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› Prolux CV12000 Central Vacuum Power Unit Instruction Manual

Prolux CV12000

Prolux CV12000 Central Vacuum Power Unit Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Prolux CV12000 Central Vacuum Power Unit. Please read thoroughly before installation and use.

The Prolux CV12000 is a powerful central vacuum system designed to enhance home air quality by effectively removing dirt and allergens. It features a robust 2-stage motor and a bagless, multi-level filtration system for sustained performance.

2. PRODUCT FEATURES

- **Powerful Amtex 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 lifespan.
- **Bagless Filtration System:** Features 3 levels of filtration including a clear-view dirt chamber, a washable Micron Pre-Filter, and a washable HEPA filter. The HEPA filter removes 99.97% of dust and allergen micro-particles. For external exhaust, the HEPA filter can be removed to maximize suction.
- **Durable Construction:** Built with powder-coated steel for longevity.
- **Integrated Garage Vacuum Port:** Allows for direct connection of a hose for cleaning vehicles or garage spaces.
- **Quiet Operation:** Includes an external muffler for noise reduction. The muffler can be removed if a blowing or inflating hose is connected.
- **Dual Piping Ports:** Facilitates easy installation and allows for two sets of piping.

3. WHAT'S INCLUDED

The Prolux CV12000 Central Vacuum Power Unit includes the following components:

- Prolux CV12000 Vacuum Unit (Red)
- HEPA Filter (installed)
- Washable Micron Pre-Filter (installed)
- Wall Mount Kit
- External Muffler
- Various cleaning attachments (e.g., floor brushes, crevice tool, upholstery tool)
- Hose (length may vary based on package, typically 30 feet for full coverage)





Figure 1: Prolux CV12000 Red Central Vacuum Power Unit. This image shows the main vacuum unit with its red body and black collection bin, along with the attached hose and muffler.

4. SETUP AND INSTALLATION

The Prolux CV12000 is designed for wall-mount installation. Ensure you select a suitable location with adequate support for the unit's weight (22 pounds, plus collected debris).

1. **Choose Location:** Select a wall in your garage or utility room that can support the unit. Consider proximity to existing central vacuum piping and electrical outlets.
2. **Mounting Bracket:** Secure the provided wall mount kit to the wall using appropriate fasteners for your wall type (e.g., studs, masonry).
3. **Hang the Unit:** Carefully lift and hang the vacuum unit onto the installed mounting bracket.
4. **Connect Piping:** Connect the central vacuum piping from your home to the unit's intake ports. The unit features dual piping ports for flexible installation.
5. **Connect Power:** Plug the power cord into a standard electrical outlet.
6. **Attach Hose Holder:** Install the hose holder (if included) near the unit for convenient storage.

COMPATIBLE

30.48 cm / 12"



30.48 cm / 12"

96.52 cm / 38"

Fits on existing piping Network

Standard 2" (outside diameter)
pvc pipes

No need for dedicated Circuit

Works on 15 amp breakers

Low-Voltage Wire

To activate the on/off switch

Silent System

Integrated muffler and noise-blocking foam
added in the motor compartment

Dual Piping Ports

Dual ports allows installation
of 2 sets of piping

Figure 2: Dimensions of the Prolux CV12000 unit (15"L x 15"W x 41"H) and compatibility with standard 2" PVC pipes. It also highlights features like 15-amp breaker operation, low-voltage wire activation, silent system with integrated muffler, and dual piping ports.

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



Figure 3: Diagram illustrating key features of the Prolux CV12000: 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.

Installation Video

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Video 1: Unboxing and Installation of a Prolux Garage Wall Mounted Vacuum. This video demonstrates the unboxing process, identifies included components, and provides a step-by-step guide for mounting the vacuum unit on a brick wall, including tips for drilling into masonry.

5. OPERATING INSTRUCTIONS

1. **Power On/Off:** The unit is activated by a low-voltage switch, typically located on your central vacuum inlets.
2. **Vacuuming:** Insert the hose into an inlet. The unit will start automatically. Use appropriate attachments for the surface you are cleaning.
3. **Blower Function:** To use as a blower, connect the hose to the exhaust port (where the muffler is usually attached).

Demonstration Video: Vacuum and Blower Function

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Video 2: Demonstration of the Prolux Garage Pro vacuum's vacuum and blower functions. This video shows how to switch the hose between the intake and exhaust ports to change between vacuuming and blowing modes, and demonstrates cleaning a car interior and garage floor.

Demonstration Video: Carpet Cleaning

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Video 3: Demonstration of carpet cleaning using the Prolux Wet/Dry Garage Vac. This video shows how to use the included application tool to spray cleaner onto carpet and then use the extractor tool to remove the liquid, effectively cleaning stained carpet.

6. MAINTENANCE

1. **Emptying the Dirt Chamber:** The clear-view dirt chamber allows you to see when it's full. Unclip the bottom bucket, remove the collection ring, and dispose of the contents.
2. **Cleaning Filters:** The Micron Pre-Filter and HEPA filter are washable. Refer to the user manual for detailed cleaning instructions.
3. **Motor Maintenance:** The Amtek 2-stage motor is designed for durability. Regular cleaning of filters helps maintain optimal performance.

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



Figure 4: Illustration of the Prolux CV12000's bagless and washable HEPA filtration system, showing the washable Micron Pre-Filter and the Washable HEPA filter.

7. TROUBLESHOOTING

If you encounter issues with your Prolux CV12000, please refer to the following common troubleshooting steps:

- **Loss of Suction:** Check if the dirt chamber is full and needs emptying. Inspect filters for clogging and clean if necessary. Ensure all hose connections are secure.
- **Unit Not Starting:** Verify the power cord is securely plugged into an active outlet. Check the low-voltage wiring for any disconnections.
- **Unusual Noise:** Inspect the motor area for any obstructions. Ensure the external muffler is properly attached if used.

8. SPECIFICATIONS

Feature	Detail
Brand	Prolux
Model Name	CV12000
Special Feature	Bagless, HEPA Filtration
Filter Type	HEPA Filter
Capacity	16.1 Liters
Wattage	1500 watts
Maximum Suction	130 CFM (Cubic Feet per Minute)
Recommended Use	Whole house / office cleaning (up to 12,000 sq ft)
Form Factor	Wall Mount
Color	Red
Product Dimensions	15"L x 15"W x 41"H
Noise Level	70 Decibels
Amperage	12.5 Amps
Motor Horsepower	2.01 Horsepower
Item Weight	22 pounds

9. WARRANTY AND SUPPORT

The Prolux CV12000 Central Vacuum Power Unit comes with a **10-year warranty**.

Please note that 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).

For product help or support, please visit the [Prolux Store](#) or contact Prolux customer service.