

EUROVAC

HIGH PERFORMANCE CENTRAL VACUUM SYSTEMS

EXPERIENCE THE ULTIMATE IN WELD FUME EXTRACTION

Eurovac has a complete range of central high vacuum fume extraction systems ranging from 5HP to 75HP units which will handle 2 to 35 technicians using welding guns at the same time.

KEY BENEFITS:

- Captures dangerous welding fumes before they enter the welder's breathing zone
- Ideal for mig, tig, arc and robotic welding
- No lost production time moving large fume extraction arms every time the welder changes position
- Source capture welding guns or welding attachments only require 80-100 CFM or less each; eliminating the need for costly air makeup systems required with high volume systems
- Several filter options are available, including combination cyclone separator and polyester cartridge filters with automatic pulse jet cleaning

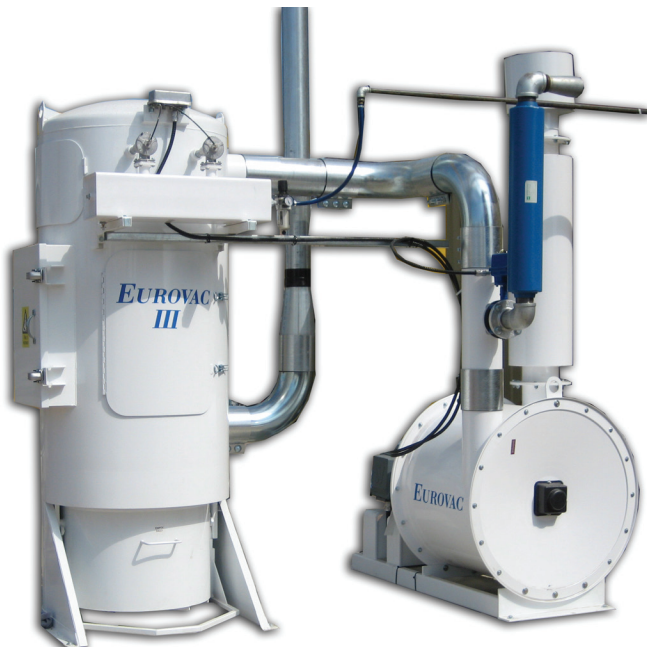
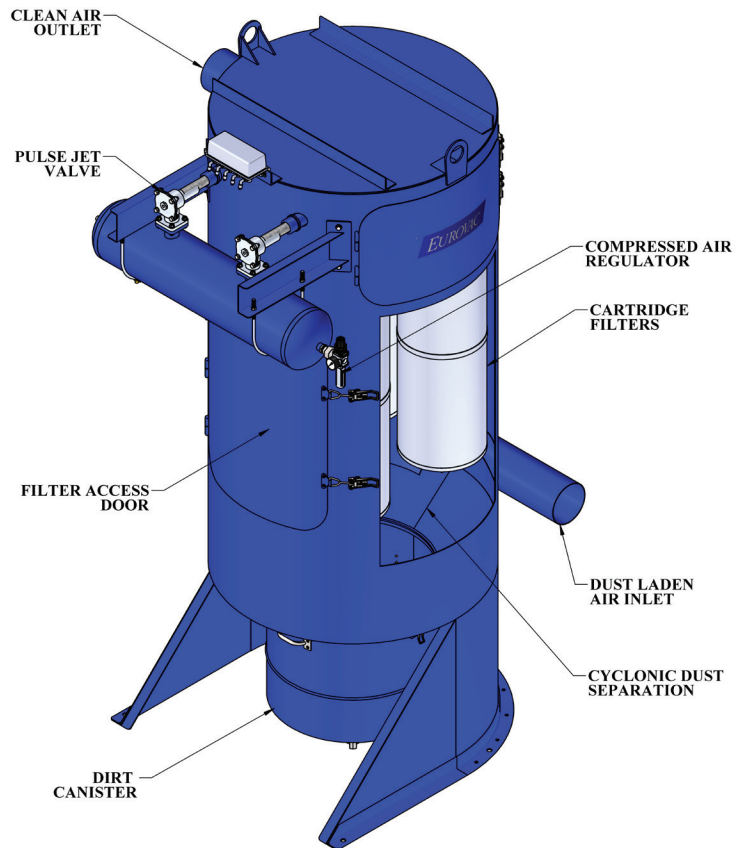


EUROVAC SUPERIOR FILTRATION

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 welding fumes, 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.

Due to the production of hexavalent chromium fumes, the OSHA decreed the welding of stainless steel to be a health hazard to operators. It is now a requirement for fumes to be filtered not only with standard nanofiber filters but with HEPA filters as well.



Eurovac III System

EUROVAC III CENTRIFUGAL MULTI-STAGE PUMP SYSTEM

- Ideal for production shops with 10 to 40+ users welding at the same time
- 10 to 150 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 sanding at the same time
- 5HP, 10HP and 15HP, 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



EI Combo Unit & Hepa



Eurovac II System

EUROVAC II SYSTEM

- Economical alternative to the Eurovac I System, either for 2-users or 4-users welding 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)
- Comes equipped with manual pulse jet cleaning and optional upgrade automatic pulse jet cleaning
- 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 10,000 hours) are available as an upgrade for both models

ASSIST WELDING GUNS, GRINDERS AND CLEANING 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. Work stations can also be equipped with microswitches so that the system turns on and off automatically.

Metal tubing is superior to PVC or 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. The system is also graduated to maintain airflow at approximately 4500 cubic feet per minute.



*Double Wall-Mounted
or Hanging Drops*

*Single Wall-Mounted
or Hanging Drops*



Multiple user system designed for continuous use



Articulated Booms & Pendant Drops

***For every need and budget,
trust the central vacuum 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