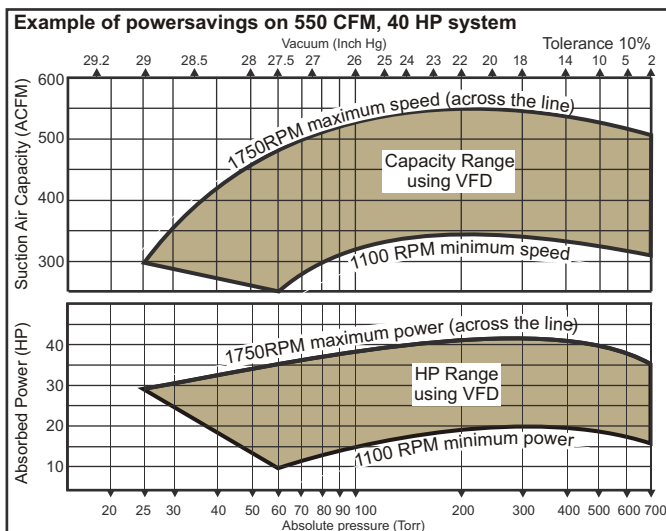


Vmax^{VFD} oil-sealed vacuum pump systems are liquid ring vacuum pump systems using oil as the seal-liquid. The systems (in capacities ranging from 150-4500 CFM) operate with a **Variable Frequency Drive** which reduces the speed of the vacuum pump when demand for vacuum decreases, **resulting in substantial savings.**

- ✓ **Control of Power Consumption** (up to a 50 percent turndown in power, resulting in substantial savings)
- ✓ **Control of Inrush** (soft starting reduces wear on system components and eliminates inrush during startup)
- ✓ **Control of Material Damage and Waste** (reduced slippage results in less material damage and waste)
- ✓ **Control of Cost and Return on Investment** (guaranteed quick payback of new system investment)
- ✓ **Still the only system on the market with a full 3-year warranty!**

Performance Characteristics

Nominal capacity: 150-4400CFM
 Motor: 10-250HP
 Maximum vacuum: 29"Hg
 Performance based on atmospheric pressure equal to 29.92"Hg



Capacity Table

System model	Installed HP	Minimum HP	Maximum RPM	Minimum RPM (at 27.5"Hg maximum)	at 15" Hg		at 20" Hg		at 25" Hg	
					Minimum capacity CFM	Maximum capacity CFM	Minimum capacity CFM	Maximum capacity CFM	Minimum capacity CFM	Maximum capacity CFM
VMX0153KA1	10	6	1750	1150	95	145	95	145	92	140
VMX0203KA1	15	8	1750	1150	125	190	131	200	131	200
VMX0303KA1	20	10	1750	1100	179	285	185	295	176	280
VMX0453KA1	25	13	1750	1100	264	400	267	400	248	375
VMX0553KA1	40	20	1750	1100	340	540	346	550	339	540
VMX0653KA1	40	25	960	750	516	660	516	660	477	610
VMX0753KA1	50	25	1200	750	481	770	491	785	456	730
VMX1103KA1	75	50	1100	750	689	1010	743	1090	307	1010
VMX1203KA1	100	50	1200	750	713	1140	747	1195	738	1180

For larger capacity systems contact factory.

Information contained in this document is for reference only. Subject to change without notice.