

KEEP THE AIR CLEAN

Improve the air quality in your school wood shop with our highly rated dust collecting equipment (*“Wood” Magazine, June 2000*). With 20 different dust collectors to choose from, we have just the right model, or combination of models, to keep the air born dust particles from your school wood shop.

Call and have one of our experts help you set up a free floor plan.

“High quality and affordable prices.”

Joe Hogan, Richmond County, Alternative School, Augusta, GA



3600CFM Dust Collection System

Powerful 5HP 3600 CFM Dust Collection System

This powerful 3600CFM system is designed for the small or large wood shop. It features unrestricted 3600CFM collection, 5 micron filtration and over 100 gallons of dust bin capacity. Ideal for multiple machines and long runs.

- Airflow: 3600 CFM, 10.6" Max Static Pressure
- Motor: 5HP, 220 Volt / 3 phase with starter switch
- Other Motor Blower specifications: see Chart on page 45 for DC500MB Premium Motor Blower Unit
- Bags: 2each, 24" x 7ft, 5 micron
- Overall height: 12 ft max.
- Main inlet duct size: 8" dia
- Vertical outflow duct: 7" dia
- Branches to bags: 5" dia
- Overall footprint: 7 ft x 2 ft

Note: Includes all components as shown except for drums. Requires user supplied 55 gal drums, 220V/3ph electrical and minimum 12 ft ceiling. 8" diameter ductwork main run recommended. Case of 50 heavy duty 55 gal plastic dust bags 3mil size available.

DC720 Portable Dust Collector



This lightweight, low profile unit is a self-contained dust collection system. All fans and filters are integrated into a compact portable 8" x 10-3/8" x 23" cabinet. As you work in front of it, dust is drawn in by three computer-grade, quiet, maintenance free fans. Dust is then captured by an efficient 10" x 20" filter at 720 CFM.

OTHER FEATURES:

- Clear Plastic Doors with Adjustable Hood
- Grounded Dual 115V Outlets for Power Tools
- Filter Easily Removes For Cleaning
- Variable Speed Fan Control



DC5 Powerful Mini Dust Collector

This small, powerful and portable dust collector is perfect for the small shop. Its powerful universal motor rotates at 6400 RPM – creating superior suction – making it a perfect replacement for your shop vacuum. (Note: larger Dust Collectors have induction motors that rotate at 3250 RPM). Although somewhat louder than larger collectors – this mighty mini collector out-performs many of its larger counterparts!

OTHER FEATURES:

- Motor: 6.8 AMPS @110 V
- 914 CFM • 1 HP
- Max Static pressure: 9.4"
- Bag size: 12 gal
- Overall size without bags: 13" x 14" x 23"
- Weight: 18 lbs.
- 4" inlet and outlets



Dust Collectors and Accessories

DC3600	3600CFM Dust Collection System	FOB Phila, \$1195.00
DCBAG3M	55 Gallon, 3 Mil Dust Bag, Case of 50	\$39.95
DC720	720 CFM Portable Dust Collector	UPS \$10, \$199.95
DC720-F	Spare Filter for 720 CFM Portable Dust Collector, 2" x 10" x 20"	\$6.95
DC5	Powerful Mini Dust Collector, With 30 Micron Filter Bag	UPS \$9, \$169.00
DC5-5	Powerful Mini Dust Collector, With High Filtration 5 Micron Filter Bag	UPS \$9, \$179.00

DC3-5XL Portable Dust Collector Air Handler

- 1-1/2 hp. Motor
- 850 CFM
- 5 Micron Bags Standard
- 8' Duct Hose FREE

Compact but powerful 1-1/2 H.P. motor to move air to over 850 CFM. Light-weight and portable at less than 50 pounds, this unit can easily be moved to the job or mounted for special air handling needs.



Evacuate Contaminated Air

Or Use To Collect Dust

Use it for:

- Dust collection from wood working machines.
- Discharge of air contaminated with smoke, cement dust, ceramic dust, plaster dust and various non-volatile fumes.
- Ventilation & circulation.

DC1B-XL Dust Collector

- 1 hp. Motor
- 850 CFM
- 5 Micron Vu-Thru Bags Standard
- 8' Duct Hose FREE

Our 1 HP Collectors have been our most popular System. Thousands have been sold to safety minded woodworkers. Unit runs on 110V/220V. Our new model DC1B-XL is perfect for hookups to almost any single machine.



Features include:

- "Y" inlet for two 4" connections
- Larger bags for greater collection capacity and increased air flow

DC2-5 Dust Collector

- 1-1/2 hp. Motor
- 1100 CFM
- 5 Micron Vu-Thru Bags Standard
- 50' duct hose

This 1-1/2 HP Model is suitable for any shop, large or small. It gives superior air flow and improved service for long runs of hose or ducting systems. This powerful unit runs effortlessly on 110V - using much less power yet providing nearly the same performance as units with 2 H.P. and up.



Super DC250SE Dust Collector

- 2 hp. Motor • 1350 CFM
- Aerodynamically Designed
- 5 Micron Vu-Thru Bags Standard
- 50' duct hose

This "next generation" system is equipped with the most powerful motor, the highest CFM, and the best collection bags in its class. Perfect for multiple machine and long runs - this system is great for use in any school's woodworking shop.



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Dust Collectors

DC3-5XL	DC3-5 Portable Dust Collector , With High Filtration 5 Micron Filter Bag with Zipper	UPS \$21, \$209.95
DC1B-XL	DC1B-XL Dust Collector , Standard with High Filtration 5 Micron Filter Bags & Band Clamps	UPS \$29, \$219.95
DC2-5	DC2-5 Dust Collector , Standard with High Filtration 5 Micron Filter Bags & Band Clamps	UPS \$40, \$299.95
DC250SE	Super DC250 Dust Collector , Standard with High Filtration 5 Micron Filter Bags & Band Clamps	FOB Phila, \$334.95

Maximize Dust Collection "Tempest Cyclone"

PSI has innovated an affordable line of high performance Cyclones that have become the system of choice for many school workshops. Our Cyclone Separators capture over 99% of all dust and debris before it passed through to the final filter bags. Maximum airflow is continuously maintained through a cyclone since virtually no dust inhibits airflow through the final filter. Disposing of debris is easy, you can use any size container from 10 gallons up.

Select from our standard 5 micron air filtration bags or our latest generation of cyclones with super efficient filter cartridges. Our filter cartridges system is an innovative system of extremely high filtration cartridges that filter the outflow air down to .5 micron! Read more below about these unique filter cartridges.

PSI Cyclone Systems come complete with a motor/blower unit that mounts at the top of the cyclone. PSI's powerful 1100, 1350 or 1900 CFM motor/blowers are the engines that power these super efficient cyclonic dust collection systems. Also included are the hose, clamps and flange that provides the drum connection at the bottom of the cyclone funnel. For final filtration select from our standard 5 micron filter bags or high efficiency .5 micron filter cartridges.



TEMPESTC with wall mount and 2 Filtration Cartridges floor mounted



TEMPESTC with Cartridges ceiling mounted to save floor space. Ceiling mounting kits prices below.

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6 TEMPEST Cyclone to choose from

Motor Blower	Filter Package	Item# & Price
2 HP 1350 CFM Blower, 1000 CFM thru Cyclone	Standard 5 Micron bag 18" dia x 72" high	#TEMPEST \$595
	Two .5 Micron Cartridges Mounts Floor or Ceiling *	#TEMPESTC \$695
1-1/2 HP 1100 CFM Blower, 750 CFM thru Cyclone	Standard 5 Micron bag 18" dia x 72" high	#TEMPEST2 \$539
	One .5 Micron Cartridges Mounts Floor or Ceiling *	#TEMPEST2C \$595
3 HP 1900 CFM Blower, 1350 thru Cyclone	3 HP Standard 5 Micron bag 24" dia x 72" high	#TEMPEST4 \$729
	Three .5 Micron Cartridges Mounts Floor or Ceiling *	#TEMPEST4C \$895

* Requires ceiling mounting kit



TEMPEST with variable height stand and 5 micron

PSI 0.5 Micron Cartridges

PSI's cartridges have been engineered to work hand in hand with our Cyclones. The cartridges are certified to capture 99.8% of dust at 0.5 Microns and above. This is the best filtration available for dust collectors on the market today. The cartridge filters are made from an 80% cellulose & 20% polyester blend of fine synthetic fibers. This material provides optimum pleat strength and resistance to moisture and linting. Each filter passes up to 750 CFM and come in two styles, one with two open ends and one with an open and a closed end. Filters are combined to provide sufficient airflow for the motor blower on the system. The filters are secured together with a mounting bar and can be mounted horizontally (on the ceiling) or vertically (on the floor). Cleaned out by blowing compressed air around the outside of the cartridge.



Specifications

	TEMPEST TEMPESTC	TEMPEST2 TEMPEST2C	TEMPEST4 TEMPEST4C
Blower CFM	1350	1100	1900
CFM Thru cyclone	1000	750	1350
Motor Blower H.P.	2 HP	1.5 HP	3.0 HP
VAC	220V*	110/220V	220V *
Max Amps	12@220V	18@110V	14@220V
Height (w/27" can)	94"	92"	94"
Footprint (w/o bag)	24" x 24"	24" x 24"	24" x 24"
Air Inlet dia.	5" dia.	5" dia.	5" dia.
Air Outlet (to filter)	5" dia.	5" dia.	5" dia.
Dust Outlet (bottom)	7" dia.	7" dia.	7" dia.

Cyclone construction 22 Gauge, enamel painted interior & exterior.

Cartridge Ceiling Mounting Kits

Hardware, required for mounting one or more connected cartridges to the ceiling. Hardware Kit includes Silicon caulk, "S" Hooks, aluminum mounting bracket (pre-drilled), self-taping screws, and chain.

CYHW1	Single Cartridge Kit for TEMPEST2C	\$18.99
CYHW2	Double Cartridge Kit for TEMPESTC	\$24.99
CYHW3	Triple Cartridge Kit for TEMPEST4C	\$29.99