

EUROVAC



HIGH PERFORMANCE CENTRAL VACUUM SYSTEMS

EXPERIENCE THE ULTIMATE IN DUST CONTROL TECHNOLOGY

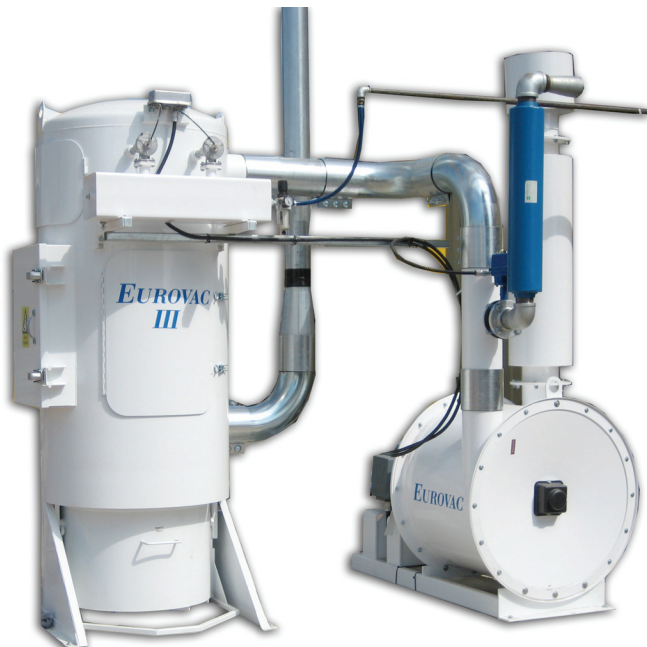
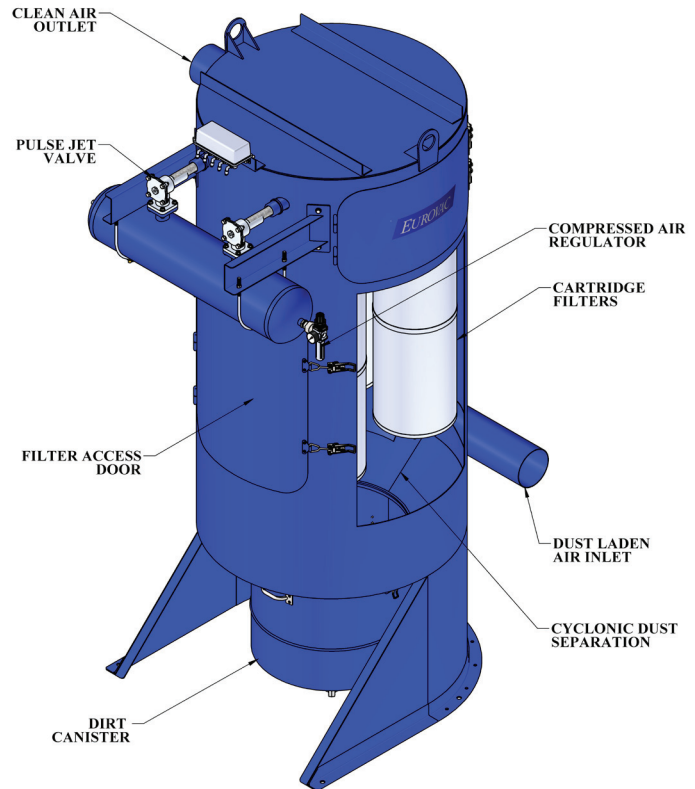
- Superior products designed to run all day, every day - with minimal maintenance requirements
- Superior filtration with built-in primary cyclonic separation located ahead of the final bag or cartridge filters
- Properly engineered layouts help increase productivity and efficiency by allowing you to place vacuum drops exactly where needed, eliminating the need for portables
- Eliminate breakdowns with our high efficiency industrial grade motors and superior filtration systems
- Eliminate loose cords on the floor keeping work areas safe
- Complete line of quality cleaning accessories

EUROVAC SUPERIOR FILTRATION

All of our systems use a separator designed to remove debris and particles from the air stream before they reach the exhauster, which is vital in protecting the pump from damage. It also prevents contaminants from being released back into the atmosphere.

For removing sanding dust, we use a combination of cyclonic filtration and secondary polyester cartridge filters with automatic compressed air pulse jet cleaning, which permits continuous cleaning while the system is up and running. This is far superior to the automatic shakers often found on bag house separators which can only clean the filters when the system is shut down. This also applies to manual shakers found on many bag house separators, which require a technician to physically shake or operate a handle in order to clean the filters.

In situations where water would need to be picked up by the dust extraction system, we have a range of wet collection pre-separators available. In situations where explosive materials need to be picked up, such as aluminum, wet mix separators are also available.



Eurovac III System

EUROVAC III CENTRIFUGAL MULTI-STAGE PUMP SYSTEM

- Ideal for production shops with 5 to 40+ users cleaning at the same time
- 10 to 75 HP centrifugal multi-stage pump can be set at various vacuum levels from 5" HG (68" water column) for short pipe runs to 10" HG (135" water column) to offset friction losses on long pipe runs
- Large aluminum impellers and fabricated housings result in a vacuum pump that is far more efficient than competitive products (which typically have smaller steel impellers and sections held together with tie-rods)
- Comes equipped with cartridge filters, automatic compressed air pulse jet cleaning and primary cyclonic separation
- Our industrial grade induction motors have a 20,000 hour rating

EUROVAC I REGENERATIVE BLOWER SYSTEM

- Ideal for 2-users, 3-users and 4-users cleaning at the same time
- 5HP, 10HP and 20HP, 220, 440 or 575 volt three-phase induction motors and regenerative blowers available
- The system can be set up via microswitch to start and stop
- Pumps and separators are designed to run continuously with little or no maintenance required.
- Comes equipped with cartridge filters, automatic compressed air pulse jet cleaning and primary cyclonic separation
- Our induction motors have a 20,000 hour rating



Eurovac I System



Eurovac II System

EUROVAC II SYSTEM

- Economical alternative to the Eurovac I System, either for 1-user or 2-users cleaning at the same time
- Comes in a 2.5HP and a 5HP model
- Filtration consists of a primary cyclonic separator and a final 8" x 16" cartridge filter (making it superior to any portable)
- Manual pulse jet cleaning comes standard with the 5HP systems and is an optional upgrade to the 2.5HP system.
- The system can be set up via microswitches to start and stop automatically, maximizing operating life of the brush motors (which are rated at 3,500 hours and are inexpensive to replace, if required)
- Longer duty cycle brushless motors (rated at 20,000 hours) are available as an upgrade for both models



Eurovac offers a complete line of cleaning tools, vacuum hoses and accessories.



DROPS AND PIPE FITTINGS

Eurovac systems are designed for convenient use with vacuum drops (or work stations) and can be placed exactly where you need them for increased productivity. We can also equip workstations with toggle switches to turn the system on & off or with microswitches so that the system turns on and off automatically when the hose is plugged into the inlet.

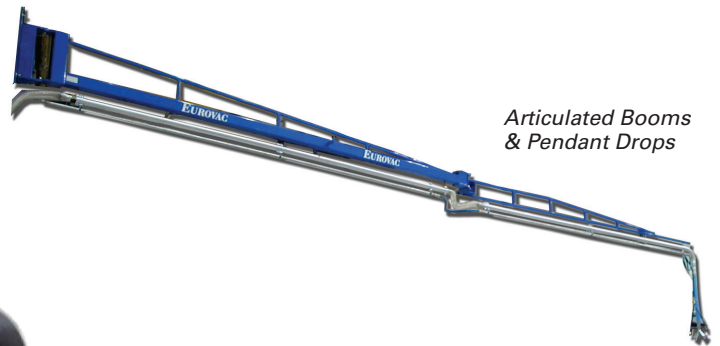
Metal tubing is used on all of our systems, which is superior to PVC and ABS piping as it has long radius bends and does not generate static electricity. All of our systems use graduated 14 to 16 gauge steel tubing secured with heat shrink sleeves or compression couplings. If the material is extra abrasive we can offer thicker steel, down to 11 gauge.

The system piping network is engineered and graduated to maintain airflow at a minimum of 4500 feet per minute. If design velocities are required to be extra strict, we also offer end of line purge valves, either spring-loaded or electronic. These devices will bleed air into the ends of the lines as the drops open and close to ensure the design velocities are maintained and dust makes its way back to the main collector.

Manual, pneumatic and electric slide gates are often used to shut off drops tied into stationary equipment. We offer a multitude of drop options, including single drops, double drops, extension booms for additional reach, spring recoil hose reels and motorized hose reels. All systems are customized and can be altered to fit your exact needs, so please speak with a Eurovac representative to find the right solution for your application.



Multiple user system designed for continuous use



Articulated Booms & Pendant Drops



Single Wall-Mounted or Hanging Drops



Spring Return Hose Reels



Double Wall-Mounted or Hanging Drops



Eurovac IV System

EUROVAC IV - CAST IRON PUMPS

The Eurovac cast iron blowers are highly efficient pumps designed for applications with high pressure requirements above 9" of mercury. The Eurovac line of cast iron pumps range from 15HP to 150HP. This is ideal for long pipe runs greater than 350 ft. or for picking up heavier materials.

- Ideal for production shops with 5 to 40+ users cleaning at the same time
- Advanced blower structure design makes for easy installation, operation and maintenance
- Ranging in size from 2.5" to 14" connections, this line of cast iron pumps achieve airflow up to 13,000 CFM. These units include non-wearing labyrinth air seals, high-quality bearings for long life, industrial strength I-beam bases and epoxy enamel finishes.
- Comes equipped with cartridge filter, automatic compressed air pulse cleaning and primary cyclonic separation
- Our industrial grade induction motors have a 20,000 hour rating

CYCLONIC PRE-SEPARATORS

A system equipped with a high efficiency pre-separator in addition to the filter separator is ideal when picking up large quantities of dust. A pre-separator lightens the dust load by cycling out and separating as much as 85% of the particulate before it reaches the filter separator. The reduced dust load on the filters helps maintain the system's high quality performance and it will require less maintenance as a result.

The collection capacity for the cyclonic pre-separators come in standard 10, 30 and 55 gallon sizes. Larger capacity pre-separators are also available in 1.5 and 2 cubic yard self-tipping dumpsters. For larger capacity requirements, please consult with a Eurovac representative to learn more about our custom options.



Eurovac I, II, III and IV Pre-Separators

WORKPLACE SAFETY IS OUR FIRST PRIORITY



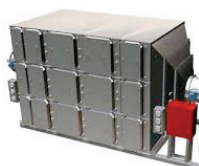
Spark Arrestor



Explosion Relief Membrane



Rotary Airlock



Hepa Filtration



Sprinkler Ports



Broken Bag Detector



Bag In/Bag Out



Bin Level Indicator



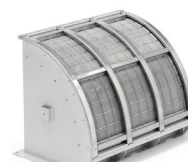
Chemical Suppression



Controls & PLC Options



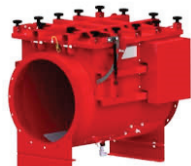
Spark Detection Systems



Flame Quenchers



Platform & Ladder



Isolation Valve



Abort Gate

***For every need and budget,
trust the dust collection specialists.***

For more information, contact Eurovac:

CANADA and USA

Toll-Free 800-265-3878 / Fax 416-744-8079

44 Milvan Dr., North York, ON M9L 1Z3

5927 Center Rd, Unit 3, Valley City, OH 44039

www.eurovac.com

EUROVAC