

EUROVAC



HIGH PERFORMANCE CENTRAL DUST COLLECTION SYSTEMS

EXPERIENCE THE ULTIMATE IN DUST CONTROL TECHNOLOGY

- Superior filtration with a wide range of filter options to meet all application requirements including shakers and compressed air pulse cleaning, with a wide range of filter materials including 80:20 cellulose, polyester, teflon coated, nano and HEPA
- High Performance Backward Inclined Fans are designed with radial impellers and backward curved blades
- Fans are constructed of powder-coated welded sheet iron with aluminum impellers mounted directly on the motor shaft (the fan inlet has duct connection collar)
- Capability of designing systems that meet NFPA, OSHA and ATEX codes, including explosion relief requirements
- Turnkey systems also available



EUROVAC "RCC" CENTRAL COLLECTORS

- Modular system provides a wide range of configurations and sizes ranging from 4 cartridge (2500 CFM) to 100,000 CFM multi-cartridge systems
- Hopper entry where dust is directed down into the hopper below the bank of cartridge filters (baffle removes a large portion of the dust before it reaches the final cartridge filters)
- Includes compressed air pulse jet cleaning and a wide range of collection options (canisters, totes, and dumpsters)



Eurovac "RCC" Rectangular Cartridge Collectors

EUROVAC "CFS" CENTRAL COLLECTORS

- Round cyclonic design along with bag and cartridge filter options ideal for a wide range of application and collection options (canisters, totes, and dumpsters)
- Round cyclonic design improves filtration by removing 90% of the dust before it reaches the final filters and offers more structural integrity than rectangular separators (ideal for high KST or explosive materials)
- Includes compressed air pulse jet cleaning



Eurovac "CFS" Cyclonic Filter Separator



SPIRAL DUCTING & SLIDE GATES

All duct, fittings and accessory requirements are available and in stock.



Eurovac After Bag Filtration (ABF) Systems

EUROVAC “ABF” CENTRAL COLLECTORS

- Primarily used in small woodworking and composite manufacturing operations
- Systems consist of primary pre-separator cyclonic separation and bag after filters (primary pre-separator removes up to 90% of the dust before reaching the secondary cartridge filters)
- Sizes range from 12” diameter cyclones (300 CFM) to 36” diameter systems (4000 CFM)
- Designed for interior locations (18” and smaller diameter cyclones are exempt from NFPA 654 because their area is less than 8 cubic feet)

EUROVAC “MDC” CENTRAL COLLECTORS

- Designed for welding, grinding and fume arm applications
- Available in 2 filter (520 square feet) and 4 filter (1040 square feet) modules
- Fits in tight spaces
- Includes:
 - 80/20 cellulose/polyester cartridge filters
 - Automatic compressed air pulse jet cleaning
 - Internal spark arrestor
 - Optional HEPA filter or carbon filter



Eurovac Modular Dust Collector (MDC) System

SEPARATOR OPTIONS



Spark Arrestor



Explosion Relief Membrane



Rotary Airlock



Hepa Filtration



Controls & PLC Options



Broken Bag Detector



Bag In/Bag Out



Bin Level Indicator



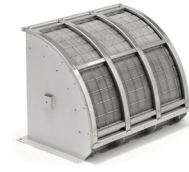
Isolation Valve



Pressure Gauges



Spark Detection Systems



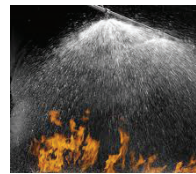
Flame Quenchers



Platform & Ladder



Chemical Suppression

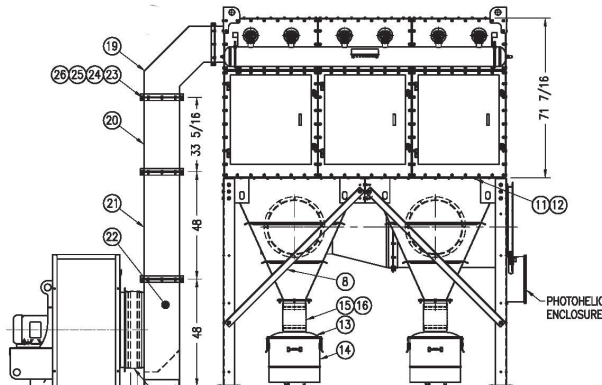


Sprinkler Ports



Abort Gate

PROPERLY ENGINEERED SYSTEMS:



APPLICATIONS:

- Weld Dust/Fume Extraction
- CNC Plasma/Laser Cutting Tables
- Composite
- Woodworking
- Pharmaceutical
- Blast Rooms
- Robotic Weld Cells
- Foundry

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

For more information, contact Eurovac:

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