

# SPECGUIDES Dust Collectors



## Cyclonaire Bin Vent/Dust Collectors

Cyclonaire Bin Vent/Dust Collectors provide air filtration and dust control for dry bulk materials conveyed pneumatically to destination points, such as bins, hoppers and silos. Installation is quick and easy with flanged outlet and dust discharge. Automatic presettable timers clean the filter media automatically with pulse jet airflow, dropping retained material back into the process. A wide array of sizes, custom sizes and custom features are available.

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<b>Manufacturer/Brand Name</b>	Cyclonaire Corp.
<b>Model</b>	Bin Vent Dust Collector
<b>Size</b>	Medium, custom sizes available
<b>CFM</b>	N/A
<b>Static pressure</b>	N/A
<b>Horsepower</b>	N/A
<b>Manufacturer comments</b>	Cloth filter area ranges from 17-1,000 sq. ft. Requirements: 120 VAC, 50-60 Hz; 90-100 PSIG; 3-10 scfm air



## Grizzly Model G0673

Grizzly introduces the Model G0673 10-hp industrial dust collector. Features of the G0673 include 10-hp, 220-volt/440-volt, three-phase motor; air suction capacity of 5,360 cfm with a static pressure of 17.9 in.; an upper bag filtration capacity of 2.5-micron particles; solid steel five-port intake manifold with 4-in. ports for even dust distribution; and heavy-duty steel stand and frame on 3-in. durable casters.

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<b>Manufacturer/Brand Name</b>	Grizzly Industrial Inc.
<b>Model</b>	G0673
<b>Size</b>	Large
<b>CFM</b>	5,360
<b>Static pressure</b>	17.9"
<b>Horsepower</b>	10
<b>Manufacturer comments</b>	N/A

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## Eurovac I from Eurovac, Inc.

The Eurovac I tough industrial grade system's powerful turbine pump and cyclone removes virtually all sanding, router and sawdust from hand tools and small stationary equipment requiring a 2-in. or smaller vacuum hose at the source, leaving you with a cleaner, healthier work environment. Cyclonic filtration removes 99 percent of dust before the secondary filter. This results in the unit operating much more efficiently than units which do not have cyclonic filtration, the company says. The remaining 1 percent of dust is removed by a secondary cartridge filter, which is automatically cleaned by compressed air pulse jet cleaning action. In addition to providing a healthier environment, it reduces the chance of dust contaminating your painting area and cuts the time and expense of labor spent on cleanup, the company says.

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<b>Manufacturer/Brand Name</b>	Eurovac Inc.
<b>Model</b>	Eurovac I
<b>Size</b>	Medium
<b>CFM</b>	275
<b>Static pressure</b>	60"
<b>Horsepower</b>	10
<b>Manufacturer comments</b>	Requires a 2" or smaller vacuum hose at the source



### Dantherm Filtration NFK Bag Filter

The NFK bag filter from Dantherm Filtration has a modular, weather-proof galvanized steel construction. It can be installed as multiple units to handle a 10,000- to 100,000-cfm range, which makes it suitable for small to very large systems. The NFK is easy to install on-site and extend when required. No compressed air is required. It comes with Dantherm Filtration's patented Superbag media, which has a long life (three to five years). It utilizes efficient regeneration fans for powerful filter cleaning. Cleaning can be done while shut down or can also be set up for continuous cleaning during normal operation.

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<b>Manufacturer/Brand Name</b>	Dantherm Filtration, Inc.
<b>Model</b>	NFK Bag Filter
<b>Size</b>	Small to large
<b>CFM</b>	10,000-100,000
<b>Static pressure</b>	10-22"
<b>Horsepower</b>	40-200
<b>Manufacturer comments</b>	Modular & expandable; low profile 16'; three to five year bag life; no compressed air required

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### PSI TEMPEST™ Cyclone Dust Collectors

Penn State Industries offers a state-of-the-art and affordable line of its TEMPEST Cyclones through a new dedicated 24-page dust collection catalog. The Cyclones range from 2 to 5 hp and are engineered to deliver maximum performance with best-in-class filtration with 452 to 700 sq. ft. at ½ micron, are certified to capture 99.98 percent of dust particles and offer cfm from 650 to 1,800. They're also constructed from heavy-duty 17-gauge steel and include five-year warranties.

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<b>Manufacturer/Brand Name</b>	Penn State Industries
<b>Model</b>	TEMPEST 3.5-hp Cyclone
<b>Size</b>	Small
<b>CFM</b>	1,700
<b>Static pressure</b>	14.25"
<b>Horsepower</b>	3.5-hp single-phase
<b>Manufacturer comments</b>	High cfm; ideal for dedicated machines & small/mid-size commercial shops



### Sternvent cyclone dust collector

For applications where a 55-gal. drum must be emptied too frequently and a motorized rotary airlock is too costly, Sternvent now offers a cyclone dust collector with a storage hopper underneath for greater volume of waste storage. The 105-cu.-ft. hopper features a 24-in. square rack and pinion slide gate with hand wheel or pull chain operator. It is ideal for wood or plastic waste storage and provides for easy gravity transfer into a pickup truck or garbage container. The cyclone is available from Sternvent with a top-mounted fan and silencer (as shown) or with a ground-mounted fan for ease of maintenance. Sternvent high-efficiency cyclone dust collectors provide an economical method for controlling large dust particles. A range of seven basic models from 1,500 to 12,000 cfm allows the selection of the right size cyclone for each application. Models range from 2 to 50 hp.

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<b>Manufacturer/Brand Name</b>	Sternvent Co. Inc.
<b>Model</b>	CYH
<b>Size</b>	Medium
<b>CFM</b>	1,500-12,000
<b>Static pressure</b>	6-15"
<b>Horsepower</b>	2-50
<b>Manufacturer comments</b>	N/A