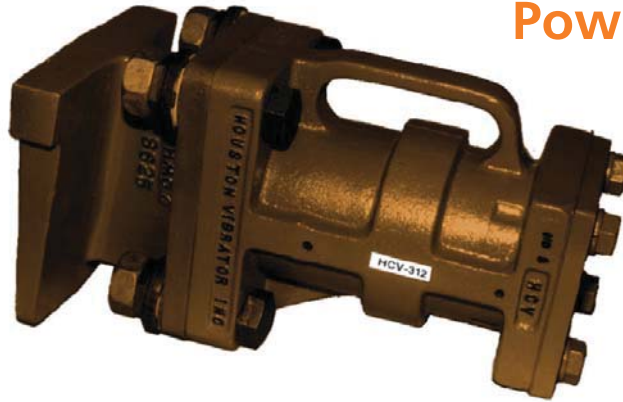


# HCV Series Railcar Vibrators



**Powerful linear force  
unloads tough  
material from  
Railcars...fast**

## HCV Series Linear Pneumatic Railcar Vibrators

HCV Series linear pneumatic piston railcar vibrators provide powerful linear force to speed up railcar unloading. HCV Series models are extremely successful in unloading grain, cement, sugar, and more from covered hopper-bottom railcars.

The HCV Series includes 3 different piston sizes from 3-1/8" to 3-1/2" diameters, with regular or long stroke pistons. All models are available in Impacting or Air Cushioned models.

For the most forceful impact, choose an Impacting model. Where quiet operation is important, choose the Air Cushioned (non-impacting) model.

### Standard features & benefits

- CNC Machined bodies & pistons ensure reliable operation
- Force & frequency are adjustable by varying supply air pressure
- Efficient operation - uses less air than rotary vibrators with comparable force
- Universal wedge head mount fits standard dovetail brackets on cars
- Low maintenance when installed with proper air-prep components

### Available options & accessories

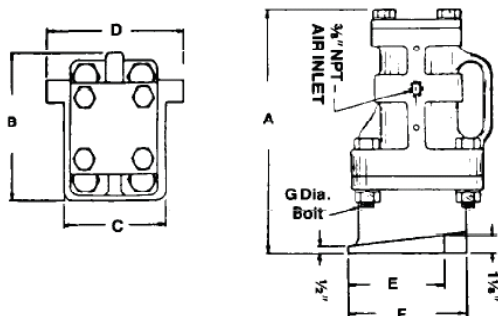
- Internal Tefkote for lubrication-free
- Tapped exhaust for extremely dusty environments
- HCV Cart makes vibrators easier to move and place on car
- Hose Control Assembly ensures automatic lubrication and puts controls close at hand

**Houston Vibrator can also provide these products for your facility:**

- LIFT Series Hopper Car Unloading Lifts for containing material during transfer from railcar to pit conveying system
- Pneumatic & electric vibrators for truck-loading spouts
- Pneumatic & electric vibrators for storage bins and tanks
- Dust Collector & Bag House vibrators

**Contact the Houston Vibrator sales office for assistance with these and other material flow solutions.**

# HCV Series Technical Data



Model	A		B		C		D		E		F		Weight		Inlet NPT
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Lbs	Kgs	
HCV-312	14 1/8	359	8	203	6	152	8	203	5 5/8	143	6 7/8	175	76	34.5	3/8
HCV-312 L	14 1/8	359	8	203	6	152	8	203	5 5/8	143	6 7/8	175	81	36.7	3/8
HCV-350	14 1/8	359	8	203	6	152	8	203	5 5/8	143	6 7/8	175	76	34.5	3/8
HCV-350 L	14 1/8	359	8	203	6	152	8	203	5 5/8	143	6 7/8	175	81	36.7	3/8

## Components and Accessories



A Hose Control Assembly puts controls where you need them - at the vibrator. One end connects to the air source with a crow's foot connector, the other end includes a male fitting to connect to your HCV Series Vibrator. The in-line lubricator continually lubricates the vibrator to decrease wear and tear, and manual lever valve allows on/off control of vibrator.



Lubro-Control units allow regulation of air pressure, and keep supply air clean and lubricated to increase the service life of your railcar vibrator. Air prep components are available in several different sizes and configurations to suit the needs of your unloading process.



The HCV Cart reduces operator strain by doing the heavy lifting for you. The cart can be used with any HCV model. Simply place the vibrator on the cradle, and wheel the cart and vibrator into position. Lower the vibrator into the dovetail bracket on the car, and you're ready to go. Custom sizes are available for tighter spaces and special requirements.

The Houston Vibrator Sales Team is available to assist you in choosing the model and accessories that best suit the material you unload, and the requirements of your facility. Contact us today for assistance, or visit [www.HoustonVibrator.com](http://www.HoustonVibrator.com) for more information on railcar unloading.

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