NEW S2 controls utilize a pressure transducer so the vacuum levels are digitally displayed on a 2 line, 16 character LCD. Displays maintenance reminders and alarms. S2 Electrols with state of the art micro controller keeps you informed of the equipment status.

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

(inside) Long life, main air filter.

Exclusive, patented RAMVAC Filtrol features:
- Positive protection from foam and liquids.
- Replace once a year air filters.
- Dust protected vacuum controller.

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

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

Large capacity oil reservoir with “Low Oil” and “Water Contamination” alarms or sensors.

Oversized pump shaft and bearings for maximum service life.

High efficiency single or three phase Baldor® motor.

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

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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 40 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 rotary vane 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.

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® 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.

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>PRODUCT NUMBER</th>
<th>APPLICATIONS (typical)</th>
<th>POWER UNIT</th>
<th>TANK SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bison Combo 3</td>
<td>C818003</td>
<td>Three doctors and staff working in 12 rooms or less</td>
<td>Bison 3</td>
<td>30 gallon (115 L)</td>
</tr>
<tr>
<td>Bison Combo 5</td>
<td>C818005</td>
<td>Five doctors and staff working in 15 rooms or less</td>
<td>Bison 5</td>
<td>50 gallon (190 L)</td>
</tr>
<tr>
<td>Bison Combo 7*</td>
<td>C826007</td>
<td>Seven doctors and staff working simultaneously</td>
<td>Bison 7</td>
<td>InfiniTank™</td>
</tr>
<tr>
<td>Bison Combo 9*</td>
<td>C826009</td>
<td>Nine doctors and staff working simultaneously</td>
<td>Bison 9</td>
<td>InfiniTank</td>
</tr>
</tbody>
</table>

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.

*Bison 7 and 9* should be used in multiple vacuum systems and typically not as single vacuum units.

**Bison Combi**

**50 Gallon Tank Option**

Common configurations shown below. Many more possible. Please see Pre-Installation Guide.

<table>
<thead>
<tr>
<th>Vacuum Unit along side 30 gallon Otter Tank</th>
<th>Vacuum Unit stacked on a 30 gallon Otter Tank with Bison platform (sold separately)</th>
<th>Vacuum Unit along side 50 gallon tank</th>
</tr>
</thead>
<tbody>
<tr>
<td>60° W x 21” D x 26” H 1524 mm x 533 mm x 914 mm</td>
<td>32° W x 21” D x 70” H 813 mm x 533 mm x 1779 mm</td>
<td>50° W x 22” D x 62” H 1270 mm x 560 mm x 1580 mm</td>
</tr>
</tbody>
</table>

UL 60601-1
CSA-C22.2 No. 601.1-M90
ISO 13485:2003