

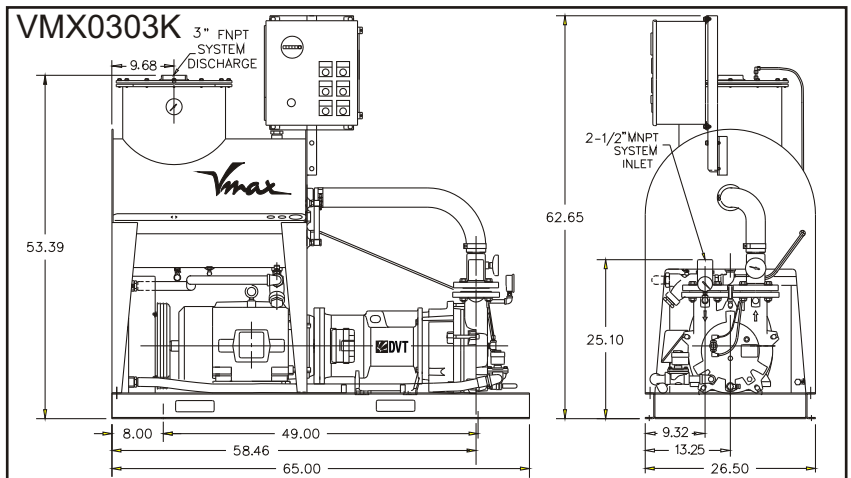
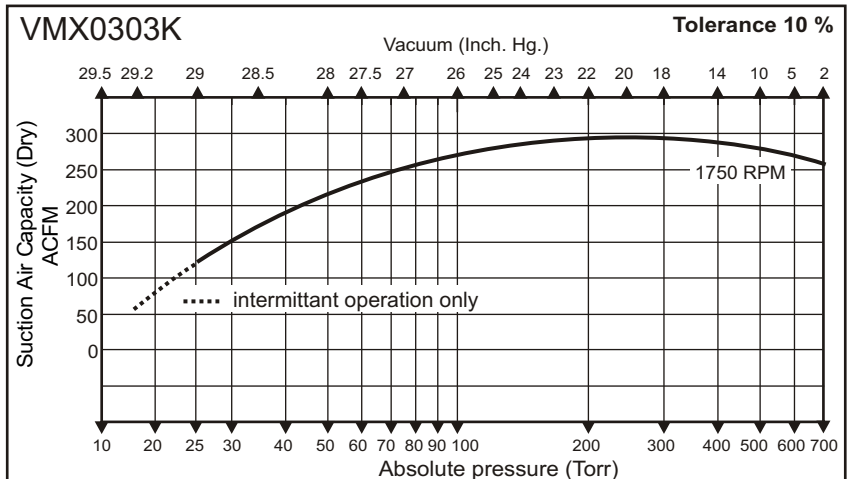
The **Vmax** system offered by Dekker Vacuum Technologies, Inc. is the result of years of experience in the design, manufacture, operation and application of the oil-sealed liquidring vacuum pump system concept.

Find out why the **Vmax** is the system of choice for your application:

- ✓ All **Vmax** systems feature liquid ring vacuum pumps manufactured to ISO9001 quality control standards. Single-stage, high efficiency liquid ring vacuum pumps available up to 5,000 CFM with vacuum capabilities up to 29.5"Hg. Two-stage pumps available for high vacuum applications.
- ✓ The **DEKKER** patented DX-5 and DX-7 air/oil separator designs feature five stages of separation, resulting in the best air/oil separation in the industry.
- ✓ Another advantage of the DX-5 and DX-7 separators is the structural design. The tank is cylindrical, resulting in superior strength, which is very important on units operating with backpressure. This design also eliminates possible leaks associated with square tank designs.
- ✓ Potential leak joints in the oil-circuit have been virtually eliminated with the use of Aeroquip™ MatchMate Plus™ dual wall, synthetic rubber, metal braid reinforced hose, connected to system components with Aeroquip™ crimp-on fittings. The use of hose increases system life by eliminating stress on system components associated with hard-pipe systems.
- ✓ **Vmax** systems are extremely quiet in operation with soundlevels in the 75-80 dBA range. Rotary screw pumps have much higher sound levels because of high operating speeds (3600-800 RPM).
- ✓ The **Vmax** systems can operate at low vacuum without overheating.
- ✓ **DEKKER** offers an unparalleled **full 3-year warranty** on **Vmax** systems*.
- ✓ A wide range of standard system configurations is maintained in our inventory for quick shipments or for emergencies when a system is down.
- ✓ **DEKKER** extends short and long-term financing and affordable rental and lease rates for a variety of vacuum products including the Vmax systems.
- ✓ Standard **Vmax** systems are now available with optional **Variable Frequency Drive**, resulting in lower power consumption.

Why more and more customers are switching to the *Vmax* system:

- ✓ The only system on the market with a **full 3-year warranty!**
- ✓ 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 (1750RPM)** 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 available at no extra charge.
- ✓ Improved **compact design**.
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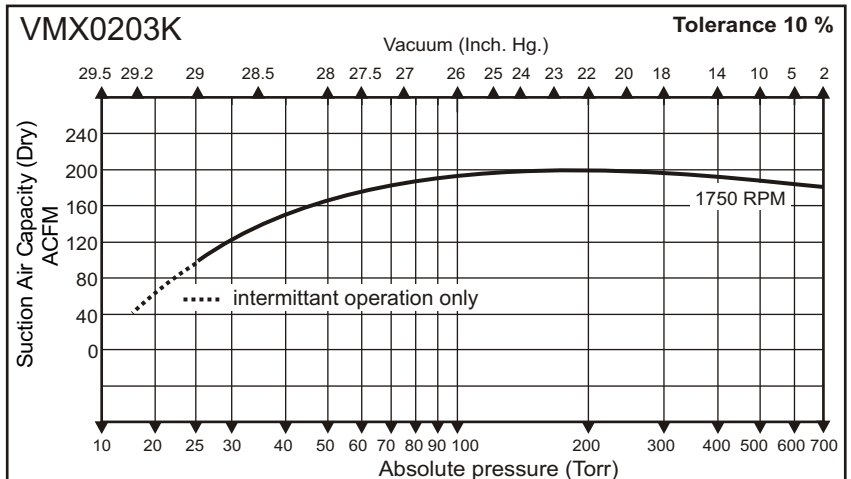


Performance Characteristics	
Nominal capacity:	300CFM
Motor:	20HP
Speed:	1750RPM
Maximum vacuum:	29"Hg
Weight (approximate):	1305Lbs
Maximum gas inlet temperature:	212°F/100°C
Maximum noise level (at 3 feet):	76dBA
Oil capacity (approximate):	12 GAL
<i>Performance based on atmospheric pressure equal to 29.92"Hg</i>	

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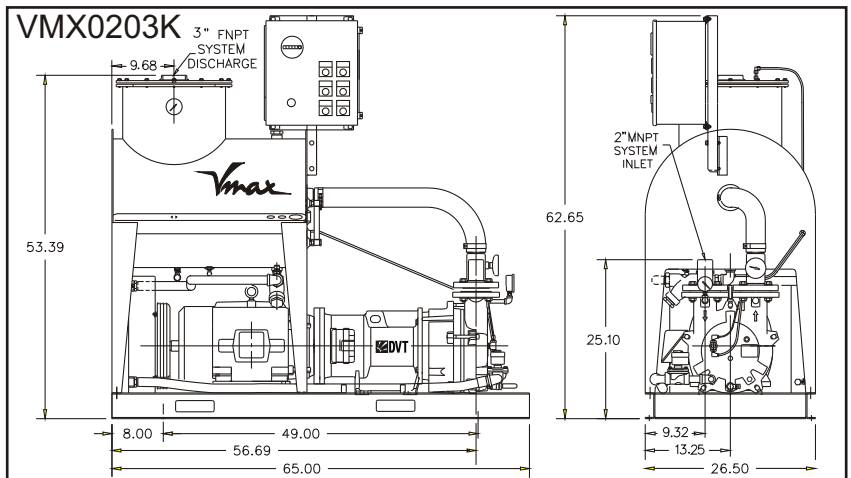
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Performance Characteristics

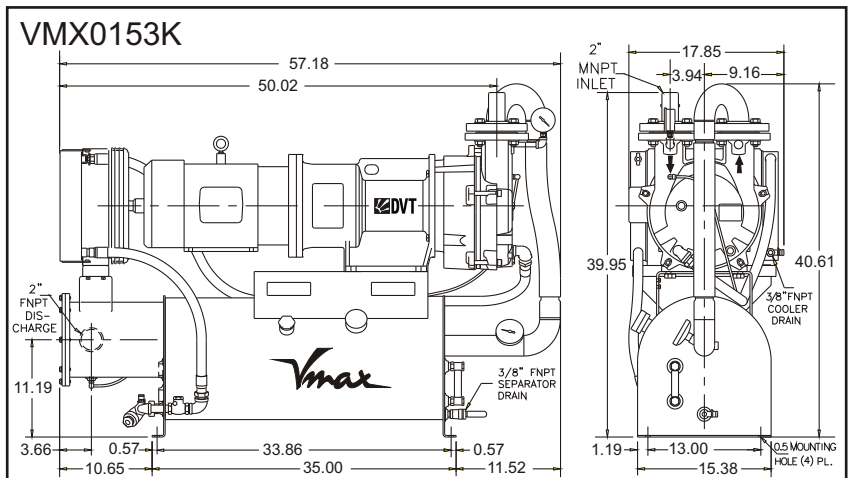
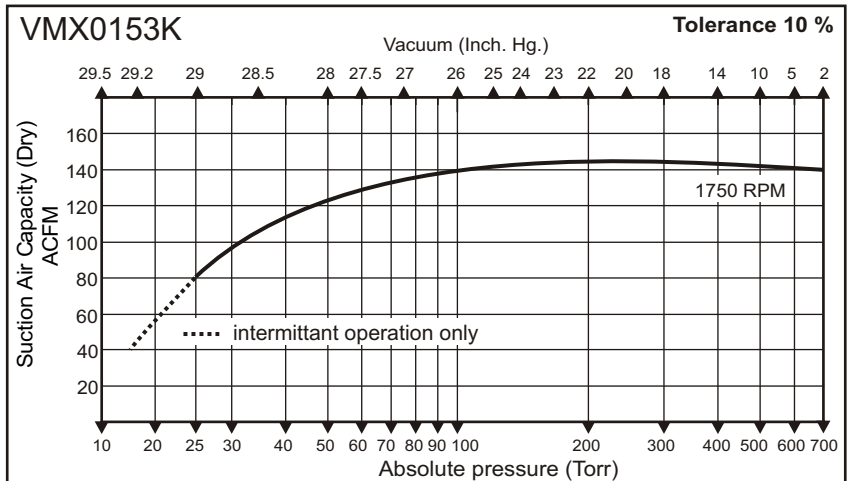
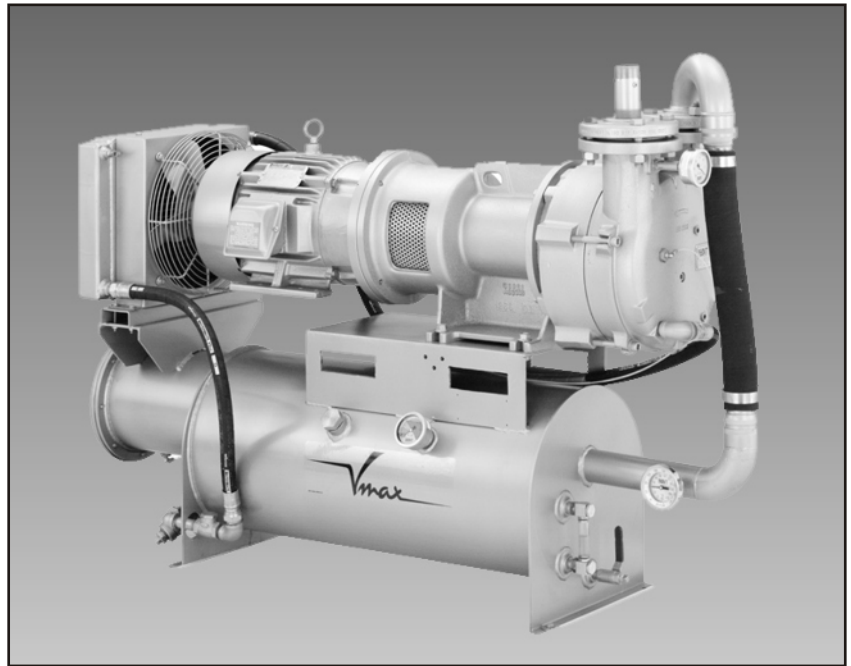
Nominal capacity:	200CFM
Motor:	15HP
Speed:	1750RPM
Maximum vacuum:	29"Hg
Weight (approximate):	1186Lbs
Maximum gas inlet temperature:	212°F/100°C
Maximum noise level (at 3 feet):	76dBA
Oil capacity (approximate):	12 GAL
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- ✓ The only system on the market with a **full 3-year warranty!**
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- ✓ 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** (1750RPM) eliminates the use of V-belts, resulting in very **low maintenance and zero downtime**.
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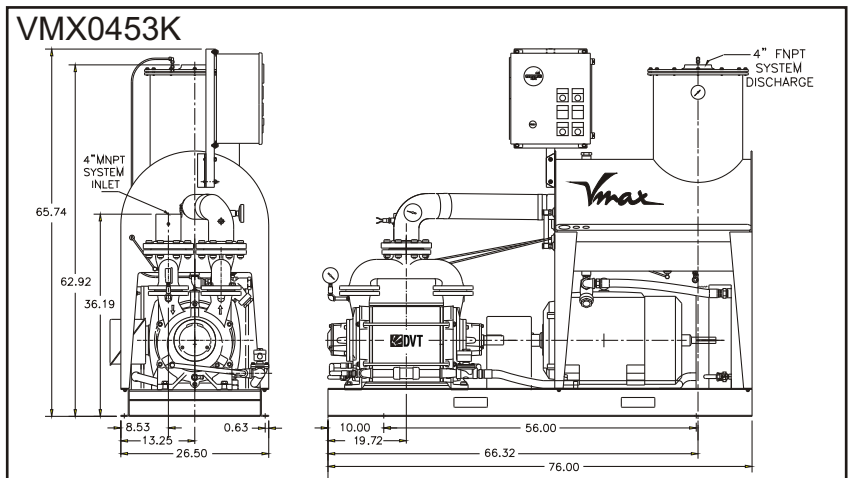
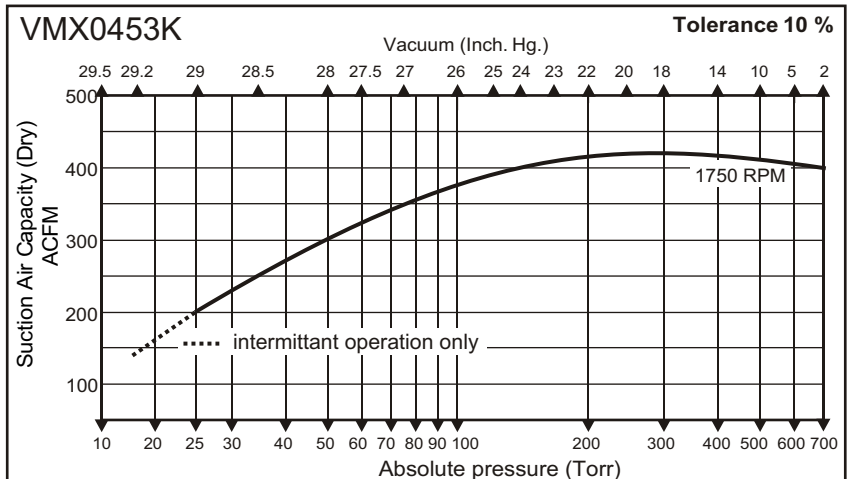
Performance Characteristics

Nominal capacity:	150CFM
Motor:	10HP
Speed:	1750RPM
Maximum vacuum:	29"Hg
Weight (approximate):	770Lbs
Maximum gas inlet temperature:	212°F/100°C
Maximum noise level (at 3 feet):	76dBA
Oil capacity (approximate):	7 GAL
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- ✓ **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.
- ✓ **Electrical control panel is standard.**
- ✓ **Air-cooled design is standard** with water-cooling available at no extra charge.



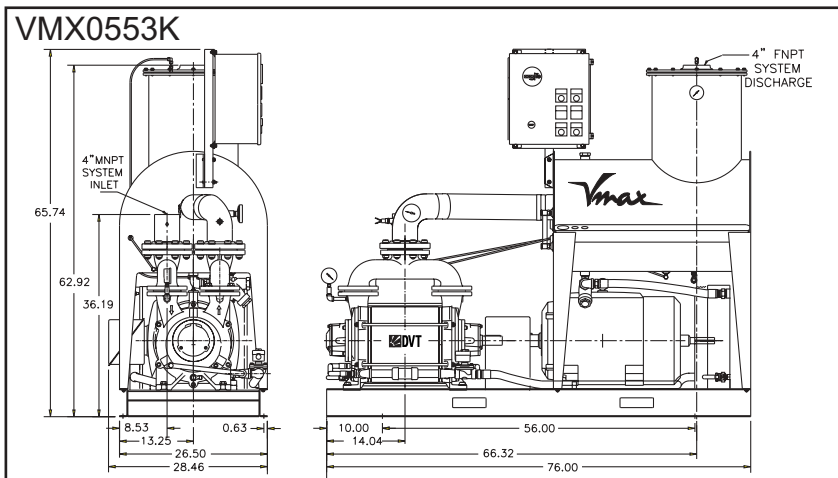
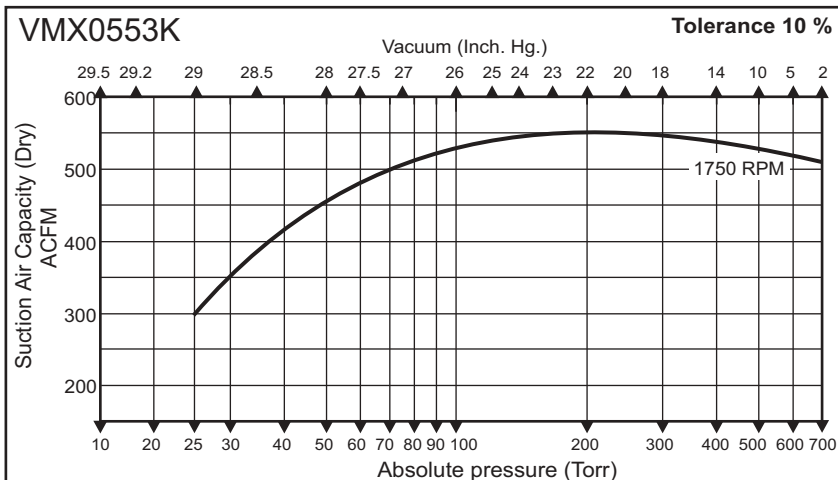
Performance Characteristics

Nominal capacity:	450CFM
Motor:	25HP
Speed:	1750RPM
Maximum vacuum:	29"Hg
Weight (approximate):	1750Lbs
Maximum gas inlet temperature:	212°F/100°C
Maximum noise level (at 3 feet):	78dBA
Oil capacity (approximate):	17 GAL
<i>Performance based on atmospheric pressure equal to 29.92"Hg</i>	

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- ✓ **Electrical control panel is standard**.
- ✓ **Air-cooled design is standard** with water-cooling available at no extra charge.



Performance Characteristics	
Nominal capacity:	550CFM
Motor:	40HP
Speed:	1750RPM
Maximum vacuum:	29"Hg
Weight (approximate):	1850Lbs
Maximum gas inlet temperature:	212°F/100°C
Maximum noise level (at 3 feet):	78dBA
Oil capacity (approximate):	17 GAL
<i>Performance based on atmospheric pressure equal to 29.92"Hg</i>	

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