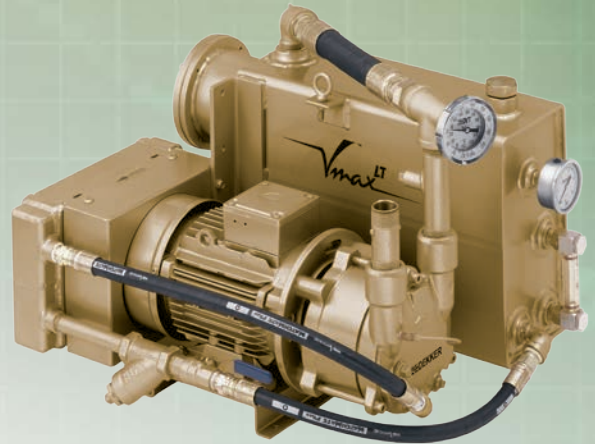


OIL-SEALED LIQUID RING VACUUM PUMP SYSTEMS

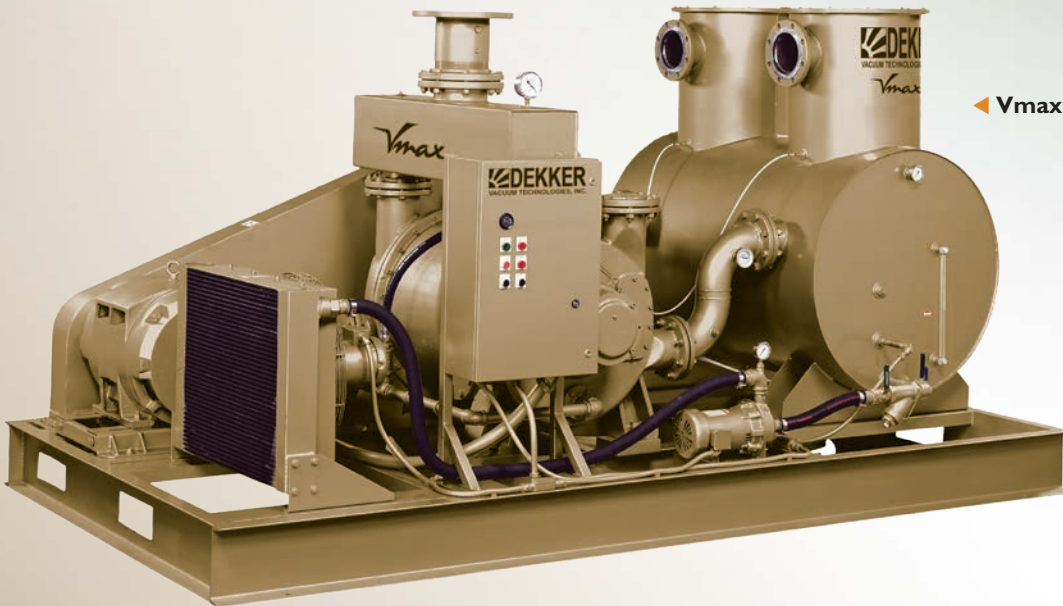
TM
Vmax



◀ Vmax 300 CFM



▲ Vmax^{LT} 35 CFM

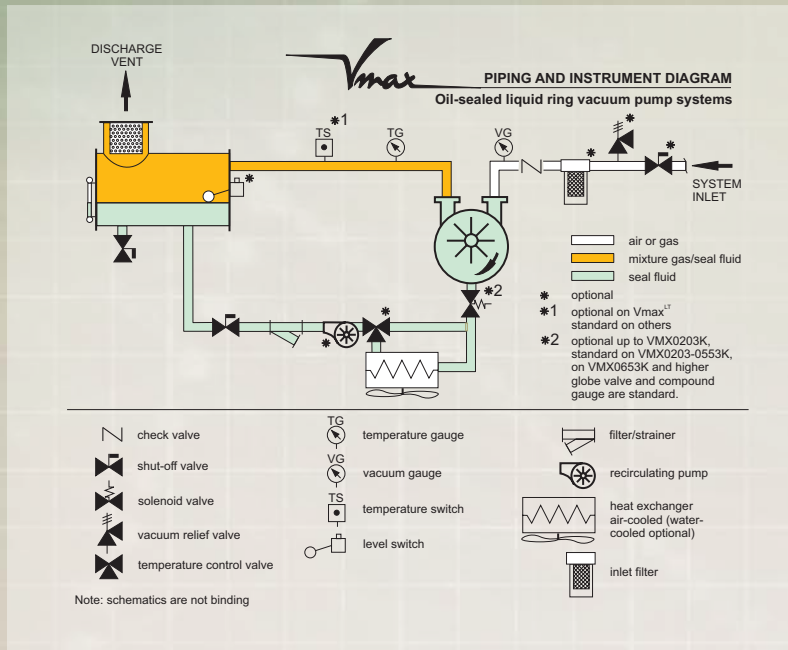


◀ Vmax 2000 CFM

DEKKERTM
VACUUM TECHNOLOGIES, INC.



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



Performance characteristics Vmax^{LT}/Vmax oil-sealed liquid ring vacuum pump systems

Liquid Ring Vacuum Pumps	Nominal capacity (CFM)	Maximum vacuum ("Hg)	Maximum Motor				Speed (RPM)		Noise (at 3 ft) (dBA)
			50 Hz		60 Hz		50 Hz	60 Hz	
			kW	HP	kW	HP			
Vmax^{LT} systems									
VMX0036M	35	29	1.5	2	2.2	3	2900	3500	70
VMX0063M	60	29	2.2	3	4	5.5	1450	1750	76
VMX0083M	75	29	3	4	4	5.5	1450	1750	76
VMX0103M	100	29	4	5.5	5.5	7.5	1450	1750	76
VMX0153M	150	29	5.5	7.5	7.5	10	1450	1750	76
Vmax Systems									
VMX0036K	35	29	1.5	2	2.2	3	2900	3500	70
VMX0063K	60	29	2.2	3	3.7	5	1450	1750	76
VMX0083K	75	29	3	4	3.7	5	1450	1750	76
VMX0103K	100	29	4	5.5	5.5	7.5	1450	1750	76
VMX0153K	150	29	5.5	7.5	7.5	10	1450	1750	76
VMX0203K	200	29	7.5	10	11	15	1450	1750	76
VMX0303K	300	29	11	15	15	20	1450	1750	76
VMX0453K	410	29	15	20	18.5	25	1450	1750	78
VMX0553K	550	29	22	30	30	40	1450	1750	78
VMX0653K	650	29	30	40	30	40	960	960	79
VMX0753K	750	29	37	50	37	50	1200	1200	79
VMX1003K	1000	29	44	60	44	60	960	960	80
VMX1103K	1100	29	55	75	55	75	1100	1100	80
VMX1203K	1200	29	75	100	75	100	1200	1200	80

The **Vmax** and **Vmax^{LT}** 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 **Vmax** 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 **Vmax** systems is the new **Titan Series** high-efficiency single-stage liquid ring vacuum pump manufactured to ISO9001 quality control standards offering excellent reliability in many industrial applications.

By using DEKKER's specially formulated low vapor pressure sealing fluid **Vmaxol**, 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: 6033461
DX-7: 6350299

Maximize Your Productivity

▶ 150 CFM, 10 HP



▲ 150 CFM, 10 HP



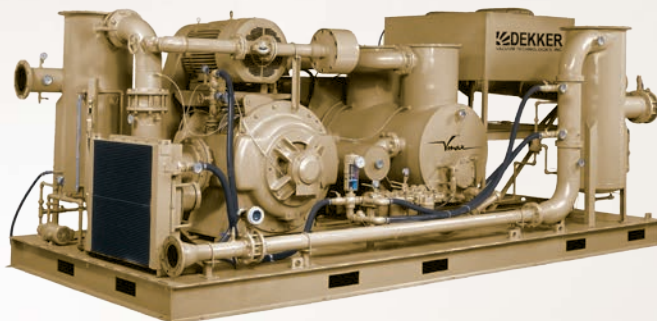
▲ 35 CFM, 3 HP Duplex



◀ 550 CFM, 40 HP



▲ 3000 CFM, 150 HP Custom System



Vmax™

MAXIMUM RETURN ON INVESTMENT:

All Vmax systems are available with Variable Frequency Drive option: control of power consumption, current inrush, vacuum, cost and ROI.

MAXIMUM PRODUCTIVITY:

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

MAXIMUM SAVINGS:

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

MAXIMUM EFFICIENCY:

DEKKER's patented **DX-5** and **DX-7** separators eliminate oil carry-over concerns and ensure the cleanest environment.

MAXIMUM NOISE REDUCTION:

The systems are exceptionally quiet, which is desirable in today's workplace.

MAXIMUM RELIABILITY:

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

MAXIMUM CONTROL:

Systems can operate over the full vacuum range without overheating.

MAXIMUM PAYBACK:

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

MAXIMUM WARRANTY:

The Vmax system is the only system on the market offering a **full 3-year warranty**.

DEKKER™
VACUUM TECHNOLOGIES, INC.

Data is subject to change without notice.

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



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Energy Savings



Environmental Sustainability



Optimized Performance



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

MAXIMA-C™

Large Capacity Conical Liquid Ring Vacuum Pumps
1,000 - 22,000 CFM

MAXIMA-K™

Large Capacity Liquid Ring Vacuum Pumps
1,500 - 39,000 CFM



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
32 - 850 CFM

ChemSeal™

Vacuum Pump Systems
15 - 10,000 CFM

AquaSeal™

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

AquaSeal™ POWERGEN™

Vacuum Pump Systems
15-5,000 CFM



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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.

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