

KINNEY®

Vacuum Boosters

Kinney® Vacuum Solutions



Kinney | www.md-kinney.com | (800) 825-6937

Vacuum Boosters

Designed to handle the world's toughest applications, vacuum boosters are used to supercharge vacuum pumps to extend pump performance. This creates much faster pumping speeds and deeper vacuum levels.

- High-capacity gas volumes at high vacuum (50 Torr to micron range)
- May be used in conjunction with all types of vacuum pumps
- Designed to operate at 82 dB(A) or less at blank-off open field; motor and background noise excluded
- Heavy-duty drive shaft for either direct coupled or belt-driven applications
- Standard construction materials: cast iron end plates, housing, and port fitting with ductile iron rotors and shafts
- Special materials offered
 - » Stainless steel, carbon steel, ductile iron, Bi-Protec
- Special testing available
 - » Hydrostatic testing to 150 PSIG (10.35 bar g), seal leakage testing, noise testing

Vacuum Boosters Product Key

*Process Gas

16	AIR	GAS*	15
Vacuum Level "Hg vac	Process Medium	Pressure Level PSI	



TYPICAL APPLICATIONS

- » **Supercharging** » **Vacuum Drying** » **Dehydration** » **Packaging** » **Distillation** » **Vacuum Furnace**
 (Vacuum Systems)

Model	CFM / m3/hr
150	50-150 / 85-255
240	70-230 / 119-391
400	120-400 / 204-680
540	170-540 / 289
720	230-720 / 392-1223
850	270-850 / 459-1444
1200	400-1240 / 680-2107
1600	500-1600 / 850-2718

Model	CFM / m3/hr
1800	680-1800 / 1155-3058
2000	650-2000 / 1104-3398
2200	860-2300 / 1461-3908
2700	850-2700 / 1444-4587
2900	1130-3000 / 1920-5097
3200	800-3200 / 1359-5437
3600	1400-3360 / 2379-6116
4000	890-4000 / 1512-6796

Model	CFM / m3/hr
4200	1000-4200 / 2939-7646
4500	1730-4500 / 2939-7646
5400	1400-5700 / 2379-9684
6500	1400-3360 / 2379-6116
7300	1800-7400 / 3058-12573
7900	1800-8000 / 3058-13592
8000	2100-9500 / 3568-16141
10000	2800-10000 / 4757-16990

Add VSM Technology to Your Booster System to Increase Efficiency

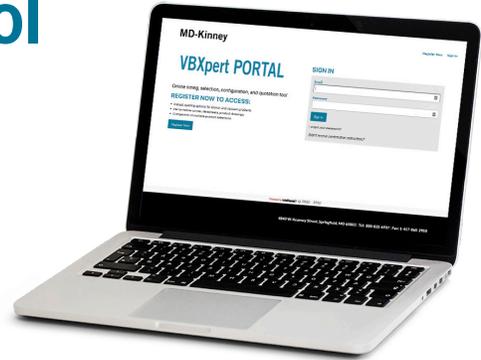
VSM Technology integrates an electric motor with a built-in Variable Frequency Drive (VFD) to increase energy efficiency and reduce installation cost with process control options and built-in error proofing benefits.

Available from 2 HP to 10 HP (standard shaft and C-face options). Includes remote keypad controller with RJ45 connection, Bluetooth® communication, and factory programming for application specific solutions by Kinney application program experts.



VBXpert Online Sizing Tool

Gain online access to the most useful tool available for blower and vacuum sizing and selection! The easy-to-use interface prompts you to plug in technical specifications for your application and quickly calculates the best MD-Kinney product for you. Learn more at www.md-kinney.com.



KINNEY VACUUM

KV Lubrication

Kinney vacuum products are known worldwide for superior quality and performance. Superior quality and performance vacuum pumps require a lubricant explicitly designed to support highly efficient and dependable process operation. Kinney lubricants are specifically formulated for Kinney products and is the only lubricant recommended to ensure the highest quality of performance.

Service and Repair

MD-Kinney Springfield, Missouri, USA is here to help. Call 1-800-825-6937 or visit us online at www.md-kinney.com to be connected to a MD-Kinney application engineer.



Factory Certified Service & Repair Centers

MD-Kinney also has a network of Factory Certified Service Centers offering local support to our customers. All centers are staffed with factory-trained personnel to ensure your equipment performs to factory specifications. KVO Series repairs are only available via an Factory Certified Service Center.

TO FIND YOUR NEAREST FACTORY CERTIFIED SERVICE CENTER CALL US DIRECTLY AT 1-800-825-6937.



KINNEY®

CONTACT US

Kinney
4840 W. Kearney Street
Springfield, MO 65803
Phone: (800) 825-6937

LOCAL CONTACT:

www.md-kinney.com