEPA Filtration:** Features a 3-level filtration system including a bagless dirt chamber with a clear view window, a washable Micron Pre-Filter, and a washable HEPA filter.
- **Powder Coated Steel Construction:** Ensures durability and longevity of the unit.
- **Garage Vacuum Port:** An additional port for convenient vacuuming of vehicles, garages, or workshops.
- **External Muffler:** Reduces operational noise for a quieter cleaning experience. The muffler can be removed if the user wishes to connect a hose for blowing or inflating.
- **Reset Switch:** For circuit protection.
- **Low Voltage/Remote Wires:** For system integration.
- **Dual Ports:** Designed for easy installation.
- **Dust Bin View Window:** Allows easy monitoring of dirt level.

CENTRAL VACUUM FEATURES

- 1 Reset Switch
- 2 Low Voltage/Remote Wires
- 3 Garage Hose Port
- 4 Dual Ports for Easy Installation
- 5 Powerful Amtek 2 Stage bypass Motor
- 6 Exhaust Port with Muffler for Noise Reduction
- 7 Dust Bin View Window



Image Description: A detailed diagram of the Prolux CV12000 Central Vacuum unit, highlighting its key components with numbered labels. These include (1) Reset Switch, (2) Low Voltage/Remote Wires, (3) Garage Hose Port, (4) Dual Ports for Easy Installation, (5) Powerful Amtek 2 Stage bypass Motor, (6) Exhaust Port with Muffler for Noise Reduction, and (7) Dust Bin View Window.





Image Description: A full view of the Prolux CV12000 Black Central Vacuum Cleaner Power Unit, showcasing its sleek black design and various ports and indicators. The unit is labeled with 'HEPA SHIELD ALLERGY REDUCTION' and icons indicating 130 CFM, HEPA filtration, and a garage port.

CV12000 Central Vacuum

3 levels of filtration
Ametek 2 Stage Motor
Powder coated steel
Easy-to-use tools



we
suck!

UNBEATABLE
SUCTION POWER

150
CFM

PROLUX

Image Description: A graphic highlighting the features of the CV12000 Central Vacuum, including '3 levels of filtration', 'Ametek 2 Stage Motor', 'Powder coated steel', and 'Easy-to-use tools'. It also shows two units (red and black) and mentions 'UNBEATABLE SUCTION POWER 150 CFM'.

4. INSTALLATION GUIDE (SETUP)

Proper installation is crucial for the performance and safety of your central vacuum system. It is recommended to have the unit installed by a qualified professional if you are unfamiliar with electrical and plumbing work.

4.1 Mounting the Power Unit

1. Choose a suitable location, typically a garage, utility room, or basement, ensuring adequate space for maintenance and airflow.
2. Mount the unit securely to a wall stud or solid surface using the provided mounting bracket and hardware. Ensure the unit is level and stable.



Image Description: An illustration showing the central vacuum unit's mounting bracket and the necessary screws/anchors for installation. This demonstrates how the unit is secured to a wall.

4.2 Connecting the Piping System

1. Connect the main vacuum piping from your home's inlet valves to the dual intake ports on the central vacuum unit. Ensure all connections are airtight to prevent suction loss.
2. Connect the exhaust pipe to the exhaust port. The external muffler can be attached to this port for noise reduction. If exhausting outdoors, ensure proper ventilation and follow local building codes.
3. Connect the low voltage control wires from your inlet valves to the designated terminals on the power unit.



Image Description: A schematic diagram illustrating a central vacuum system installed within a house. It shows the main power unit in the garage, connected via piping to various inlet ports throughout different rooms, including a dedicated garage port.

4.3 Electrical Connection

1. Ensure the power unit is connected to a dedicated electrical circuit as specified in the technical specifications.
2. Plug the power cord into a grounded electrical outlet.



Image Description: A close-up view of the back panel of the Prolux CV12000 unit, showing the power switch, circuit breaker reset button, and the power cord inlet. A warning label in English and French is visible.

5. OPERATING INSTRUCTIONS

Using your Prolux CV12000 Central Vacuum System is straightforward:

1. **Connect Hose:** Insert the central vacuum hose into any wall inlet valve. The unit will typically start automatically once the hose is securely inserted and the low-voltage connection is made.
2. **Start/Stop:** If your hose has a switch, use it to turn the vacuum on and off. Otherwise, the unit will activate upon hose insertion and deactivate upon removal.
3. **Cleaning:** Use appropriate attachments for different surfaces (e.g., floor brush for hard floors, powerhead for carpets).
4. **Garage Port:** To use the dedicated garage port, ensure the main house inlets are closed or not in use. Connect a separate hose (sold separately) to the garage port for cleaning vehicles or workshop areas.



Image Description: A close-up of the universal hose port on the Prolux central vacuum unit, indicating its compatibility with standard central vacuum systems in the US or Canada.

6. MAINTENANCE

Regular maintenance ensures your Prolux CV12000 operates efficiently and extends its lifespan.

6.1 Emptying the Dirt Chamber

The Prolux CV12000 features a bagless dirt chamber. Monitor the clear view window to determine when it needs emptying.

1. Disconnect the power unit from the electrical supply.
2. Unlatch the clips securing the dirt chamber to the main unit.
3. Carefully remove the dirt chamber and empty its contents into a trash receptacle.
4. Reattach the dirt chamber, ensuring it is securely latched.

6.2 Cleaning the Filters

The unit has a washable Micron Pre-Filter and a washable HEPA filter.

1. Disconnect the power unit from the electrical supply.
2. Access the filters (typically located above the dirt chamber).
3. Gently remove the filters.
4. Wash the filters with mild soap and water. Rinse thoroughly until water runs clear.
5. Allow filters to air dry completely before reinserting them into the unit. Do not use the unit with wet filters.

BAGLESS AND WASHABLE HEPA FILTRATION

The Prolux Central Vacuum System does not use bags but has 3 levels of filtration. It has the bagless dirt chamber (clear view window to know when its full), the washable Micron Pre Filter and then the Washable HEPA filter



Image Description: An image displaying the bagless dirt chamber (left, blue mesh) and the washable HEPA filter (right, pleated white filter) of the Prolux Central Vacuum System, illustrating its multi-level filtration components.



Image Description: A close-up view of the filtration components within the Prolux central vacuum, showing the washable filter and the dirt collection area, emphasizing the bagless design.

6.3 General Cleaning

Wipe the exterior of the power unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners.

7. TROUBLESHOOTING

If you encounter issues with your Prolux CV12000, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to the unit	Unit unplugged, circuit breaker tripped, wall switch off	Check power cord connection, reset circuit breaker on unit or electrical panel, ensure wall switch is on.
Low suction	Clogged hose/attachments, full dirt chamber, dirty filters, air leak in piping	Check hose and attachments for blockages, empty dirt chamber, clean/replace filters, inspect piping for leaks.
Unit runs continuously	Faulty inlet valve switch, short in low voltage wiring	Inspect inlet valves for debris or damage. Consult a qualified technician for wiring issues.
Unusual noise	Foreign object in motor, loose components	Disconnect power immediately. Inspect for foreign objects. If noise persists, contact support.

8. SPECIFICATIONS

Feature	Detail
Brand	Prolux
Model Name	CV12000
Special Feature	Bagless, HEPA Filtration
Filter Type	HEPA Filter
Included Components	HEPA Filter
Capacity	16.1 Liters
Wattage	1500 watts
Maximum Suction	130 Feet (CFM)
Recommended Uses	Whole house / office cleaning
Form Factor	Wall Mount
Color	Black
Product Dimensions	15"L x 15"W x 41"H
Noise Level	70 dB
Amperage	12.5 Amps

Feature	Detail
Motor Horsepower	2.01 Horsepower
Item Weight	22 pounds
UPC	689466918762

9. WARRANTY AND SUPPORT

Prolux stands behind the quality of its products. Your Prolux CV12000 Central Vacuum Cleaner Power Unit is covered by a manufacturer's warranty. Specific warranty details, including duration and coverage, are typically provided with your purchase documentation or can be found on the official Prolux website.

Important: Failure to use genuine Prolux filtration bags, filters, and accessories with your Prolux appliance will immediately void your appliance warranty. The Prolux warranty does not apply to any non-Prolux branded products or services (including repairs).

9.1 Prolux Promise

Prolux offers a 25-year Prolux Promise. Free online registration may be required to qualify for this extended promise. This commitment reflects Prolux's confidence in the durability and performance of their products.



Image Description: A graphic stating, "Our vacuums suck, not our warranties!" and "Free online registration will qualify you for the 25-year Prolux Promise." This highlights the brand's commitment to product longevity and customer satisfaction.

9.2 Customer Support

For product assistance, technical support, or warranty claims, please contact Prolux customer service. Our vacuum experts are available to help you with setup, operation, and any questions you may have.

- Visit the official Prolux website for contact information and FAQs.
- Refer to your purchase documentation for specific support channels.

