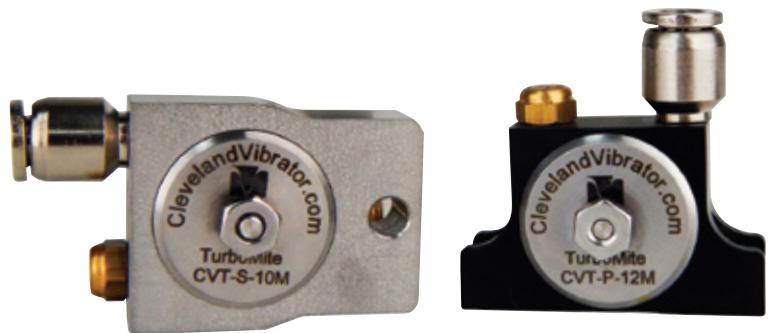


## TURBOMITE CVT-P AND CVT-S SERIES

Pneumatic power, acetal plastic and laser-etched #304 stainless steel construction make our CVT-P (acetal body) Series and CVT-S (stainless steel body) Series Turbine Vibrators optimal for material loads from 25 lbs. to 1000 lbs. With a design that offers unparalleled efficiency, these vibrators provide a remarkably low noise level and optimal force-to-weight and force-to-air consumption ratios that are easily two to four times better than competitor products. They can be mounted at any angle on bins, hoppers, chutes, feeders, tracks and small screeners.

### BENEFITS INCLUDE

- Very low air consumption and noise
- Starts and runs at low inlet pressures (some as low as 5 psi)
- Permanently lubricated and sealed bearings enable uninterrupted operation
- Last longer than ball vibrators
- Acetal body that's ideal for food and chemical use
- Laser-etched label prevents contamination
- Small and miniature models offer unique solutions to precise jobs
- Models with stainless steel body that share CVT-P specs are also available (CVT-S-10 and CVT-S-60)



### RECOMMENDED APPLICATIONS:

- Bulk bin or hopper vibration
- Eliminating clogs and choke points from chute and tracks
- Agitating screen decks to prevent blinding
- Maintaining product flow in feeders and filling machines
- De-airing molded products or liquids
- Packing and densifying products
- Agitating dust collectors and/or filters to remove cake

MODEL	WEIGHT (LBS)	UNBAL. (IN-LBS)	@20 PSI			@40 PSI		
			SPEED (VPM)	FORCE (LBF)	AIR CONS CFM	SPEED (VPM)	FORCE (LBF)	AIR CONS CFM
CVT-P-1(M)	.04	.001	15,970	7.2	.26	18,500	9.7	.44
CVT-P-10 (M)	.1	.002	18,200	18.8	.49	19,400	21.4	.78
CVT-P-12 (M)	.1	.002	18,200	18.8	.49	19,400	21.4	.78
CVT-P-20	.2	.006	8,010	10.9	.69	12,300	25.8	1.1
CVT-P-22 (M)	.2	.006	8,010	10.9	.69	12,300	25.8	1.1
CVT-P-30	.54	.013	8,400	26	.96	9,840	35.8	1.6
CVT-P-50	1.4	.044	5,670	45.1	1.7	7,220	64.1	2.8
CVT-P-60	1.24	.12	4,800	78.5	1.3	5,910	119.1	2

MODEL	WEIGHT (LBS)	UNBAL. (IN-LBS)	@60 PSI			@80 PSI		
			SPEED (VPM)	FORCE (LBF)	AIR CONS CFM	SPEED (VPM)	FORCE (LBF)	AIR CONS CFM
CVT-P-1	.04	.001	19,250	10.5	.61	20,000	11.4	.81
**CVT-P-10	.1	.002	20,500	23.9	1.09	20,900	24.8	1.41
CVT-P-12	.1	.002	20,500	23.9	1.09	20,900	24.8	1.41
CVT-P-20	.2	.006	8,010	10.9	.69	12,300	25.8	1.1
CVT-P-22	.2	.006	15,600	41.5	1.5	18,000	55.2	2
CVT-P-30	.54	.013	10,580	41.3	2.2	11,300	47.1	2.8
CVT-P-50	1.4	.044	7,810	76.2	3.8	8,070	81.4	4.9
**CVT-P-60	1.24	.12	6,280	134.5	2.8	6,560	146.8	3.6

\*\*CVT-10 Model & CVT-60 Models are available in Stainless Steel Body

### CVT-P ONE BOLT STYLE

MODEL	A	B	C	D	E	F	G	H
CVT-P-1(M)	1-1/4"	7/8"	23/32"	3/16"	5/32"	#10-32 UNF	#10-32 UNF	#6-32 UNF
CVT-P-1 (M)	1-1/4"	7/8"	23/32"	3/16"	5/32"	#10-32 UNF	#10-32 UNF	#6-32 UNF
CVT-P-10	1-1/2"	1-9/32"	31/32"	3/16"	7/32"	#10-32 UNF	#10-32 UNF	#10-32 UNF
CVT-P-10 (M)	1-1/2"	1-9/32"	31/32"	3/16"	7/32"	M5	M5	M5
CVT-P-20	1-5/8"	1-1/4"	1-1/8"	3/16"	1/4"	#10-32 UNF	#10-32 UNF	#10-32 UNF
CVT-P-30	2-3/4"	1-3/4"	1-1/4"	3/8"	11/32"	1/8" NTP	1/8" NTP	1/4-20 UNC
CVT-P-50	4"	2-1/2"	1-5/8"	3/4"	3/8"	1/4" NTP	1/4" NTP	NA
CVT-P-60	4-1/8"	2-11/16"	2-1/16"	11/16"	7/16"	1/4" NTP	1/4" NTP	NA

### CVT-P TWO BOLT STYLE

MODEL	A	B	C	D	E	F	G	H
CVT-P-12	1-3/4"	1-1/16"	15/16"	1-7/16"	5/16"	3/16"	#10-32 UNF	#10-32 UNF
CVT-P-12 (M)	1-3/4"	1-1/16"	15/16"	1-7/16"	5/16"	3/16"	M5	M5
CVT-P-22	2-1/4"	1-1/4"	1-3/32"	1-3/4"	3/8"	7/32"	#10-32 UNF	#10-32 UNF
CVT-P-22 (M)	2-1/4"	1-1/4"	1-3/32"	1-3/4"	3/8"	7/32"	M5	M5

Data for the two tables on left are obtained on 1,000 pound laboratory test block.

Frequency of vibration and resulting force will decrease on a less rigid structure.

