Maintenance professionals know that liquid-sealed vacuum pump systems have many advantages over dry pump systems. However, water-sealed systems have several high-maintenance factors to manage and control, such as high water usage, corrosion and contaminated wastewater. Oil-sealed systems do not have these problems.

General advantages of liquid-sealed systems:
- More reliable
- Safer
- Quieter
- Lower maintenance

Special advantages of oil-sealed systems:
- No water usage
- No contaminated waste-water
- No corrosion or scaling
- Operating temperature 150º - 175ºF
- 10,000 hour oil-change interval

Special advantages of DEKKER systems:
- DEKKER Vacuum Controller
- Patented DX-5 and DX-7 air/oil separators
- Specially formulated Vmaxol seal-fluid
- Optional Variable Frequency Drive

Call one of our solutions experts at 888-925-5444 today and let us help provide a solution for you.

The Oil-sealed Liquid Ring Vacuum Pump System Built to NFPA 99 Specifications

Cost-saving Vmax oil-sealed vacuum pump systems at B.M.C.

“The reliability, noise reduction, and elimination of water were our driving forces for a decision to install 7 Vmax compact 10 HP oil-sealed units. We have eliminated short run times, frequent center starts and stopping failures that were significantly affecting our ability to keep up with repairs and maintenance.”

“...and we have eliminated short run times, frequent motor starts and coupling failures that were significantly affecting our ability to keep up with repairs and maintenance. This was one of the best decisions for process improvement by our maintenance team. Your sales and service team was great and the product arrived and was installed properly and the factory support has been outstanding. Thank you.”

Greg Widener
Borgess Medical Center
Manager, Maintenance & Engineering

Call DEKKER: The Experts in Vacuum Solutions at 888-925-5444 for application expertise.
HOSPITAL VACUUM: ABSOLUTELY CRITICAL...FAILURE NOT AN OPTION

in offering same-day shipping of most standard parts. DEKKER maintains an extensive domestic and global network of authorized service centers.

SOLUTIONS APPROACH

Critical needs. These very demanding and specific solutions to meet this and have designed the vacuum experts at Dekker Vacuum Technologies offer vacuum system solutions in hospitals and medical facilities throughout the country...from large university hospitals to small community medical centers and clinics.

One consultation with our vacuum experts will demonstrate the difference between our approach to providing vacuum solutions and that of the typical medical equipment supplier where the vacuum pump system is only a catalog item, often based on price, without taking particular site requirements into consideration.

Our experts can provide you with a detailed vacuum solution to address the efficiency of your medical vacuum systems. We can also help improve your bottom line and overall satisfaction by:

- Reducing Operating Costs
- Improving Reliability
- Lowering Maintenance Costs
- Stabilizing Vacuum Levels
- Improving Reliability
- Reducing Operating Costs

Without taking particular site requirements into consideration.

Our approach to providing vacuum solutions and that of the typical medical equipment supplier where the vacuum pump system is only a catalog item, often based on price, are at least two high-efficiency oil-sealed liquid ring vacuum pump systems built to NFPA99 specifications.

Lubricated rotary vane vacuum pump systems are available in multiple configurations, such as stack-mounted, base-mounted or tank-mounted units.

DEKKER supplies NFPA 99 compliant medical packages for hospitals and laboratories in capacities ranging from 20-230 SCFM (at 19" Hg) per pump.

All multi-pump systems are equipped with microprocessors, eliminating vacuum switches.

Radiator Vane...well designed, reliable and economically priced

Lubricated rotary vane vacuum pump systems are available in multiple configurations, such as stack-mounted, base-mounted or tank-mounted units.

DEKKER supplies NFPA 99 compliant medical packages for hospitals and laboratories in capacities ranging from 20-230 SCFM (at 19" Hg) per pump.

All multi-pump systems are equipped with microprocessors, eliminating vacuum switches.

OIL-FREE (dry) rotary vane vacuum pump systems built to NFPA 99 specifications are available in multiple configurations, such as stack-mounted, base-mounted or tank-mounted units.

DEKKER supplies NFPA 99 compliant medical packages for hospitals and laboratories in capacities ranging from 5-30 SCFM (at 19" Hg) per pump.

All multi-pump systems are equipped with microprocessors, eliminating vacuum switches.

WATER-SEALED liquid ring vacuum pump systems built to NFPA99 specifications.

For the recovery of anesthetic gases. Aquaseal high-efficiency water-sealed liquid ring vacuum pump systems are the only vacuum pump systems that are 100% address and 100% safe for operation in WMAQ applications.

DEKKER supplies NFPA 99 compliant Aquaseal water-sealed liquid ring vacuum pump systems in capacities ranging from 13 - 400 SCFM (at 19" Hg) per pump. The systems are reliable, quiet and low maintenance.

Other Vacuum Solutions Available From DEKKER...
HOSPITAL VACUUM: ABSOLUTELY CRITICAL...FAILURE NOT AN OPTION

Dekker Vacuum Technologies offers vacuum system solutions to hospitals and medical facilities throughout the country— from large university hospitals to small community medical centers and clinics.

One consultation with our vacuum experts will demonstrate the difference between our approach to providing vacuum solutions and that of the typical medical equipment supplier whose vacuum pump system is only a catalog item, often based on price, without taking particular site requirements into consideration.

Our experts can provide you with a detailed vacuum solutions approach to optimize the efficiency of your medical vacuum systems. We can also help improve your bottom line and overall satisfaction by:

- Reducing Operating Costs
- Improving Reliability
- Saving Maintenance Costs
- Stabilizing Vacuum Levels
- Reducing Operating Sound Levels

Our experts can provide you with a detailed vacuum solutions approach to optimize the efficiency of your medical vacuum systems. We can also help improve your bottom line and overall satisfaction by:

1. Reducing Operating Costs
2. Improving Reliability
3. Saving Maintenance Costs
4. Stabilizing Vacuum Levels
5. Reducing Operating Sound Levels

Medical vacuum applications in hospitals and clinics are far more critical than industrial applications. In surgical procedures, loss of suction can mean loss of life. Therefore, the most reliable vacuum pump systems are required.

The vacuum experts at Dekker Vacuum Technologies understand this and have designed specific solutions to meet these very demanding and critical needs.

Standard Features Benefits

- Variable Frequency Drive
- Maximum Performance
- Maximum Noise Reduction
- Modular Design
- Full 3-year warranty

Special Features Benefits

- Titan single-stage liquid ring vacuum pumps are at least two high-efficiency oil-sealed liquid ring vacuum pump systems.
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Optional Features Benefits

- Titan single-stage oil-free (dry) liquid ring vacuum pumps are available in multiple configurations, such as stack-mounted, base-mounted or tank-mounted units.
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Other Vacuum Solutions Available From DEKKER...

LUBRICATED rotary vane vacuum pump systems built to NFPA 99 specifications.

DEKKER lubricated rotary vane vacuum pump systems are available in multiple configurations, such as stack-mounted, base-mounted or tank-mounted units.

DEKKER supplies NFPA 99 compliant medical packages for hospitals and laboratories in capacities ranging from 2 - 250 SCFM (at 19” Hg) per pump.

All multi-pump systems are equipped with microprocessors, eliminating vacuum switches.

DuraVane...well designed, reliable and economically priced

OIL-FREE (dry) rotary vane vacuum pump systems built to NFPA 99 specifications available in multiple configurations, such as stack-mounted, base-mounted or tank-mounted units.

DEKKER supplies NFPA 99 compliant medical packages for hospitals and laboratories in capacities ranging from 2 - 30 SCFM (at 19” Hg) per pump.

All multi-pump systems are equipped with microprocessors, eliminating vacuum switches.

DuraVane...exclusive design: fewer vanes

WATER-SEALED liquid ring vacuum pump systems built to NFPA 99 specifications.

For the recovery of anaerobic gases, Aquaseal high-efficiency water-sealed liquid ring vacuum pump systems are the only vacuum pump systems that are 100% address and are 100% reliable for operation in WADG applications.

DEKKER supplies NFPA 99 compliant Aquaseal water-sealed liquid ring vacuum pump systems in capacities ranging from 15 - 100 SCFM (at 19” Hg) per pump. The systems are reliable, quiet and low maintenance.

Call DEKKER: The Experts in Vacuum Solutions at 888-925-5444 for application expertise.
DEKKER offers a complete range of accessories and warrants a comprehensive inventory of pumps and parts. For emergency repairs, DEKKER supplies NFPA 99 compliant medical vacuum pump systems to hospitals and laboratories in capacities ranging from 3 – 30 SCFM (at 1” Hg) per pump. All multi-pump systems are equipped with microprocessors, eliminating vacuum switches.

**LUBRICATED (rotary vane) liquid ring vacuum pump systems** are available in multiple configurations, such as stack-mounted, base-mounted or tank-mounted units.

DEKKER supplies NFPA 99 compliant medical vacuum pump systems in capacities ranging from 13 - 300 SCFM (at 1” Hg) per pump. The systems are reliable, quiet and low maintenance.

**OIL-FREE (dry) rotary vane vacuum pump systems** built to NFPA 99 specifications are available in multiple configurations, such as stack-mounted, base-mounted or tank-mounted units.

DEKKER supplies NFPA 99 compliant medical vacuum pump systems throughout the country... from large university hospitals to small community facilities...from hospitals to clinics...to surgical applications in hospitals and medical facilities...from hospitals to clinics...to surgical applications in hospitals and medical facilities.

**WATER-SEALED** liquid ring vacuum pump systems built to NFPA 99 specifications are available in multiple configurations, such as stack-mounted, base-mounted or tank-mounted units.

For the recovery of anaesthetic gases, Aquaseal systems are the only vacuum pump system that provides: a closed-loop water-sealed liquid ring vacuum pump system for hospitals and laboratories in capacities ranging from 3 – 30 SCFM (at 1” Hg) per pump. All multi-pump systems are equipped with microprocessors, eliminating vacuum switches.

**OIL-FREE (dry) rotary vane vacuum pump systems** built to NFPA 99 specifications are available in multiple configurations, such as stack-mounted, base-mounted or tank-mounted units.

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DuraVane high vacuum lubricated rotary vane vacuum pumps

Medical Vacuum Solutions

Maintenance professionals know that liquid-sealed vacuum pump systems have many advantages over dry pump systems. However, water-sealed systems have several high-maintenance factors to manage and control, such as high water usage, corrosion and contaminated waste water. Oil-sealed systems do not have these problems.

General advantages of liquid-sealed systems:
- More reliable
- Safer
- Quieter
- Lower maintenance

Special advantages of oil-sealed systems:
- No water usage
- No contaminated waste-water
- No corrosion or scaling
- Operating temperature 150º - 175ºF
- 10,000 hour oil-change interval

Special advantages of DEKKER systems:
- DEKKER Vacuum Controller
- Patented DX-5 and DX-7 air/oil separators
- Specially formulated Vmaxol seal-fluid
- Optional Variable Frequency Drive

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The Oil-sealed Liquid Ring Vacuum Pump System Built to NFPA 99 Specifications

"The reliability, noise reduction, and elimination of water were our driving forces in deciding to install 7 Titan compact 7.5 HP oil sealed units. We have eliminated short run times, frequent center starts and stopping failures that were significantly affecting our ability to keep up with repairs and maintenance.

"The energy and water conservation efforts have saved our facility approximately $40,000 annually.

"In addition, we will be starting up a new triple 20 HP Delta Vac vacuum system for our Outpatient Services Building.

"This was one of the best decisions for process improvement by our maintenance staff. Your sales and service were made sure that the product arrived and was installed properly and the factory support has been outstanding. Thank you.

Greg Widener
Borgess Medical Center
Manager, Maintenance & Engineering

MOTTLED IN
Parallel Engineering from Start-To-Finish

GOLD STANDARD SUPPORT
Your Knowledge-Backed Guarantee. Fixed help using a vacuum pump? Having application problems? With over 100 years of combined experience, you need to talk to the experts. At DEKKER, we specialize in helping you resolve problem situations, avoid unnecessary expenses, and optimize results.

Maintenance, service, and repair to you keep operating at maximum efficiency.

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dekkervacuum.com

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The Oil-sealed Liquid Ring Vacuum Pump System Built to NFPA 99 Specifications

"The reliability, noise reduction, and elimination of water were our driving forces in our decision to install these compact 15 HP oil-sealed units. We have eliminated short run times, frequent center stops and cycling failures that were significantly affecting our ability to keep up with repairs and maintenance."

"The energy and water conservation efforts have saved our facility approximately $40,000 annually."

"It is evident, we will be daydreaming of a new triple 20 HP oil-sealed vacuum system for our Operating Services Building Addition that is slated to open this summer. Our overall expected annual savings by switching to the Oil-Sealed Liquid Ring Technology should exceed to about $40,000 annually."

"This was one of the best decisions for process improvement by our maintenance team. Your sales and service team were great and the product arrived and was installed properly and the factory support has been outstanding. Thank you."

Greg Widener
Manager, Maintenance & Engineering
Borgess Medical Center

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PUMPS AND SYSTEMS FOR HOSPITALS AND CLINICS

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Collaborative Engineering from Start-To-Finish

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GOLD STANDARD SUPPORT

"Your Knowledge-Based Guarantee. Fixed help using a vacuum pump! Facing application problems? Call 888.DK2.Know and let our experts help you keep your facility up and running. Our experts are dedicated to helping you resolve your unique situation challenges, issue assessment processes and operation needs.

"Maintenance, service and repair to keep spending at minimum efficiency."