

More Performance. Less Water.



S P E C I F I C A T I O N S



Part Number: VS20
Voltage: 115/230
Full Load Amps: 16/8
Water Flow/GPM Per Pump: .50 gallons
Dimensions (HxWxD): 14" x 11" x 11"
Weight: 68 lbs.
Recommended # of Simultaneous Users: 1-2



Part Number: VS50H
Voltage: 230
Full Load Amps: 16
Water Flow/GPM Per Pump: .24 gallons
Dimensions (HxWxD): 25" x 28" x 16"
Weight: 170 lbs.
Recommended # of Simultaneous Users: 3-4



Part Number: VS40
Voltage: 230
Full Load Amps: 13.4
Water Flow/GPM Per Pump: .75 gallons
Dimensions (HxWxD): 17" x 11" x 11"
Weight: 85 lbs.
Recommended # of Simultaneous Users: 2-3



Part Number: VS80
Voltage: 230
Full Load Amps: 26.8
Water Flow/GPM Per Pump: .75 gallons
Dimensions (HxWxD): 22" x 28" x 16"
Weight: 200 lbs.
Recommended # of Simultaneous Users: 5-7



Part Number: VS50
Voltage: 230
Full Load Amps: 16
Water Flow/GPM Per Pump: .50 gallons
Dimensions (HxWxD): 22" x 28" x 16"
Weight: 160 lbs.
Recommended # of Simultaneous Users: 3-4



Part Number: VS80H
Voltage: 230
Full Load Amps: 26.8
Water Flow/GPM Per Pump: .36 gallons
Dimensions (HxWxD): 25" x 28" x 16"
Weight: 210 lbs.
Recommended # of Simultaneous Users: 5-7

(Note: Equipment sizing is calculated with all pumps running.)

Product Reliability and Innovation since 1962.



Our 200,000 sq. ft. manufacturing facility in Melville, NY.



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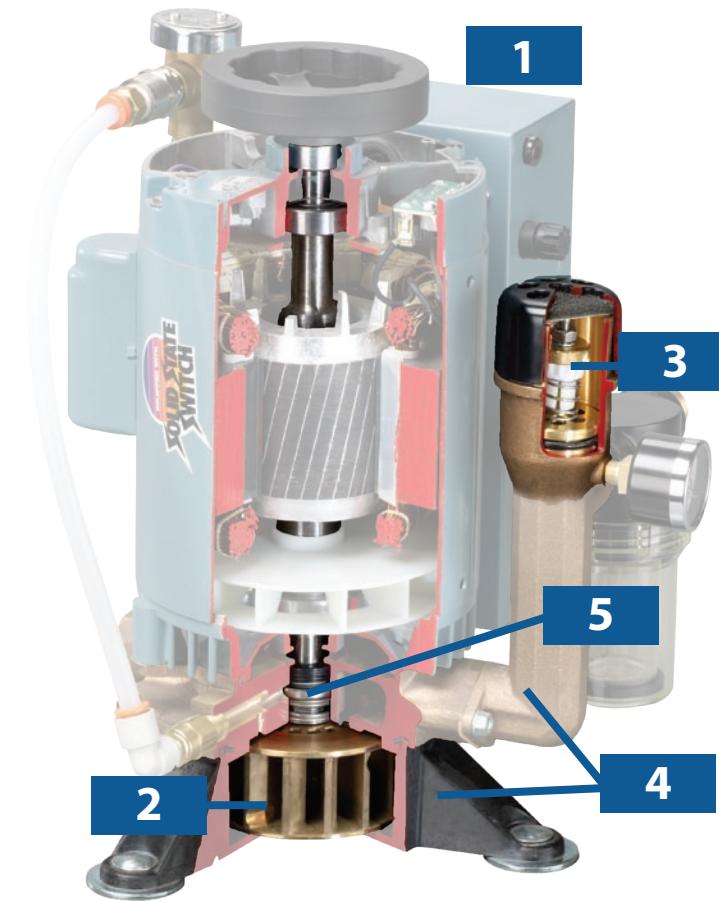
VacStar dental wet vacuums, have been trusted by dentists since 1986 and still deliver best-in-class performance. Air Techniques, Inc. – a company that has served the dental industry for almost five decades – continues to make the most reliable and efficient wet-ring dental evacuation systems. VacStars 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.



The Heart of VacStar

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

- 1** Built for longevity with a custom-designed motor and precision fabricated components.
- 2** Bearing load and wear is reduced by the dynamically balanced impeller machined from naval bronze, to meet the demands of the dental practice.
- 3** Maintain consistent, optimum range of vacuum in each operatory with the highly efficient, patented relief valve.
- 4** The possibility of leaks are reduced with corrosive-resistant, Bronze-Ryton pump housing.
- 5** Avoid leaks and extend the life of your product with the ceramic composite rotating PAC seal assembly.



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.

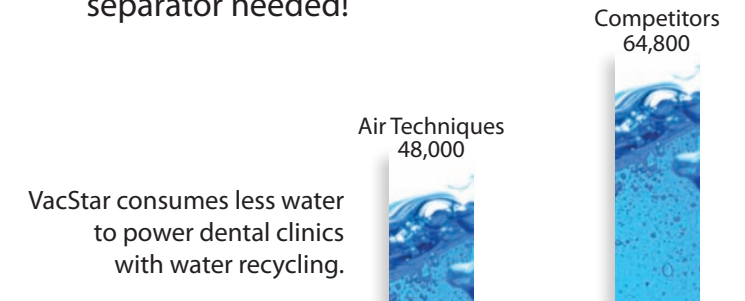
- Savings of over 65,000 gallons of water each year – the equivalent of a 30' x 50' inground swimming pool!
- Operates without any electricity or moving parts.
- Patented design available for all VacStar models.
- Recycles water and scavenges nitrous simultaneously - no separate air water separator needed!

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.

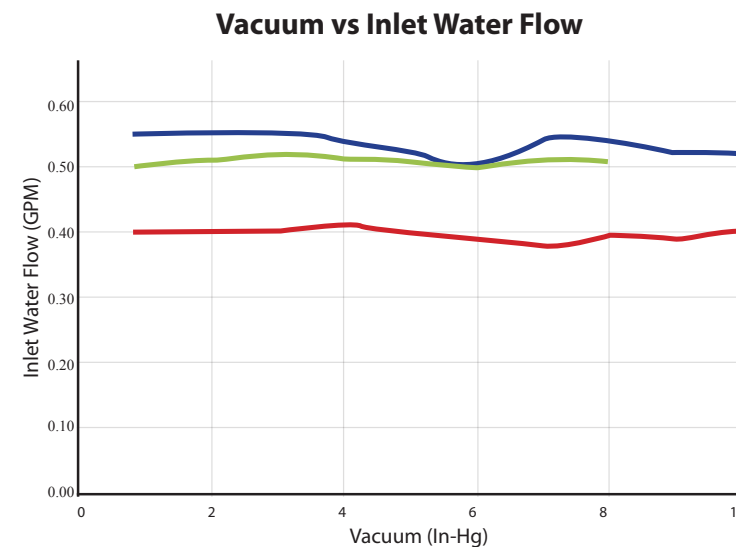
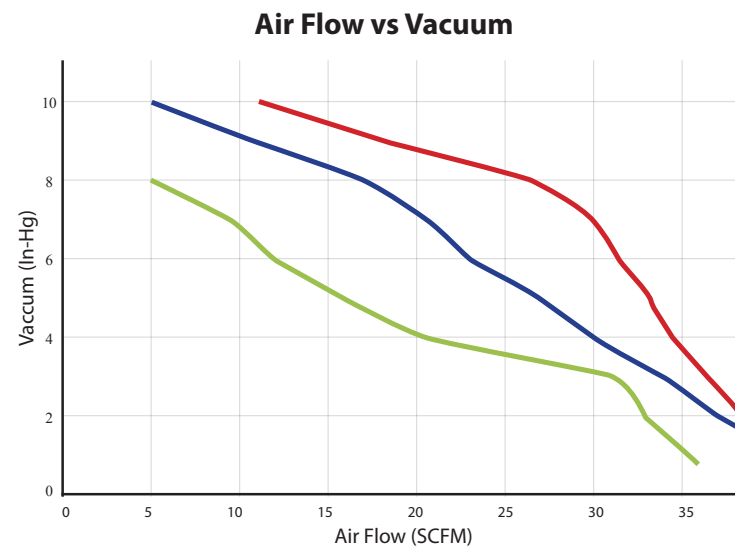
Powering Your Practice

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.



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

Go With The 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)

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

Accessories



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



CleanStream Evacuation System Cleaner
Use daily to prevent buildup of debris in the tubing. Non-corrosive, non-acidic and completely biodegradable with a neutral pH.