

Vibra-Might Air-Cushioned VMRAC and VMSAC Air-Piston Vibrators



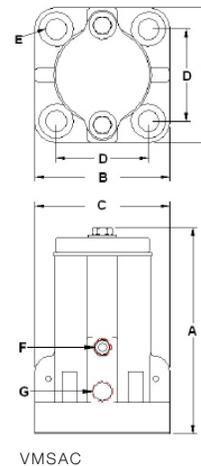
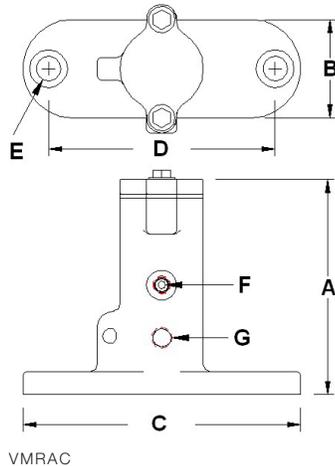
They Make Less Noise But Just as Much of an Impact

Air cushioned to prevent metal-to-metal contact, our Vibra-Might VMRAC and VMSAC Vibrators offer a quieter performance. Just as importantly, they provide purely linear force to allow the controlled application of directional force on materials. These products are most commonly used as a flow or discharge aid on bins and hoppers but are also useful on a variety of equipment, such as feeders, conveyors, alignment tracks, screeners and compaction tables.

BENEFITS INCLUDE

- One-piece, ductile iron housing and spring-less design ensure long effective life
- Air cushion prevention of metal-to-metal impact and exhaust muffler reduce noise levels while pneumatic power allows for operation in hazardous areas
- Hand-finished honing in the bore ensures a smooth, tight piston fit and a longer life
- NitroFusion-hardened pistons extend life and effectiveness
- Threaded exhaust port enables porting of exhaust air, or use of optional muffler or port protector prevents internal contamination
- Wide range of vibration intensities and dual diameter piston allow for mounting at any angle on your bins, chutes and hoppers
- Mounting fasteners and gasket included for quick setup
- Optional rectangular (VMR) or square (VMS) base for matching mounting styles
- Available as a kit that includes mounting channel, 5-foot hose with fittings, valve and lubrication control

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VMSAC/VMRAC

MODEL	PISTON DIAMETER	A	B	C	D	E	F	G	WT.	PISTON WT.	AIR CNSMP scfm/lpm (lpm=liter per min) @ 60 psig 4.1 bar	FREQUENCY* (vibrations per min.) @ 60 psig 4.1 bar
VMRAC 1125	1¼" 3.2 cm	5 7/16" 13.8 cm	3" 7.6 cm	5¾" 14.6 cm	4½" 11.4 cm	½" 1.3 cm	¼" .64 cm	¼" .64 cm	6 lbs. 2.7 kg	1.5 lbs. .68 kg	8 249	3,050
VMRAC 1200	2" 5.1 cm	7" 17.8 cm	3¼" 8.3 cm	9 5/16" 23.3 cm	7½" 19.1 cm	¾" 1.9 cm	¼" .64 cm	⅜" 1 cm	14 lbs. 6.4 kg	2.5 lbs. 1.14 kg	9 255	2,700
VMSAC 1125	1¼" 3.2 cm	4 11/16" 11.9 cm	3" 7.6 cm	3" 7.6 cm	2" 5.1 cm	⅜" 1 cm	¼" .64 cm	¼" .64 cm	6 lbs. 2.7 kg	1.5 lbs. .68 kg	8 205	3,050
VMSAC 1150	1½" 3.8 cm	6 3/8" 16.2 cm	4 3/8" 11.1 cm	4 3/8" 11.1 cm	3" 7.6 cm	5/8" 1.6 cm	¼" .64 cm	⅜" 1 cm	15 lbs. 6.8 kg	2 lbs. .91 kg	9 170	2,700
VMSAC 1200	2" 5.1 cm	6¾" 17.2 cm	4 3/8" 11.1 cm	4 3/8" 11.1 cm	3" 7.6 cm	5/8" 1.6 cm	¼" .64 cm	⅜" 1 cm	15 lbs. 6.8 kg	2.5 lbs. 1.14 kg	11 311	2,600
VMSAC 1300	3" 7.6 cm	8 7/16" 21.4 cm	5¾" 14.6 cm	5¾" 14.6 cm	4 1/8" 10.5 cm	¾" 1.9 cm	⅜" .95 cm	½" 1.3 cm	28 lbs. 13 kg	10 lbs. 4.55 kg	21.5 609	2,300
VMSAC 1350	3½" 8.9 cm	9 13/16" 26.8 cm	5¾" 14.6 cm	5¾" 14.6 cm	4 1/8" 10.5 cm	¾" 1.9 cm	½" 1.3 cm	½" 1.3 cm	34 lbs. 15 kg	14.5 lbs. 6.59 kg	23 651	1,900
VMSAC 1400	4" 10.2 cm	12" 30.5 cm	8½" 21.6 cm	8½" 21.6 cm	6¼" 15.9 cm	1¼" 3.2 cm	½" 1.3 cm	¾" 1.9 cm	99 lbs. 45 kg	30 lbs. 13.64 kg	29 821	1,260
VMSAC 1500	5" 12.7 cm	17" 43.2 cm	11" 27.9 cm	11" 27.9 cm	7 7/16" 18.9 cm	1¼" 3.2 cm	¾" 1.9 cm	1" 2.5 cm	235 lbs. 107 kg	73 lbs. 33.18 kg	66 1,869	920
VMSAC 1700	7" 17.8 cm	19 1/8" 48.6 cm	13½" 34.3 cm	16" 40.6 cm	8½" 21.6 cm	1½" 3.8 cm	1" 2.5 cm	1¼" 3.2 cm	580 lbs. 263 kg	160 lbs. 72.7 kg	180 5,099	800

* Frequency data obtained through testing under a no-load condition. Frequency will decline as load is increased.
Coated vibrators for non-lubricated applications are available.
VMSAC also available in 1,700 and 1,900 sizes. Consult factory for details.

In addition to significantly reducing noise, air cushioning in our pneumatic Vibra-Might VMRAC and VMSAC Vibrators, prevents metal-to-metal impact—making them ideal for operation in hazardous areas. Both products can handle tough material loads, but our VMSAC boasts 12 different sizes to manage material loads from 200 lbs. to more than 100 tons.

Most VMSAC units can be fitted with a mounting adapter plate to match rectangular bolt hole patterns on competitive units. We also offer full kits that include a mounting channel, 5-foot hose with fittings, hand valve and lubrication control.

FOR MORE INFORMATION

Call: Sales at 800-221-3298

Email: sales@clevelandvibrator.com

Buy Online: www.clevelandvibrator.com

