From the people who pioneered the first oil-sealed liquid ring vacuum pump system

The systems offered to you today by DEKKER Vacuum Technologies, Inc. are the result of years of research and experience in the design, operation and application of this type of system with hundreds of successful installations in the field. The main advantage of our system is that the use of water – and the corrosion and waste associated with it – has been completely eliminated. DEKKER's patented DX-5* and DX-7* air/oil separator virtually eliminates oil carry-over concerns and ensures the cleanest environment.

At the heart of the systems is the high-efficiency single-stage liquid ring vacuum pump manufactured to ISO 9001 quality control standards offering excellent reliability in many industrial applications.

By using DEKKER's specially formulated low vapor pressure sealing fluid, the system can operate for 10,000 hours or more without an oil change, while preventing corrosion and scale build-up. This results in maximum savings in overall operating and maintenance costs. Another benefit is that the life of the pump increases dramatically. Many systems that have been in operation for more than 15 years still have the original pump installed and are working without a major overhaul.

Larger sizes up to 6000 CFM available, consult factory.

* U.S. Patents: DX-5: 6033462  
DX-7: 6350299

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DEKKER offers a complete range of accessories and carries a comprehensive inventory of pumps and parts. For emergency repairs, DEKKER takes pride in offering same-day shipping of most standard parts. DEKKER maintains an extensive domestic and global network of authorized service centers.

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### Performance characteristics Vmax®/Vmax®/VmaxPL® oil-sealed liquid ring vacuum pump systems

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<tr>
<th>Liquid Ring oil-seal vacuum pump</th>
<th>Nominal Capacity (ACFM)</th>
<th>Motor Size</th>
<th>50 Hz kW</th>
<th>Motor Size</th>
<th>60 Hz kW</th>
<th>Max Vacuum Level (&quot;Hg)</th>
<th>Oil Capacity Ltr</th>
<th>Oil Capacity Gal</th>
<th>Pump Speed (RPM)</th>
<th>Noise (at 3 ft) (dBA)</th>
<th>Weight bare-shaft Kg</th>
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U.S. Patents: DX-5: 6033462  
DX-7: 6350299
FEATURES & BENEFITS:

RETURN ON INVESTMENT:
All Vmax systems are available with Variable Frequency Drive (VFD) option: control of power consumption, current inrush, vacuum, cost, and ROI.

PRODUCTIVITY:
Built for the toughest applications; operates continuously and can tolerate accidental carry-over of liquids and soft solids.

SAVINGS:
Low maintenance; can operate for 10,000 hours or more without an oil change.

EFFICIENCY:
DEKKER’s patented DX-5 and DX-7 separators eliminate oil carry-over concerns and ensure the cleanest environment.

NOISE REDUCTION:
The systems are exceptionally quiet, which is desirable in today’s workplace.

RELIABILITY:
No internal bearings or metal-to-metal contact assures continuous operation.

CONTROL:
Systems can operate over the full vacuum range without overheating.

PAYBACK:
Use of water is completely eliminated, offering a quick payback when replacing water-sealed liquid ring vacuum pump systems.

WARRANTY:
The Vmax system is the only system on the market offering a 3-year warranty. All custom-engineered systems offer a 1-year warranty.

Maximize Your Productivity

Call DEKKER: The Experts in Vacuum Solutions at 888-925-5444 for application expertise.

Data is subject to change without notice.
DISTRIBUTED BY GOLD STANDARD SUPPORT

Your Knowledge-Backed Guarantee. Need help sizing a vacuum pump? Having application problems? With over 100 years of combined experience, we’ve made it our business to know your needs as well as our systems capabilities. With DEKKER, you get a team of vacuum experts dedicated to helping you resolve system challenges, streamline processes, and optimize results.

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

GOLD STANDARD SUPPORT

INCREASE YOUR INDUSTRIAL VACUUM KNOWLEDGE
dekkervacuum.com

Process Savings Energy Savings Environmental Sustainability Optimized Performance Knowledge Base

Titan®
Single and Two Stage Liquid Ring Vacuum Pumps
6-2,000 CFM

Maxima-C®
Large Capacity Conical Liquid Ring Vacuum Pumps
1,000 to 22,000 CFM

Maxima-K™
Large Capacity Liquid Ring Vacuum Pumps
1,500 to 39,000 CFM

Vmax
Oil Sealed Liquid Ring Vacuum Pump Systems
35-5,400 CFM

DuraVane®
Lubricated and Dry Rotary Vane Vacuum Pumps
2-710 CFM

HullVac
Rotary Piston Vacuum Pumps
17-1,280 CFM

ChemSeal®
Vacuum Pump Systems
15-10,000 CFM

Aquaseal
Water Sealed Vacuum Pump Systems
15-39,000 CFM

AquaSeal
Vacuum Pump Systems
15-5,000 CFM

INCREASE YOUR INDUSTRIAL VACUUM KNOWLEDGE
dekkervacuum.com

Collaborative Engineering from Start-To-Finish

1. Solutions
2. Assessment
3. Evaluation

Customer Needs