



Integrating plastic technologies
since 1965

POWDER LOADING

Vectra Series



Hamilton Vectra series Powder Loaders are specifically designed to move a wide variety of powders, resins and dusty regrinds with different particle sizes and structure. The Triax Carbonized bag type filters provide a greater air to cloth ratio inside the vacuum chamber of the loader. The pulsed air cleaning cycle purges the filter area after each load cycle with bursts of compressed air, assisted by an accumulator ensuring all powder or granular fines are removed.

Equipped with a smooth-wall interior, and a compact filter chamber, the Vectra powder loader is easy to maintain. Quick release latches and utility connections allows easy no-tools disassembly. 360° independent orientation of the base, center section and lid assembly allows complete installation flexibility. Even the filter bags can be released individually or as a subassembly. Hamilton's unique, removable filter plate module, means filter changes are faster and cleaner than competitive designs. An oversized compressed air accumulator and special blowback provide, blasts of air through the filter bags at the end of each load cycle to virtually eliminate filter clogging. The quick disconnect lift off lid, simplifies installation and service.

Brushless motors are also available as an option, processors who wish to eliminate the routine maintenance costs associated with brush monitoring and replacement on single-phase vacuum motors can now opt for maintenance-free brushless motors

STANDARD FEATURES:

- 60° Hi Flow cone for rapid material discharge
- All carbon steel construction to provide outstanding durability
- Conic discharge to ensure fast and uniform material discharge
- High volume blowback for cloth filters
- Rotary switch as means of detecting material level
- Modular design
- 1/4 to 3 cuft capacity (larger models available upon request)
- High Level proximity sensor to avoid filling
- Upgradeable from integral to central vacuum sequencing valve

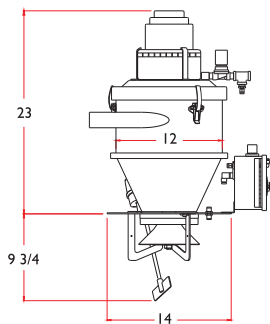
STANDARD OPTIONS:

- Silencer for integral models
- Flapper discharge
- Demand proximity sensor
- External ratio valve
- High wear package
- Brushless motor for integral models
- T-valve
- Common material valve

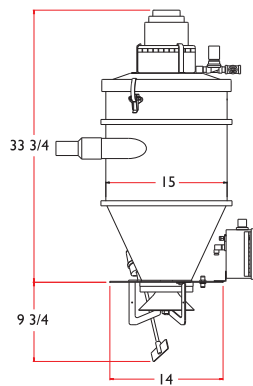


SPECIFICATIONS:

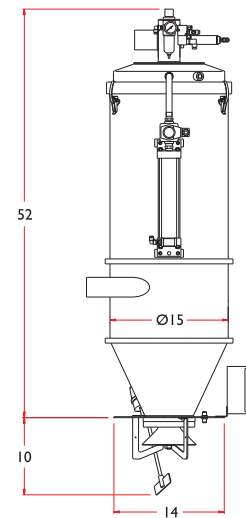
Model	VP0802-175I120	VP1510-175IX120	VP1510-250I20	VP2030-300I20	VP2230-400I20	VR1510-175IX120
Loader Diameter	8.0"	15"	15"	20"	20"	15"
Loader Capacity	0.25	1.0 through 2.0 cu.ft.	1.0 through 2.0 cu.ft.	3.0 cu.ft.	3.0 cu.ft.	1.0 cu.ft.
Line Sizes available	1.75"	1.75" through 3"	1.75" through 3"	2.5" through 3"	1.75" through 3"	1.75"
Voltage	120, 240 / 1 / 60 VAC	120, 240 / 1 / 60 VAC	All voltages available	All voltages available	All voltages available	120, 240 / 1 / 60 VAC
Conveying Capacity Max.	400/lbs/hr	1000-2000/lbs/hr				1000/lbs/hr
Conveying Distance	10' Vertical x 10' Horizontal	20' Vertical x 20' Horizontal				10' Vertical x 10' Horizontal
Filter Area					14 sq/ft	



VR 12 Series



VR 15 Series



VP 15 Series