

# Welcome to



## Central Vacuum - Products Overview

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*Building On Innovation.*

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# Product Overview Outline

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# Advantages of Central Vacuum Systems

- Cleaner
  - Improved Indoor Air Quality
  - Relief for Allergy Suffers
  - Captures More Dirt and Debris
- Quite – Power Unit is Located Away from Living Area
- Convenience
  - No Heavy Equipment to Haul Around
  - Special features like Built-In Dust Pans
- More Power than Portable Vacuums



- What is “Water Lift”?
  - A vacuum's ability to lift is called vacuum or water lift
  - Water lift measurements will fluctuate based on the actual amount of voltage the motor is receiving, the altitude, air temperature, and the barometric pressure

- What is “CFM”?
  - Cubic Feet (of air) per Minute
  - Air Flow Circulation
  - Some vacuums may be able to lift bowling balls, but the cleanest homes have central vacuums with higher CFM
  - CFM is Crucial for Deep Carpet Cleaning

- What is “AirWatts”?
  - An AirWatt is a specification or measure of the effective power of a vacuum cleaner established by *ASTM International* (*American Society for Testing and Materials*), developed to rate the output power of the vacuum cleaner
  - It is a measurement of the suction and air flow, measured at the vacuum cleaner's inlet

# Descriptions and Terms

- What is **HEPA**?
  - HEPA stand for High Efficiency Particle Arrestor, used to reduce the number of contaminants in indoor air.
  - A HEPA filter will stop 99.97% of all particles 0.3 microns or larger.
- Why Linear does **NOT** use a HEPA Filter?
  - The power unit's permanent fabric filter provides filtration down to 0.1 microns (HEPA filters to 0.3 microns).
  - HEPA Filters clog quickly, strangle airflow and are costly to replace.

# Central Vacuum Product Lines – Platinum Series



## • Specifications

- Extra Smart Display
- Bag or Bagless System
- Up to 12,000 sq ft
- Filtration to 0.1 Micron
- 5.2 Gallon Waste Capacity
- 10 Year Warranty

## • Models

- AVP3000
- AVP7500
- AVP12000
- AVP24000



[Link to  
Catalog on  
Linearcorp.  
com](http://Linearcorp.com)



Features	Benefits
Storage	The modular design with nested components reduces inventory storage space and shipping costs.
Filtration	High-efficiency, 2-stage filtration for superior cleaning.
Cyclonic Air Circulation	Separates dust and debris from the air stream allowing better waste removal without reducing suction.
Noise Reduction Technology	A foam-filled muffler is included in the exhaust system piping, substantially reducing operating noise.
Power Unit Exhaust	Power unit exhausts outside the living area so dust and dirt do not re-circulate in the home.
Air-Watt Rating	High air-watt rating while maintaining low operating noise.
Smart Features	Display indicates when to replace bag or motor service intervals.



# Central Vacuum Product Lines – Platinum Series



**Specifications** – Linear offers a variety of models to meet installation needs.

MODEL	MOTOR TYPE	WATER LIFT	AIR FLOW	AIR WATTS	FILTRATION EFFICIENCY	WASTE CAPACITY	HOME SQUARE FOOTAGE
AVP 3000	2-Stage, 110 volt 60hz	123"	118 CFM	537	Down to 0.1 Micron	5.2 Gallons	Up to 3,000 feet Maximum
AVP 7500	2-Stage, 110 volt 60hz	131"	118 CFM	551	Down to 0.1 Micron	5.2 Gallons	Up to 7,500 feet Maximum
AVP 12000	2-Stage, 110 volt 60hz	127"	122 CFM	570	Down to 0.1 Micron	5.2 Gallons	Up to 12,000 feet Maximum
AVP 24000	2-Stage, 240 volt 60hz	137"	124 CFM	627	Down to 0.1 Micron	5.2 Gallons	Up to 12,000 feet Maximum



# Central Vacuum Product Lines – Red Series



## • Specifications

- Bagless System
- 2-Stage, 120V Motor
  - 240V on AVR24000
- Up to 12,000 sq ft
- Filtration to 0.1 micron
- 6 Gallon Waste Capacity
- 5 Year Warranty

## • Models

- AVR3000
- AVR7500
- AVR12000
- AVR24000



[Link to Catalog on Linearcorp.com](http://Linearcorp.com)



Features	Benefits
Storage	The modular design with nested components reduces storage space and shipping costs.
Filtration	High-efficiency, 2-stage filtration for superior cleaning.
Cyclonic Air Circulation	Separates dust and debris from the air stream allowing better waste removal without reducing suction.
Noise Reduction Technology	A foam-filled muffler is included in the exhaust system piping, substantially reducing operating noise.
Power Unit Exhaust	Power unit exhausts outside the living area so dust and dirt do not re-circulate in the home.
Air-Watt Rating	High air-watt rating while maintaining low operating noise.
Bagless Design	Bagless design with debris bucket included; no bags to replace.

# Central Vacuum Product Lines – Red Series



## Specifications – Linear offers a variety of models to meet installation needs.

MODEL	MOTOR TYPE	WATER LIFT	AIR FLOW	AIR WATTS	FILTRATION EFFICIENCY	WASTE CAPACITY	HOME SQUARE FOOTAGE
AVR 3000	2Staged, 120VAC 60hz	123"	118 CFM	537	Down to 0.1 Micron	6 Gallons	Up to 3,000 feet Maximum
AVR 7500	2Staged, 120VAC 60hz	131"	118 CFM	551	Down to 0.1 Micron	6 Gallons	Up to 7,500 feet Maximum
AVR 12000	2Staged, 120VAC 60hz	127"	122 CFM	570	Down to 0.1 Micron	6 Gallons	Up to 12,000 feet Maximum
AVR 24000	2Staged, 240VAC 60hz	137"	124 CFM	627	Down to 0.1 Micron	6 Gallons	Up to 12,000 feet Maximum



# Central Vacuum Accessories Tool Kits & Power Heads

Linear has a large assortment of accessories to choose from to customize your Vacuum System *(not all products shown here)*.



**VM1200DS – Air Driven Turbo System Package**



**VM4200DS – Deluxe SuperSystem Package**



**VMGAR – Deluxe Garage/Car Tool Kit**

**VM178 – 10" Air Driven Turbo Carpet Brush**

**VM458 – Self Adjusting Deluxe Electric Carpet Brush**

**VM179B – 12" Air Driven Turbo Carpet Brush**



# Central Vacuum Accessories Tools, Wands & Brushes



**VM251**

**Adjustable Carpet/Floor Tool**



**VM252**

**Floor and Wall Tool**



**VM253**

**Crevice Tool**



**VM254 - Crevice Tool**



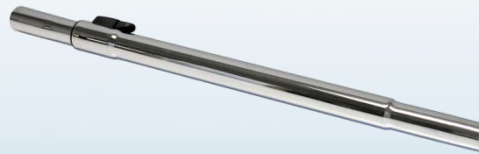
**VM256 Upholstery Tool**



**VM258 On-Board Tool Caddy**



**VMTC Metal Telescopic  
Wand w/High Voltage Cord**



**VMTE Metal  
Telescopic Wand**



**VMTEP Plastic  
Telescopic Wand**

# Central Vacuum Accessories

## Hoses, Hose Accessories, Dust Pans



**V610PS - Deluxe SuperSystem Hose**



**VM510PS - Deluxe Hose**



**V361 - "Slinky" Hose**



**VPAN  
Automatic Dust Pan**



**VM410 - Central Vacuum Hose**



**VM700 Deluxe Padded  
Fabric Hose Cover**



**VM166 - Metal Hose Rack**



**VM204  
Fabric Hose Cover**

# Central Vacuum Installation Accessories



**VM3VK – 3-Wall Inlet Valve Kit**



**VMVP3K  
3-Wall High-Voltage Inlet Valve Kit**



**VM181  
Vacuum Gauge**



**VM136  
Exhaust Vent Cap**



**VM186  
Pipe Reamer**



**VM123  
Flexible Hose**

# Central Vacuum Replacement Parts



**VM601**  
Secondary Foam Filter



**VM505**  
Disposable Bags  
& Filter



**VMP600-6**  
Disposable Vacuum Bags



**VMMUFS**  
Noise Reducing Exhaust Muffler



**226177**  
Filter Bag



# This completes the *AirVac* Central Vacuum section; Product Overview.

For other Related Product Webinars and Presentations (*AirVac Planning and Job-Layout*) or, for a list of *all* pre-recorded webinars and other training opportunities visit us at [www.LearnLinear.com](http://www.LearnLinear.com).

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Thank You!