# Bison®

...packs the power!

## 35 years of proven performance... only from RAMVAC®.

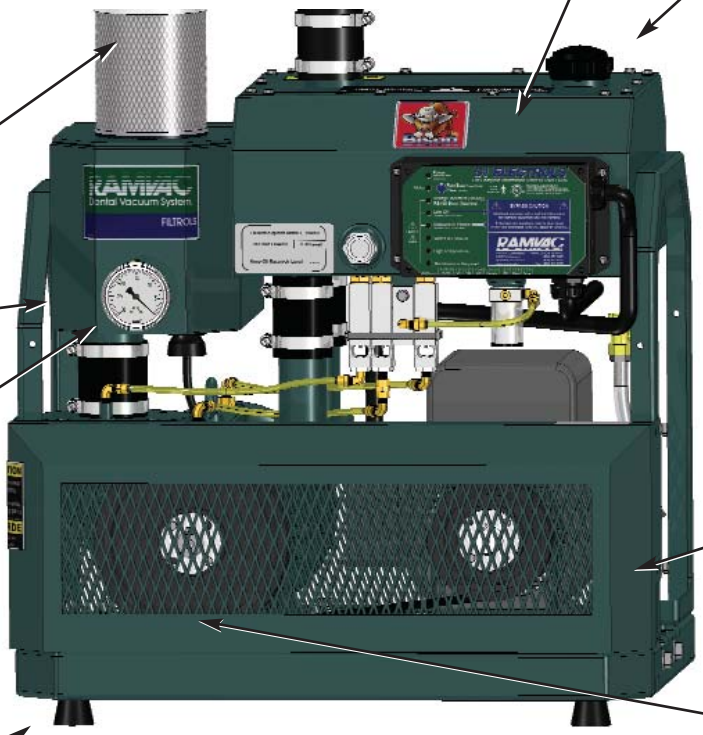
Easy install features include vertical inlet and exhaust with built-in exhaust check valve.

S1 Electrols with state-of-the-art micro controller keeps you informed of the equipment status. LEDs identify "faults" and announce time for maintenance.

One year service interval from a space saving oil reservoir recirculating Mobil 1® synthetic oil.

Exclusive gravity and vacuum driven oiling system with no moving parts.

Massive vacuum controller with stainless steel piston and centerless ground, nitrided aluminum cylinder.



Oversized pump shaft and bearings for maximum service life.

(inside) Washable, long-life, main air filter.

Exclusive, patented RAMVAC Filtrol features:
- positive protection from foam and liquids.
- check-once-a-year air filters.
- dust protected vacuum controller.

High efficiency single or three phase Baldor® motor.

10 year no-fail, no-wear-out warranty, high efficiency, low speed, oil-sealed, positive displacement pump.

Large capacity oil reservoir with "Low Oil" and "Water Contamination" switches.

Trucker and tornado proof 3/16" thick steel support members, 14 gauge sheet metal. Compact, space saving flat sides.

We built the *Bison*® for those who demand heavy duty power in a rugged, compact chassis. Driven by a hefty industrial frame motor, Bison pumps are *guaranteed to perform.* Everything about the Bison, from its solid steel rotor, 24mm shaft, oversized precision ball bearings and heavy gauge steel frame, proves this product is *built for endurance.* Backed by 35 years of efficient, water-free dental vacuum system expertise, these big pumps are *engineered to serve for decades.* Plus they're protected by the RAMVAC exclusive 10 year no-fail, no-wear-out warranty. No other vacuum producer can measure up to the efficiency of oil-lubricated, rotary-vane power. So if you demand *longevity, efficiency,* and unmatched treatment room performance, you're in the right pasture with the Bison.

# Bison

## All the power you'll ever need.

Just pick the Bison or Bison Combo that's right for you.

These recommendations are conservative. Oversizing is wasteful. To allow for future needs, select an upgradable model rather than oversize. More specific sizing may be required by: additional vacuum devices such as nitrous oxide scavengers, vacuum sinks and cuspidors; substandard piping; overhead piping, uncommon user standards and/or uncommon vacuum uses. Check the DentalEZ Group website or contact us for our complete line-up of vacuum units, tanks and options.

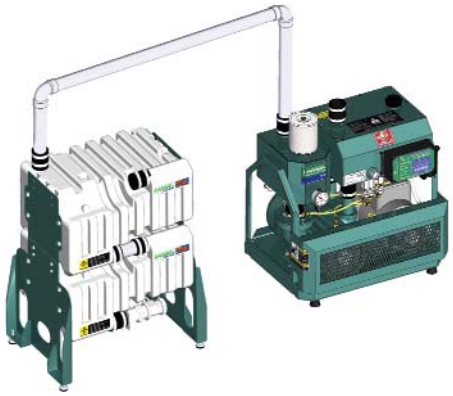
### Bison Combos

Bison Combos include the Bison Vacuum Unit and Tank most appropriate for typical applications.

| PRODUCT | PRODUCT NUMBER | APPLICATIONS (typical) | UPGRADEABLE | POWER UNIT | TANK SIZE |
|---|---|---|---|---|---|
| Bison Combo 3 | C818003 | Three doctors and staff working in 12 rooms or less | Yes | Bison 3 | 30 gallon (115 L) |
| Bison Combo 5 | C818005 | Five doctors and staff working in 15 rooms or less | Yes | Bison 5 | 50 gallon (190 L) |
| Bison Combo 7* | C826007 | Seven doctors and staff working in 15 rooms or less | Yes | Bison 7 | InfiniTank™ |
| Bison Combo 9* | C826009 | Nine doctors and staff working in 15 rooms or less | Yes | Bison 9 | InfiniTank |

RAMVAC is built to serve NFPA Level 3 vacuum applications. RAMVAC must not be used for lab dust collection or housekeeping applications. Other applications may be served by custom systems. Check the RAMVAC website or contact us for our complete line-up of vacuum units, tanks and options.

*Bison 7s and 9s should be used in VSC Combos or MPC systems and typically not as single vacuum units.

| Bison Combo 3 | Bison Combos 3-9 | 50 Gallon Tank Option |
|---|---|---|
| Common configurations shown below. Many more possible. Please see Pre-Installation Guide. | | |
|  | | |
| Vacuum Unit along side 30 gallon Otter Tank<br>60" W x 21" D x 26" H<br>1524 mm x 533 mm x 914 mm | Vacuum Unit stacked on a 30 gallon Otter Tank with Bison platform (sold separately)<br>32" W x 21" D x 70" H<br>813 mm x 533 mm x 1779 mm | Vacuum Unit along side 50 gallon tank<br>50" W x 22" D x 62" H<br>1270mm x 560mm x 1580mm |

- Power for demanding operators.
- Exclusive 10 year no-fail, no-wear-out pump warranty.
- Performance proven for 35 years.
- "Low Oil" and "Water Contamination" sensors.
- No messy strainers to clean.
- Once a year maintenance.
- Works with widest range of piping.
- UL Listed, FDA registered, complies with NFPA 99c.
- 100% water-free.

StarDental DentalEZ CustomAir RAMVAC

EFFICIENCY IN DENTISTRY®

Baldor® and Mobil 1® are the respective trademarks of Baldor Electric Company and Mobil Oil Corporation.
DentalEZ, StarDental, CustomAir, and Efficiency in Dentistry are registered trademarks of DentalEZ Inc. RAMVAC, Bison, and Bulldog are registered trademarks and InfiniTank is a trademark of RAMVAC Dental Products Inc.

DentalEZ GROUP

For more information
866.DTE.INFO
www.dentalez.com

To order, please contact your authorized dealer.