



**VacStar**®

IMAGING | **UTILITY ROOM** | MERCHANDISE

MORE PERFORMANCE.
LESS WATER.

AIR
TECHNIQUES equipped for life™

KEEP YOUR PRACTICE PUMPING WITH VACSTAR®

VacStar dental wet vacuums have been trusted by dentists since 1986 and still deliver best-in-class performance. Air Techniques, Inc. continues to make the most reliable and efficient wet-ring dental evacuation systems. VacStars come with a five-year limited, extended warranty for unlimited hours – the best of its kind in the industry. All VacStar wet vacuum systems are manufactured in our 200,000 sq. foot New York facility with expertise and care to provide you with a high quality vacuum full of benefits to enhance your practice.

FOR YOUR BENEFIT

- Oil-free motor and pump housing ensures no disposal hassles or leaks.
- Easy to change solids collector means low maintenance and more time spent with your patients.
- Redesigned dual pumps are now independent to provide you with reassuring backup.
- All models comply with NFPA 99C Level 3 requirements and the latest UL-60601-1 & CAN/CSA C22.2 No. 601.1 standards.



VACUUM EQUALIZER

Monitor vacuum demand throughout the day, automatically switching pumps to extend service life.



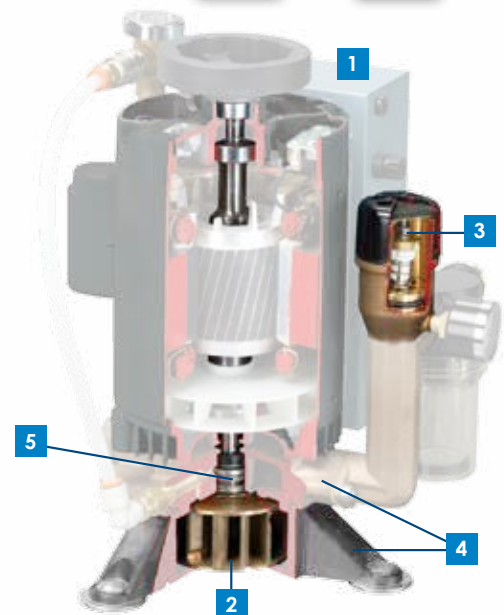
MONARCH CLEANSTREAM EVACUATION SYSTEM CLEANER

Use daily to prevent buildup of debris in the tubing. Non-corrosive, non-acidic and completely biodegradable.

THE HEART OF VACSTAR

From motors to valves, see how different components make a difference in your office:

- 1 CUSTOM-DESIGNED MOTOR.** Built for longevity with precision fabricated components.
- 2 DYNAMICALLY BALANCED.** Bearing load and wear is reduced by the impeller machined from naval bronze, to meet the demands of the dental practice.
- 3 MAINTAINS CONSISTENCY.** Optimum range of vacuum in each operator with highly efficient, patented relief valve.
- 4 CORROSIVE-RESISTANT.** Bronze-nylon pump housing reduces the possibility of leaks.
- 5 LONGEVITY.** Avoid leaks and extend the life of your product with the ceramic composite rotating Pac-Seal assembly.



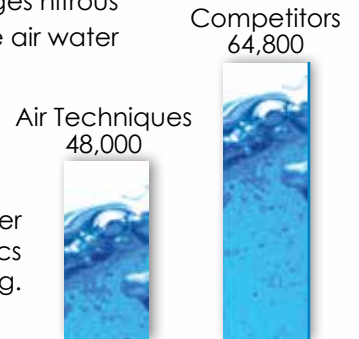
POWERING YOUR PRACTICE

VacStar allows dental offices to consistently obtain the highest performance while maintaining a space-saving, compact design. Available in four models, VacStar powers dental clinics of all sizes. With knowledgeable dealer service technicians and support personnel, VacStar models can be installed in tandem and customized for even larger practices. As always, you can depend on Air Techniques for the best customer service and technical support.

HYDROMISER™ THE SMART CHOICE

Setting a fresh standard in reusing water, HydroMiser™ recycles up to 75% of the water used by traditional wet-ring dental evacuation systems.

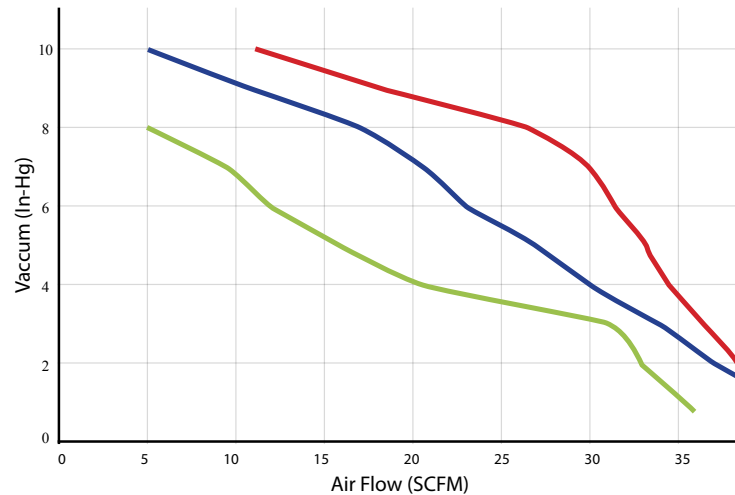
- Savings of over 65,000 gallons of water each year – the equivalent of a 30' x 50' inground swimming pool!
- Operates without any electricity or moving parts.
- Patented design available for all VacStar models.
- Recycles water and scavenges nitrous simultaneously - no separate air water separator needed!



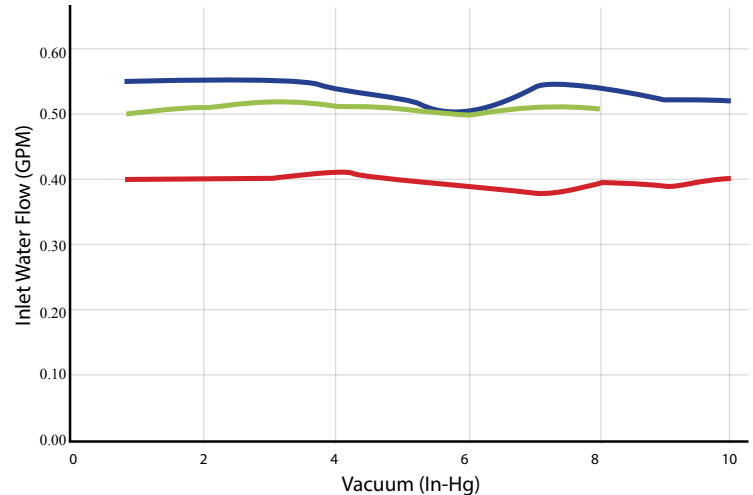
VacStar consumes less water to power dental clinics with water recycling.

Go With The Flow

Air Flow vs Vacuum



Vacuum vs Inlet Water Flow



VacStar powers dental clinics more effectively with a significantly higher air flow when compared to the equivalent level of the competition.



(Relief Valve in use & using water recycling)

SPECIFICATIONS



Part Number: VS20

Max. Number of Simultaneous Users: 2

Voltage (Min/Max): 105-125 / 205-253

Dimensions (HxWxD): 14" x 11" x 11"

Weight (Lbs): 68

Water Flow Rate / pump (gpm): .50

Circuit Breaker: 20 amp



Part Number: VS40

Max. Number of Simultaneous Users: 3

Voltage (Min/Max): 205-253

Dimensions (HxWxD): 17" x 11" x 11"

Weight (Lbs): 85

Water Flow Rate / pump (gpm): .75

Circuit Breaker: 20 amp



Part Number: VS50

Max. Number of Simultaneous Users: 4

Voltage (Min/Max): 205-253

Dimensions (HxWxD): 22" x 28" x 16"

Weight (Lbs): 160

Water Flow Rate / pump (gpm): .50 per pump

Circuit Breaker: 2-15 amp or 1-30 amp



Part Number: VS50H

Max. Number of Simultaneous Users: 4

Voltage (Min/Max): 205-253

Dimensions (HxWxD): 25" x 28" x 16"

Weight (Lbs): 170

Water Flow Rate / pump (gpm): .12 per pump

Circuit Breaker: 2-20 amp or 1-30 amp



Part Number: VS80

Max. Number of Simultaneous Users: 7

Voltage (Min/Max): 205-253

Dimensions (HxWxD): 22" x 28" x 16"

Weight (Lbs): 200

Water Flow Rate / pump (gpm): .75 per pump

Circuit Breaker: 2-20 amp or 1-40 amp



Part Number: VS80H

Max. Number of Simultaneous Users: 7

Voltage (Min/Max): 205-253

Dimensions (HxWxD): 25" x 28" x 16"

Weight (Lbs): 210

Water Flow Rate / pump (gpm): .18 per pump

Circuit Breaker: 2-20 amp or 1-40 amp

Trust your practice to Air Techniques, the dental vacuum leader with over 50 years of experience.



For over 50 years, **Air Techniques** has been a leading innovator and manufacturer of dental products. Our priority is ensuring complete satisfaction by manufacturing reliable products and providing excellent customer and technical support. Whether the need is digital imaging, utility room equipment or merchandise, Air Techniques can provide the solution via our network of authorized professional dealers. Proudly designed, tested and manufactured in the United States. Our products are helping dental professionals take their practices to the next level.

Air Techniques' products are distributed through authorized dealers only.

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