

**Base**  
**VAC**<sup>TM</sup>

---

# ABOUT BASEVAC

## Canadian-Based Manufacturer

BaseVac Dental is operated under R.E Morrison Equipment Inc., based out of Mississauga, Ontario. Our products are proudly made in Canada.

## Independent & Family-Owned

Our independent company has been family-owned and operated for over 35 years.

## Experts in Production Air Technology

Our vacuum pumps, blowers and integrated air systems are trusted by Canada's largest automotive, food & beverage, pharma & woodworking manufacturers.



Health  
Canada

Santé  
Canada

Class II  
Medical  
Device



ISO 13485:2016  
MDSAP  
CERTIFIED







# REM EQUIPMENT

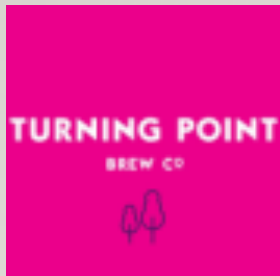
EXPERTS IN PRODUCTION AIR



REM Equipment provides customized solutions across multiple industries that require high velocity vacuum and compressed air.



- Dental
- Bakery
- Brewing
- Food
- Meat Processing
- Pharmaceutical
- Print and Paper
- Wood Working



# BaseVac Dry-Vacuum Lineup

100% Dry – No Oil, No Water

---



## HD-SERIES

Modular Vacuum  
2-16 Users



## M-VAC SERIES

Compact Vacuum  
1-3 Users



## SUR-SERIES

Surgical Vacuum  
5-25 Surgical Outlets  
Up to N-99 Cat 1



## T - CUSTOM SERIES

Large & Custom Vacuum  
16-400+ Users



# BaseVac Compressor Lineup

100% Dry – No Oil

---



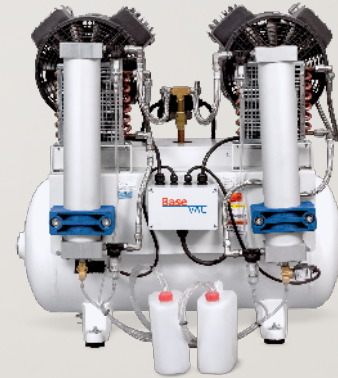
**S -SERIES**

Oil-Free Compressors  
1-4 Users



**SILENT -SERIES**

Oil-Free Compressors  
1-4 Users



**D -SERIES**

Oil-Free Compressors  
6-8 Users



**CAD-CAM-SERIES**

Milling Compressors  
(custom solutions  
for any system)

# What Makes BaseVac Vacuums Special?



## 100% Oil & Water Free

Save on water costs. No oil changes or oily exhaust residue.



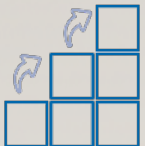
## Industry Leading Suction Performance

Adjustable vacuum up to 25" Hg for surgical and multi-specialty applications.



## Works with 1" Dia or Smaller Pipes

Easily replace old wet vacuum systems without replacing in-floor plumbing.



## Modular & Upgradable

Add new motor units and tank extensions to support up to 16 users.

## High Flow vs High Vacuum

### High Flow:

Best for pulling large volumes of air through larger diameter piping systems ( $1\frac{1}{2}$ "- 3")

### High Vacuum

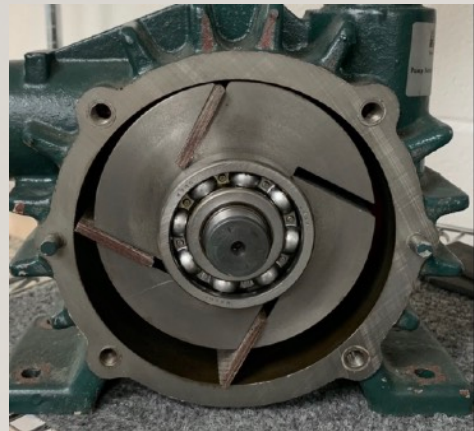
Best for pulling large volumes of liquids and solids through smaller diameter piping systems (1/2"- 2")



Average dry vac system = 10"hg max/ 6-8"hg avg

Basevac = 25" hg max/ 15" hg avg

Same motor used for Class 1 surgical vacuum



Competitor



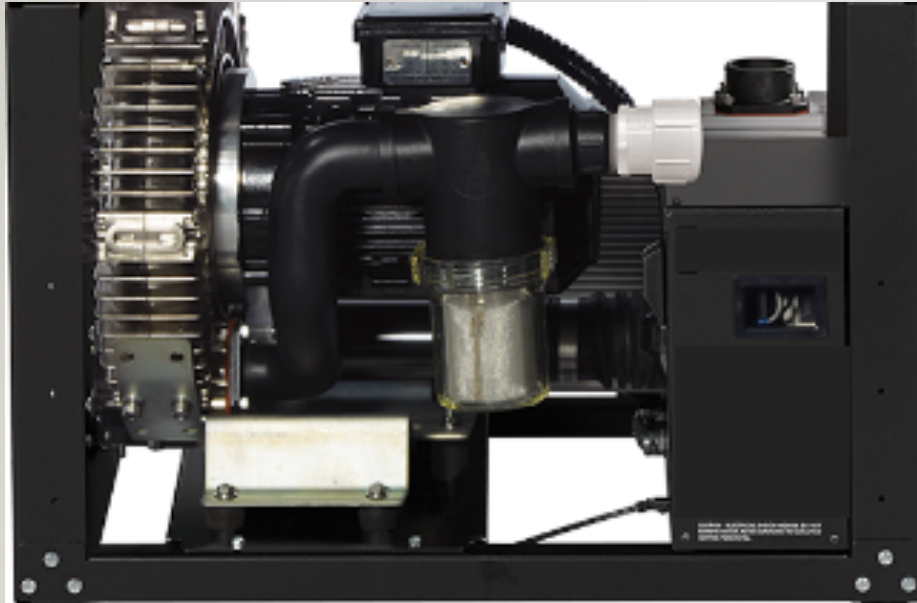
Basevac



**MORE VACUUM  
THAN ALL  
OTHER  
DENTAL  
VACUUM  
SYSTEMS**

# DESIGN

---



OILLESS DIRECT DRIVE REGENERATIVE BLOWER

- High RPM
- Low vacuum



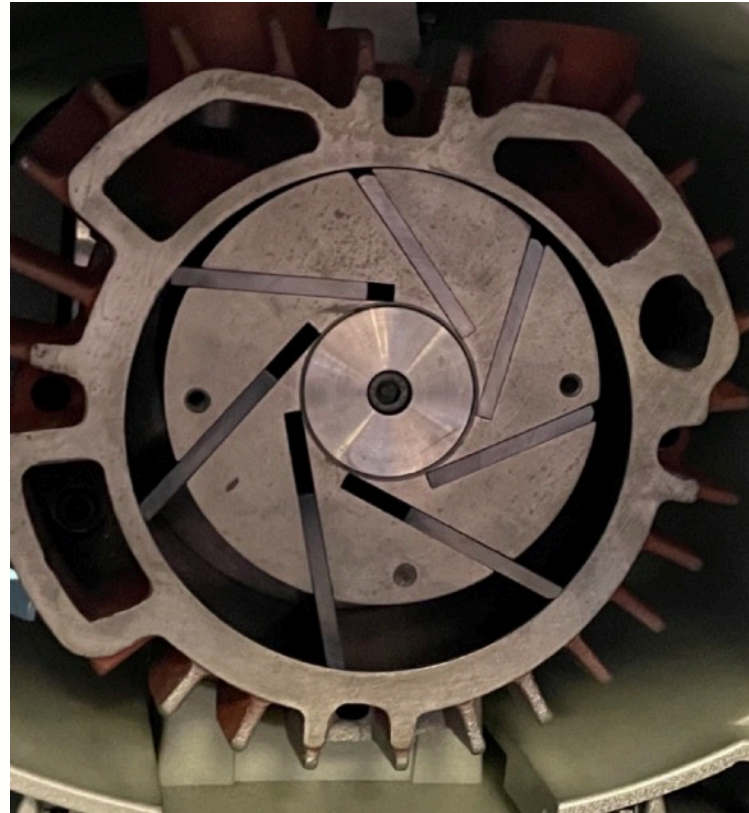
OIL LUBRICATED INDIRECTLY DRIVEN ROTARY VANE

- Low RPM
- Medium Vacuum





Suction Pump Upgrade: BVR 4.40



# DESIGN

- OILLESS DIRECT DRIVE ROTARY VANE
  - High RPM
  - High Vacuum

# Oil-Free Rotary Vane Pump: Why Do We Use It?

## The Basics

- Low Cost of Ownership (Minimal and economical Maintenance)
- Easily Upgradable - Can grow with the vacuum demand of the clinic
- Small Footprint
- Easily Repairable - Available Factory Rebuilt motors/ Commonly found local parts/ Easily Troubleshoot
- Works on vacuum lines as small as ½"
- Works well with overhead installations
- Generates up to 25" of Hg, raising the average level of suction to 10-15"Hg

## Best Applications

- Solutions for difficult applications
- Converting from Wet to Dry Vacuum
- Growing/expanding clinics
- Large custom systems
- Multi-specialty dental practices





# PERFORMANCE AND INSTALLATION

---

- 25" Hg
- Capable of pulling through smaller diameter trunk lines (1/2" or 1")
  - Wetvac replacements
  - Office Expansions
- Overhead plumbing is not an issue
  - All other vacuums restrict at 10 ft. height and/ or require additional motors
- Modular & Upgradeable
  - Add new motors easily
  - Tank extends if needed, not requiring the purchase of a new tank







# LARGE CUSTOM APPLICATIONS

- Basevac focused their attention on large, custom-built solutions
  - VA, Hospitals, Dental/ Hygiene Schools
- Now looking to streamline their product offering for day to day dental offices



# LARGE CUSTOM APPLICATIONS

---

- University of Pennsylvania
- George Brown College
- St. Clair College
- Sadlon Center
- Volunteer Dental Outreach



# MECHANICAL ROOM PACKAGES



## 4 User

- 1HD4.25 Vacuum
- S2.0 Compressor
- Solmetex Hg5
- Remote Switch
- Buck Boost Transformer



## 4 User+

- 1HD4.40 Vacuum
- D1.5 Compressor
- Solmetex Hg5
- Remote Switch
- Buck Boost Transformer



## 6 User

- 2HD4.25 Vacuum
- D1.5 Compressor
- Solmetex Hg5
- Remote Switch
- Buck Boost Transformers



## 6+ User

- 2HD4.40 Vacuum
- D1.5 Compressor
- Solmetex Hg5
- Remote Switch
- Buck Boost Transformers



## 8 User

- 2HD4.40 Vacuum
- D2.0 Compressor
- Solmetex Hg5
- Remote Switch
- Buck Boost Transformers