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Silent Pneumatic Turbine Vibrators



Vibrators make no more noise than an electric motor. Maintenance-free, no lubrication required. Use 30% less air than comparable pneumatic vibrators and outlast ball and piston vibrators 3 to 1.

VS Series—For rough applications or where exhausted air will not affect production. Simple, compact design.

BVS Series—Threaded exhaust for closed-air environments and other applications where exhausted air must be remotely discharged.

BBS Series—For continuous duty in small applications such as parts feeders, tracks, and foundry matchplates. Versatile 1-bolt mount.

CCF/CCL Series—For heavy-duty applications on large bins, hoppers, chutes, packing tables, screens, and concrete forms.

GIO Series—Can be used with all types of bins that contain fine to granular materials, or for packing coarse materials and unjamming parts in conveyor lines, chutes, and pipes. Corrosion-resistant housing has excellent resistance to solvents. Single-bolt mount for maximum flexibility.

MLT Series—Prelubricated for continuous duty and maintenance-free operation in sanitary applications or where harsh chemicals are present. Threaded exhaust ports seal the system to help you maintain a clean environment. MLTSS HA model vibrator 30FW99 features high amplitude, and is better suited for lumpy or sticky applications. MLTSS HT model vibrator 30FX02 and MLT HT vibrator 30FW95 are suited for higher temperature applications.

MHI Series—Same as MLT Series but designed for intermittent duty, to produce high frequency and maximum forces. MLI HT model vibrator 30FW88 designed for higher temperature applications. Washdown-safe.

Force Rating	CFM @ 60 psi	Speed @ 60 psi	dB @ 60 psi	CFM @ 80 psi	Speed @ 80 psi	dB @ 80 psi	L	Overall Dim. W	H	Bin Wt. Cap.	Inlet Port	Outlet Port	Muffler	Mr. Model	Item No.
VS Series, Cast Iron Housing															
20 lb	2	12,000 vpm	66	—	—	—	3 3/8 in	1 1/2 in	2 in	200 lb	1/2 in NPT	—	Included	VS-100	4HV35
75 lb	2	8,000 vpm	—	2	10,500 vpm	67	4 7/8 in	2 in	2 3/8 in	750 lb	1/2 in NPT	—	Included	VS-130	6L746
160 lb	2.3	10,000 vpm	—	2.5	12,000 vpm	70	5 1/2 in	2 1/2 in	3 in	1,600 lb	1/2 in NPT	—	Included	VS-160	4HV36
270 lb	3	4,200 vpm	—	3.5	12,000 vpm	70	5 1/2 in	3 1/4 in	3 3/8 in	5,000 lb	1/2 in NPT	—	Included	VS-190	6L747
500 lb	3	5,500 vpm	—	3.5	12,000 vpm	70	5 1/2 in	3 3/8 in	3 1/2 in	5,000 lb	1/2 in NPT	—	Included	VS-250	6L748
600 lb	4.5	5,200 vpm	—	5.5	6,800 vpm	69	5 1/2 in	4 in	4 1/4 in	7,000 lb	3/8 in NPT	—	Included	VS-320	6L749
725 lb	8	4,600 vpm	—	10	5,200 vpm	72	6 7/8 in	4 3/4 in	4 7/8 in	7,250 lb	3/8 in NPT	—	Included	VS-380	6L750
900 lb	18	4,000 vpm	—	21	4,500 vpm	77	6 13/16 in	4 3/4 in	5 1/2 in	9,000 lb	1/2 in NPT	—	Included	VS-510	6L751
1000 lb	18	4,000 vpm	—	21	4,500 vpm	77	7 3/8 in	4 13/16 in	8 in	10,000 lb	1/2 in NPT	—	Included	VSP-510	4HV37 *
BVS Series, Cast Iron Housing															
20 lb	2	12,000 vpm	66	—	—	—	3 13/16 in	1 1/2 in	2 1/2 in	200 lb	1/2 in NPT	1/2 in NPT	1A325	BVS-60	4HV01
75 lb	2	8,000 vpm	—	2	10,500 vpm	67	4 7/8 in	1 1/2 in	2 1/2 in	750 lb	1/2 in NPT	1/2 in NPT	1A326	BVS-130	6L752
160 lb	2.3	9,500 vpm	—	2.5	11,000 vpm	70	5 1/2 in	2 1/2 in	3 3/8 in	1,600 lb	1/2 in NPT	1/2 in NPT	1A327	BVS-160	4HT96
270 lb	3	5,500 vpm	—	3.5	7,200 vpm	71	5 1/4 in	3 1/2 in	3 7/8 in	2,700 lb	1/2 in NPT	3/8 in NPT	1A327	BVS-190	6L753
480 lb	3	5,200 vpm	—	3.5	7,200 vpm	72	6 3/4 in	3 3/8 in	3 13/16 in	4,800 lb	1/2 in NPT	3/8 in NPT	1A327	BVS-250	6L754
600 lb	4.5	5,500 vpm	—	5.5	6,800 vpm	70	6 3/4 in	4 in	4 7/8 in	5,300 lb	3/8 in NPT	1/2 in NPT	1A328	BVS-320	6L755
670 lb	8	4,500 vpm	—	10	5,000 vpm	74	7 1/2 in	4 3/4 in	5 13/16 in	6,700 lb	3/8 in NPT	1/2 in NPT	1A328	BVS-380	6L756
900 lb	12	4,000 vpm	—	13	4,500 vpm	77	8 1/2 in	4 3/4 in	5 3/4 in	9,000 lb	1/2 in NPT	1/2 in NPT	6F600	BVS-510	6L757
1050 lb	21	3,600 vpm	—	26	4,000 vpm	83	10 3/8 in	5 1/2 in	7 1/4 in	10,500 lb	3/4 in NPT	3/4 in NPT	6F601	BVS-570	6L758
BBS Series, Aluminum Housing															
20 lb	2	10,000 vpm	66	—	—	—	3 3/4 in	1 1/2 in	2 in	200 lb	1/2 in NPT	1/2 in NPT	1A325	BBS-100	6L759
75 lb	2	12,000 vpm	—	5.5	17,000 vpm	67	3 3/8 in	1 1/2 in	2 1/2 in	750 lb	1/2 in NPT	1/2 in NPT	1A326	BBS-130	6L760
160 lb	2	10,000 vpm	—	7	12,000 vpm	67	4 1/2 in	2 in	2 3/8 in	1,600 lb	1/2 in NPT	1/2 in NPT	1A326	BBS-160	6L761
250 lb	2	10,000 vpm	—	7	15,000 vpm	70	4 1/2 in	2 in	2 3/8 in	2,500 lb	1/2 in NPT	1/2 in NPT	1A326	BBS-190	4HT88
CCF/CCL Series, Cast Iron Housing															
2000 lb	30	4,000 vpm	—	40	6,000 vpm	78	7 1/2 in	8 1/2 in	7 1/2 in	20,000 lb	3/4 in NPT	3/4 in NPT	Included	CCF-2000	6L762
5000 lb	35	4,000 vpm	—	50	6,000 vpm	75	10 1/4 in	8 1/2 in	8 1/2 in	50,000 lb	1 in NPT	1 in NPT	Included	CCF-5000	6L763
5000 lb	35	4,000 vpm	—	50	6,000 vpm	75	9 3/4 in	8 1/2 in	8 1/2 in	50,000 lb	1 in NPT	1 in NPT	Included	CCL-5000	4HV03
GIO Series, High Density Plastic Housing															
20 lb	3.5	12,000 vpm	66	—	—	—	3 1/4 in	1 1/2 in	2 in	200 lb	1/2 in NPT	1/2 in NPT	1A325	GIO-100	14K260
75 lb	4.5	8,000 vpm	67	5.5	10,500 vpm	67	3 3/4 in	1 1/2 in	2 1/2 in	750 lb	1/2 in NPT	1/2 in NPT	1A326	GIO-130	14K261
160 lb	5	5,500 vpm	67	7	9,000 vpm	67	4 1/2 in	2 in	2 3/8 in	1,600 lb	1/2 in NPT	1/2 in NPT	1A326	GIO-160	14K262
250 lb	5	8,500 vpm	70	7	10,000 vpm	70	4 1/2 in	2 in	2 3/8 in	2,500 lb	1/2 in NPT	1/2 in NPT	1A326	GIO-190	14K263
MLT Series, Aluminum Housing															
20 lb	4	12,000 vpm	68	—	—	—	3 1/2 in	1 1/2 in	2 1/2 in	200 lb	1/2 in NPT	1/2 in NPT	Optional	MLT-100	30FW92
75 lb	4.5	8,600 vpm	68	5.5	10,500 vpm	68	3 1/2 in	1 1/2 in	2 1/2 in	750 lb	1/2 in NPT	1/2 in NPT	Optional	MLT-130	30FW93
270 lb	7.5	5,500 vpm	71	8.5	7,200 vpm	71	4 1/2 in	1 13/16 in	3 3/8 in	2,700 lb	1/2 in NPT	3/8 in NPT	Optional	MLT-190	30FW94
270 lb	7.5	5,500 vpm	71	8.5	7,200 vpm	71	4 1/2 in	1 13/16 in	3 3/8 in	2,700 lb	1/2 in NPT	3/8 in NPT	Optional	MLT-190HT	30FW95
480 lb	8	5,200 vpm	72	9	7,200 vpm	72	5 in	3 1/2 in	3 3/8 in	4,800 lb	1/2 in NPT	3/8 in NPT	Optional	MLT-250	30FW96
800 lb	9	5,500 vpm	70	10	6,800 vpm	70	6 3/8 in	4 in	4 1/4 in	5,000 lb	3/8 in NPT	1/2 in NPT	Optional	MLT-320	30FW97
MLT Series, 303 Stainless Steel Housing															
75 lb	4.5	8,600 vpm	68	5.5	10,500 vpm	68	3 1/2 in	1 1/2 in	2 3/8 in	750 lb	1/2 in NPT	1/2 in NPT	Optional	MLTSS-130	30FW98
75 lb	4.5	8,600 vpm	68	5.5	10,500 vpm	68	3 1/2 in	1 1/2 in	2 3/8 in	750 lb	1/2 in NPT	1/2 in NPT	Optional	MLTSS-130HA	30FW99
270 lb	7.5	5,500 vpm	71	8.5	7,200 vpm	71	5 in	3 3/8 in	3 3/8 in	2,700 lb	1/2 in NPT	3/8 in NPT	Optional	MLTSS-190	30FX01
270 lb	7.5	5,500 vpm	71	8.5	7,200 vpm	71	5 in	3 3/8 in	3 3/8 in	2,700 lb	1/2 in NPT	3/8 in NPT	Optional	MLTSS-190HT	30FX02
600 lb	9	5,500 vpm	70	10	6,800 vpm	70	6 in	4 in	4 1/4 in	6,000 lb	3/8 in NPT	1/2 in NPT	Optional	MLTSS-320	30FX03
MLT Series, 316L Stainless Steel Housing															
600 lb	9	5,500 vpm	70	10	6,800 vpm	70	6 in	4 in	3 3/8 in	6,000 lb	3/8 in NPT	1/2 in NPT	Optional	MLTSS-320-316L	30FX04
MHI Series, Aluminum Housing															
80 lb	4	24,000 vpm	68	—	—	—	3 1/2 in	1 1/2 in	2 1/2 in	—	1/2 in NPT	1/2 in NPT	Optional	MHI-100	30FW82
80 lb	4	24,000 vpm	68	—	—	—	3 1/2 in	1 1/2 in	2 1/2 in	—	1/2 in NPT	1/2 in NPT	Optional	MHI-100S	30FW83 †
300 lb	4.5	17,200 vpm	68	5.5	21,000 vpm	68	3 1/2 in	1 1/2 in	2 3/8 in	—	1/2 in NPT	1/2 in NPT	Optional	MHI-130	30FW84
575 lb	7.5	8,000 vpm	71	8.5	10,500 vpm	71	4 1/2 in	3 3/8 in	3 3/8 in	—	1/2 in NPT	3/8 in NPT	Optional	MHI-190	30FW85
965 lb	8	7,400 vpm	72	9	10,200 vpm	72	5 in	3 1/2 in	3 3/8 in	—	1/2 in NPT	3/8 in NPT	Optional	MHI-250	30FW86
1300 lb	9	7,200 vpm	70	10	10,000 vpm	70	6 in	4 in	4 1/4 in	—	3/8 in NPT	1/2 in NPT	Optional	MHI-320	30FW87
1300 lb	9	7,200 vpm	70	10	10,000 vpm	70	6 3/8 in	4 in	4 1/4 in	—	3/8 in NPT	1/2 in NPT	Optional	MHI-320HT	30FW88
MHI Series, 303 Stainless Steel Housing															
300 lb	4.5	17,200 vpm	68	5.5	21,000 vpm	68	3 1/2 in	1 1/2 in	2 3/8 in	—	1/2 in NPT	1/2 in NPT	Optional	MHISS-130	30FW89
575 lb	7.5	8,000 vpm	71	8.5	10,500 vpm	71	4 1/2 in	3 3/8 in	3 3/8 in	—	1/2 in NPT	3/8 in NPT	Optional	MHISS-190	30FW90
1300 lb	9	7,200 vpm	70	10	10,000 vpm	70	6 in	4 in	4 1/4 in	—	3/8 in NPT	1/2 in NPT	Optional	MHISS-320	30FW91

* For portable mounting; requires Bracket 4HW67, sold separately on Grainger.com. † Stainless steel turbine wheel.