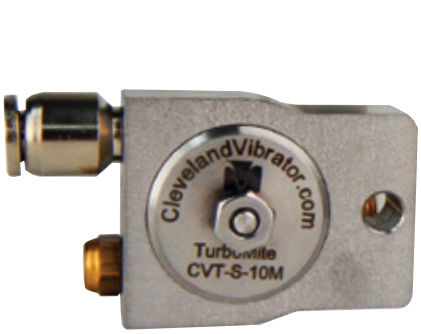
TURBOMITE CVT-P AND CVT-S SERIES

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

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airmatic.com | 215.333.5600 | infocenter@airmatic.com

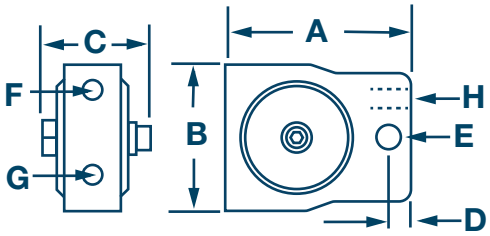
MODEL	WEIGHT (LBS)	UNBAL. (IN-LBS)	@20 PSI SPEED (VPM)	@20 PSI FORCE (LBF)	@20 PSI AIR CONS CFM	@40 PSI SPEED (VPM)	@40 PSI FORCE (LBF)	@40 PSI AIR CONS CFM
CVT-P-1	.04	.001	15,970	7.2	.26	18,500	9.7	.44
**CVT-P-10	.1	.002	18,200	18.8	.49	19,400	21.4	.78
CVT-P-12	.1	.002	18,200	18.8	.49	19,400	21.4	.78
CVT-P-20	.2	.006	8,010	10.9	.69	12,300	25.8	1.1
CVT-P-22	.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

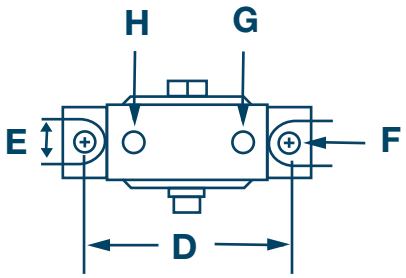
MODEL	WEIGHT (LBS)	UNBAL. (IN-LBS)	@60 PSI SPEED (VPM)	@60 PSI FORCE (LBF)	@60 PSI AIR CONS CFM	@80 PSI SPEED (VPM)	@80 PSI FORCE (LBF)	@80 PSI AIR CONS CFM
CVT-P-1	.04	.001	19,250	10.5	.61	20,000	11.4	.81
**CVT-P-10	.1	.002	20,500	23.9	1.09	20,900	24.8	1.41
CVT-P-12	.1	.002	20,500	23.9	1.09	20,900	24.8	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

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

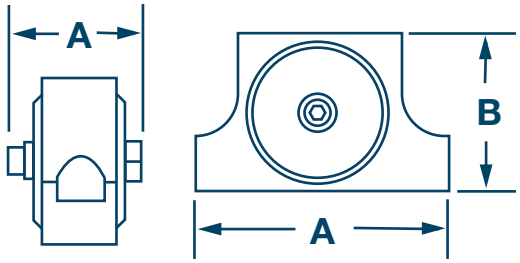
Frequency of vibration and resulting force will decrease on a less rigid structure.





CVT-P ONE BOLT STYLE

MODEL	A	B	C	D	E	F	G	H
CVT-P-1	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-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-22	2-1/4"	1-1/4"	1-3/32"	1-3/4"	3/8"	7/32"	#10-32 UNF	#10-32 UNF

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