

VECTOR

VORTEX

by Vector R & D Inc.

EXTRA-ORAL Suction Device

*Providing safety and piece-of-mind
for Doctors, staff and patients*

Reopening during the covid-19 crisis, dentists are looking to protect themselves, their staff and their patients from unnecessary risks of infection. The last thing a Dentist needs is another piece of equipment that doesn't function as advertised or breaks and you can't get parts! The Extra-Oral Suction market is being filled with glorified "Shop-Vac's" and copycat machines which will shortly become pieces of unused, broken or defective piles in equipment graveyards.

The Vector Vortex is different! Our manufacture has been building Extra-Oral suction machines for over 20 years. They have developed the features, technology, expertise and quality that a piece of medical equipment addressing an issue as serious as COVID-19 infection should have.

Your staff and patients are trusting you to open safely and you can trust us to provide an effective and reliable piece of equipment to help you do just that!



Effective POWER!

- 20Kpa of suction power produces consumes over 105.9 cubic feet of air! Capture more air, particles, vapor!
- 7 watt UVC light more effective than our 4 watt competitors!
- High voltage plasma generator for +,- ion sterilization and electromagnetic charge! Plasma generation is used in multiple industries to sterilize gases and surfaces.

Effective ERGONOMICS!

Extra adjustment knuckle (5 positions not 4) right at the oral cavity for fine adjustment and more effective particle capture. Proper positioning as close as possible to the patient is essential for adequate particle capture. The Vector Vortex makes that final positioning quick and easy!

Exclusive "HALO" suction hood with integrated shield. Position the hood like a shield for added protection or flip the hood around to be used like a "catchers-mitt". Both hoods provide standard cone and HALO design!

Effective FILTRATION! 2 HEPA Filters!

3 stages of manual filtration - 1st stage metal screen for bulk particle removal (can be removed rinsed and cleaned). 2nd stage HEPA air filter in-side the UVC light chamber. 3rd stage Final large HEPA-13 filter.

Effective DISINFECTION!

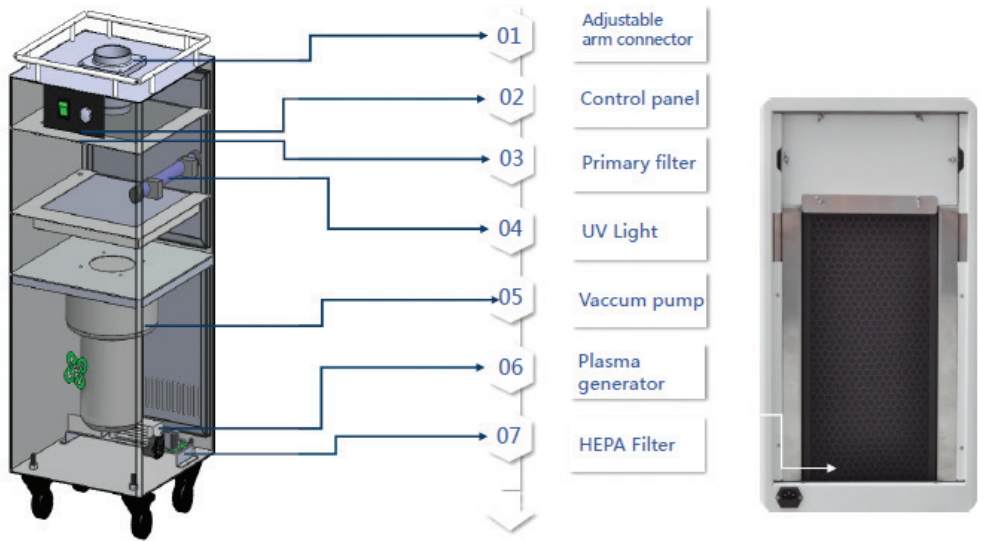
The Vector Vortex employs 2 disinfecting technologies UVC light and plasma generation. UVC light keeps the sage 1 HEPA filter clean as well as killing air-born particles forced through the UVC light chamber. The air then goes into the plasma sterilization chamber both killing and charging the particles prior to moving to the final stage large HEPA-13 filter. Plasma sterilization is ideal for sterilizing gases and surfaces.

How it works! Kills and Filters!

The droplets, aerosols and vapor are sucked into the machine and processed through a 4 stage filtration process.

- 1 - Initial HEPA filter
- 2 - UVC Light Chamber
- 3 - Plasma Generator
- 4 - Large HEPA-13 Filter

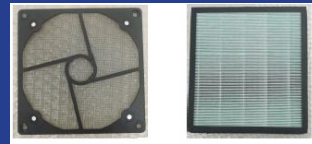
Independent study shows over 99% virus inactivation rate and 99.99% filtration rate of particles.



Vector Vortex - Extra Oral External Evacuation Unit
110v/60hz. Includes: Unit, Arm, filter set (installed). 1 each clear plastic hoods. 2 year warranty.
VV-1000\$ 2,900.00



Vector Vortex Large HEPA Filter (Final Stage)
VV-101\$ 110.00



Vector Vortex Filter Set
Stage 1 Metal Filter (A)
VV-102\$ 80.00
Stage 2 HEPA Filter (B)
VV-103\$ 80.00



Vector Vortex UV Lamp
VV-108\$ 100.00

Accessories:



Vector Vortex Capture Hoods

A Standard Bowl Type
VV-104\$ 25.00
B) "Halo" Style w/shield
VV-105\$ 25.00



Vector Vortex Suction Motor Replacement
VV-1118\$ 400.00

Specifications:

- Voltage: AC110V 60Hz
- Power: 1200VA
- Noise: ≤65 dB
- Pumping rate: ≥3m³/Min; 105.9CF/Min
- Max Vacuum: -20kpa
- Amount of negative ions: ≥100 million/m³
- Amount of positive ions: ≥80 million/m³
- HEPA Grade: H13 ≥99.97 0.3μm
- Dimension: 320*320*840mm 13" x 28" x 13"
- Net weight: 36kg 70 lbs
- Aprox. Arm Length = 55 Inches

