

# What Makes Central Systems Vacuums Better? MD

There are a lot of things that make a **Central Systems Vacuum** an excellent investment for your home. From the power brush all the way to the motor, we think we've designed the best and most cost-effective central vacuum system available. Let us show you step by step why our central vacuum systems are the best in the industry.



## 1. The Electric Power Brush

The part of the central vacuum system you will spend the most time with is the power brush, while you're cleaning the carpet. The best brush for today's home is an electric brush. An electric brush opens up space between the carpet fibers, maximizes airflow rushing past those open fibers, and has a bristle action removing any particles or threads clinging to them. **The central vacuum industry has recognized the Stealth brush as the best power brush on the market** and this is an important reason we think our systems are better than the rest.

## 2. Airflow Dynamics

It's not enough to just have the best power brush. To achieve maximum performance, you must also maximize the airflow dynamics of the system. A four-inlet system with approximately 80 feet of 2" pipe to the motor and a 30-foot x 1 3/8" hose on the carpet will produce its effective performance at the 1 1/8" air opening size in the power brush. While most manufacturers ignore this law of airflow and only offer units with high water-lift statistics, The Central Systems vacuum models S2, B2, M32, S5 and G23 were specifically designed for peaked performance at the 1 1/8" opening size for maximum airflow. **The air displaced by the vacuum is what brings the debris with it and actually does the "cleaning". Therefore, the CFM or cubic feet of air displaced per minute is a more important statistic** than inches of water lift or AirWatts. Airflow is what makes the vacuum work. Our systems were also designed with the motors on the bottom and the intakes on the top so as the debris enters gravity assists the motors drawing it downward, filtering everything through a tapered filter that fills from the bottom up. Cyclonic models have their motor on top with the intakes in the middle designed to let gravity pull the heavy debris down into the collector and allow the lighter and fine particles to be pulled up through the motors and vent to the outside.



## 3. Motor Configuration

The next step in ensuring maximum benefit from your central system is using the proper motors. **Maximum airflow dynamics is achieved with two motors operating in parallel**, not in series, and cannot be achieved with a single motor. Due to the expense of the motors, most two motor units are made from 5.7" motors as opposed to the larger 7.2" motors. Single motor systems peak their performance at a 3/4" to 7/8" opening and have lost almost half their power at the larger 1 1/8" opening. That's why we design our entire system to take advantage of maximum performance specifications in every component. Read our Vacuumology article for a clear understanding of airflow dynamics. Also, due to our motors being on the bottom of the power unit, we have the coolest running motors. Power units with the motor located on the top pull in cooling air from the highest, hottest point of the unit. Our cooling intake on the bottom provides the lowest, coolest air. All of this adds up to greater longevity of the power unit.

## 4. Air Filtration

Central Systems Vacuums **use the most extensive filtration system to protect the motors**. An inherent limitation in competitors **cyclonic systems** exists in the motors should not have ANY dust going into the impellers! Just imagine how your car or furnace would run without an air filter protecting the motor. Please review our **Filtration Analysis** article to see how we filter without having serious suction loss. Our paper filters are the largest in the industry, have the highest air-permeability rating, and the lowest initial pressure loss. As a side benefit of this filtration, our units **do not need to be vented outside** in most applications.

## Added Extras

Add to these benefits our **SilentMaster®** units also –

- Are **Quieter** - have a patented noise suppression system that puts it below normal conversation level
- Are the best **Quality** - contain only the finest Honeywell relays, Basler transformers and Ametek motors. (All USA made). We do not use small components on a circuit board.
- Are **Stronger!** That's because it's made of 18-gauge steel compared to most vacs using 20 or 22 gauges.
- Are powder-coated inside and out to insure decades of use.
- Are **Easy** - are the easiest to mount on the wall, and the easiest to service, and
- Are the most **Functional** - the only systems to offer both left and right entry of the debris.

## 5. Warranty

To back up our claims, we provide a **6-year warranty** on all electrical components, and a lifetime warranty on the non-electric.

Don't be fooled by "**Lifetime Warranties**." Read the fine print (if you can find it). Make sure it covers wear and tear!

Our **technical support** is "par excellence." No other company offers you the **technical education** on each and every facet of the industry. Our website alone, at over 400 pages, addresses more issues than any other vacuum company in the world. Also, because of our exclusive distribution policies, we have retained **the best installers** of central vacuums in more than 40 countries.

## Comparison

Now you are armed with all the important facts, we're confident you will agree that Central Systems vacuum products **will clean your home better** than any other vacuum, and provide you with the best central vacuum system available.

**We welcome any comparison!** We encourage you to compare our systems to any other brand.

We offer a **7-day free test drive** in your home.

**We believe you and your customers deserve the best. Select Central Systems as "Your Central Vacuum Solution".**