



VACSTAR | VACSTAR NEO

# VACSTAR® & VACSTAR® NEO

More Performance.  
Less Water.  
Less Energy.

**AIR**  
**TECHNIQUES** equipped for life®

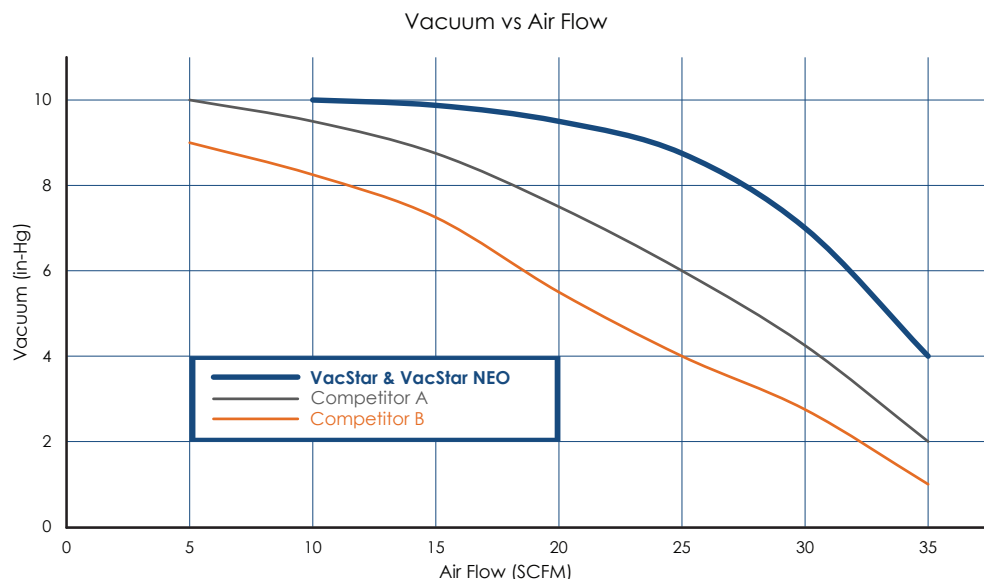


## Powering Your Practice

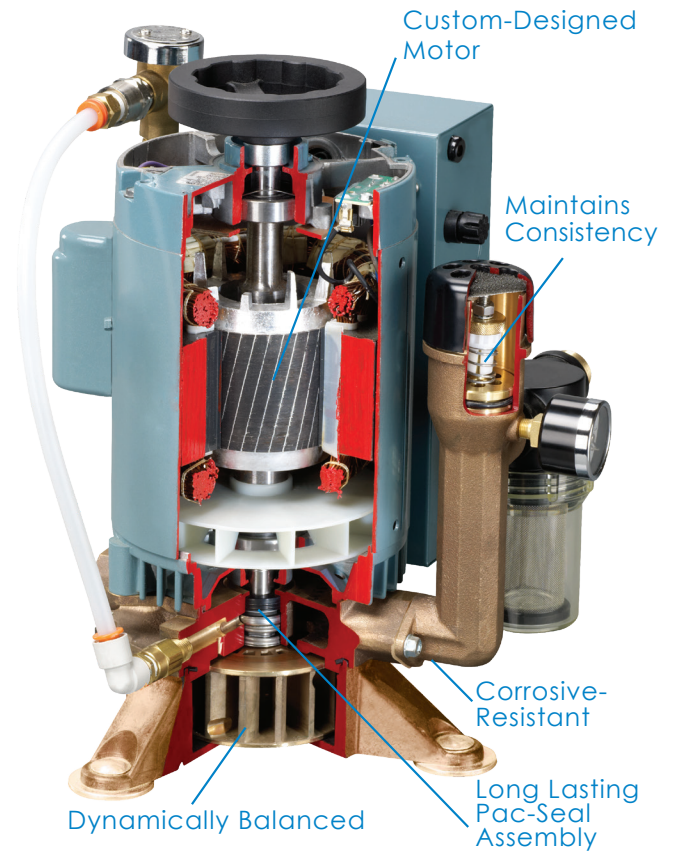
VacStar liquid-ring vacuums have been trusted by dentists since 1986 and still deliver best-in-class performance. The VacStar and VacStar NEO systems allow dental offices to consistently obtain the highest suction power while maintaining a space-saving, compact design. With water and energy savings in mind, our liquid ring vacuums are designed specifically to reduce your utility bill and promote an eco-conscious operating environment for your business. Both VacStar series can be sized to fit any practice from one to seven users and are fully expandable for even larger practices.

## Go With The Flow

VacStar and VacStar NEO power dental clinics more effectively with significantly higher air flow and much less water when compared to the equivalent level of the competition.







# VacStar Keeps Your Practice Pumping

VacStar liquid-ring pumps have dependably been the most robust and compact dental vacuum systems for over four decades. VacStar consumes less water to power dental clinics with the Hydromiser water recycling feature. Setting a fresh standard in reusing water, HydroMiser recycles up to 75% of the water used by traditional liquid-ring dental evacuation systems. VacStar consistently delivers high performance, with less water, for an economical solution to your dental vacuum needs.

- 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.
- Dual pump models operate independently for reassuring backup redundancy.
- Savings of over 65,000 gallons of water each year when used with a Hydromiser.
- Hydromiser operates without any electricity or moving parts.
- Recycles water and scavenges nitrous simultaneously with combined air/water separator.
- Vacuum Equalizer accessory automatically turns pumps on or off by monitoring vacuum demand.
- All models comply with the latest UL-60601-1 and CAN/CSA C22.2 No. 601.1 standards.

# Specifications



| Part Number | Max. Users | Voltage (+/- 10%) | Dimensions WxHxD (in) | Water Flow Rate (gpm) | Circuit Breaker (A) |
|-------------|------------|-------------------|-----------------------|-----------------------|---------------------|
| VS20 NEO    | 2          | 220               | 18.5 x 12 x 12        | .13                   | 20                  |
| VS40 NEO    | 3          | 220               | 18.5 x 12 x 12        | .13                   | 20                  |
| VS50 NEO    | 4          | 220               | 21 x 28 x 20          | .26                   | 30 or 15 (x2)       |
| VS80 NEO    | 7          | 220               | 21 x 28 x 17          | .26                   | 40 or 20 (x2)       |



| Part Number | Max. Users | Voltage (+/- 10%) | Dimensions WxHxD (in) | Water Flow Rate (gpm) | Circuit Breaker (A) |
|-------------|------------|-------------------|-----------------------|-----------------------|---------------------|
| VS20        | 2          | 120 , 220         | 14 x 11 x 11          | .50                   | 20                  |
| VS40        | 3          | 220               | 17 x 11 x 11          | .75                   | 20                  |
| VS50        | 4          | 220               | 22 x 28 x 16          | 1.00                  | 30 or 15 (x2)       |
| VS50H       | 4          | 220               | 25 x 28 x 16          | .26                   | 30 or 20 (x2)       |
| VS80        | 7          | 220               | 22 x 28 x 16          | 1.50                  | 40 or 20 (x2)       |
| VS80H       | 7          | 220               | 25 x 28 x 16          | .38                   | 40 or 20 (x2)       |





All VacStar Models Are Backed By An All-Inclusive **5 Year** Warranty

[airtechniques.com](http://airtechniques.com)

# From Design to Install

All VacStar liquid ring vacuum systems are manufactured in our 200,000 sq. foot New York facility with expertise and care to provide you with the highest quality vacuum full of benefits to enhance your practice. As always, you can depend on Air Techniques for the best customer service and technical support. From design to install, Air Techniques is there every step of the way.



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