

Dual Phase Extraction Systems

Dekker Vmax Liquid Ring Pumping Systems

The Dekker Vmax systems 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 the 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.

FEATURES

- Patented, high-efficiency DX-5 separator eliminates oil carry-over concerns.
- Sturdy bearing pedestal mounts to standard NEMA, C-face motor.
- Rugged, high-quality, industrial system, offering years of trouble-free operation.
- Extended-life seal-fluid is not used as a lubricant. Change interval is not critical, resulting in a minimum of 10,000 hours of continuous operation.
- Direct drive at low speed (1750 rpm) eliminates the use of V-belts, resulting in very low maintenance and zero downtime.
- Extremely low operating noise level makes this system desirable in today’s workplace.
- Continuous operation over the full vacuum range without overheating.
- Carry-over of soft solids and/or minimal amounts of liquid does not cause damage to the internal parts of the pump.
- Air-cooled design is standard with water-cooling at no extra charge.
- Improved compact design.

BENEFITS

By using Dekker’s specially formulated low vapor pressure sealing fluid Vmaxol, you can operate the system for 10,000 hours or more without an oil change and prevent corrosion and scale buildup. 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 working without a major overhaul.



CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

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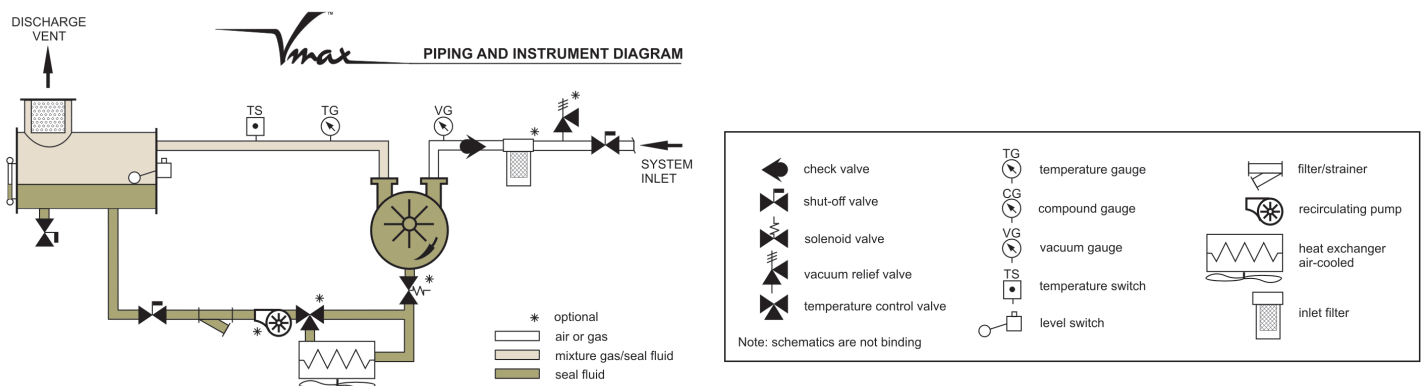
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SPECIFICATIONS

	Nominal Capacity (ACFM)	Sea Level Maximum Vacuum (Inch Hg)	Maximum Motor (HP)	Maximum Pump Speed (RPM)	Noise (at 3 feet) (dBA)	Oil Capacity (approx.) (Gal.)	Weight (Lbs.)
VmaxLT Systems							
VMX0023M	20	29	1.5	3500	70	2	370
VMX0036M	35	29	3	3500	70	2	390
VMX0063M	60	29	5.5	1750	76	6	542
VMX0083M	75	29	5.5	1750	76	6	564
VMX0103M	100	29	7.5	1750	76	6	610
VMX0153M	150	129	10	1750	76	6	644
Vmax Oil-Sealed Systems							
VMX0023K	20	29	1.5	3500	70	3	410
VMX0036K	35	29	3	3500	70	3	425
VMX0063K	60	29	5	1750	76	7	615
VMX0083K	75	29	5	1750	76	7	620
VMX0103K	100	29	7.5	1750	76	7	660
VMX0153K	150	29	10	1750	76	7	770
VMX0203K	200	29	15	1750	76	12	1186
VMX0303K	300	29	20	1750	76	12	1305
VMX0453K	450	29	25	1750	78	13	1700
VMX0553K	550	29	40	1750	78	13	1784
VMX0653K	650	29.5	40	960	79	17	3700
VMX0753K	750	29.5	50	1200	79	17	3700
VMX1003K	1000	29.5	60	960	80	30	4000
VMX1103K	1100	29.5	75	1100	80	30	4000
VMX1203K	1200	29.5	100	1200	80	30	4000
VMX1500C	1800	27.5	100	740	82		
VMX2000C	2200	27.5	125	740	82	Consult	Consult
VMX3000C	3100	27.5	200	555	86	Factory	Factory
VMX4000C	3800	27.5	200	495	86		
VMX5000C	4400	27.5	250	420	86		



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