

Environmental Air Remediation with **ARID-Dry®** Advanced Filtration System

ARID-Dry Advanced Filtration System

for environmental air remediation dramatically improves air quality during hazardous material abatement (i.e. asbestos), construction, remodeling, mold remediation, fire and water restoration, sewer backups, hospital room decontamination or industrial applications.

The **ARID-Dry** advanced particle filter system uses a pre-filter along with a certified 99.99% Ultra HEPA filter, gas phase odor adsorber carbon filter or metallic substrate odor filter. This abatement system can capture airborne particles, purify the air, remove odors and protect against pollutants spreading to other parts of the building.

18,000 SCFM Advanced Filtration System enclosed trailer with aluminum diamond plate exterior.



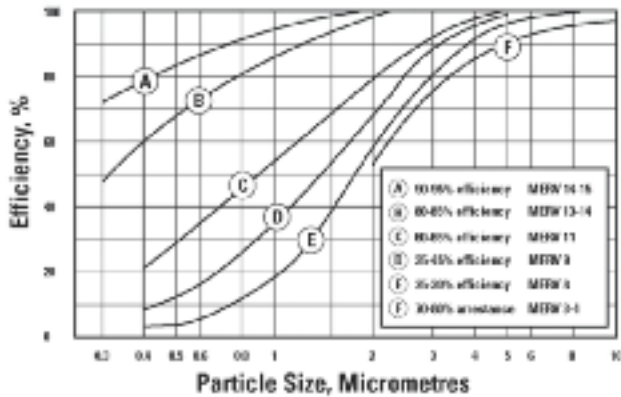
18,000 SCFM Advanced Filtration System enclosed trailer with smooth aluminum panel exterior.



High Efficiency LEED Compliant Air Filtration System

The LEED compliant **ARID-Dry** Advanced Filtration System provides exceptional performance with flexibility, power, and mobility. Filter receivers accept multiple filter configurations providing cost-effective solutions for many air remediation concerns. Plus, it's user friendly. Connect the ducting, plug it in and press the button. It's that simple. WDR contractors and facility maintenance departments have relied on **ARID-Dry** products for value, efficiency, performance and profits. The **ARID-Dry** Advanced Filtration System is no exception.

MERV Standings



Gas Phase Odor Adsorber Filter Usage

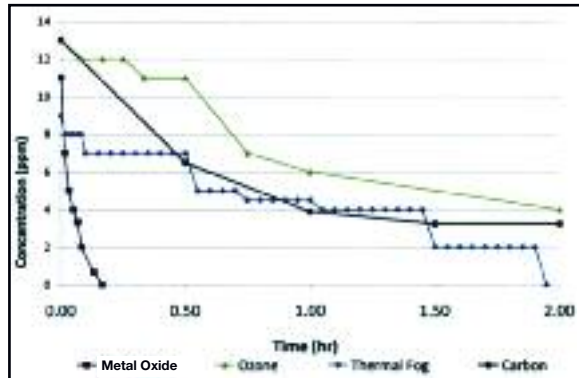
Select from Four Medias for Maximum Control of Gaseous Contamination

Standard Activation Carbon (90% Activity)		Chemically Treated Carbon		
		Multi-Purpose	Acids	Amines / Bases
Food/Cooking Odors	VOC's	Formaldehyde	Hydrogen Sulfide	Ammonia
Industrial Process Odors	Cigarette Odors	Oxides of Nitrogen	Hydrochloric	Morpholine
Jet Engine Fuels	Hydrocarbons	VOC's	Hydrofluoric	NMP
Exhaust Odors	Boron	Sulfides	Nitric	Triethylamine
Diesel Fumes	Phosphorus	Diesel Fumes	Sulfuric	Trimethylamine
Ozone	Arsenics	Cigarette Odors		
		Ozone		

Chemical Filters Used in Critical Applications

Standard Activation Carbon General Purpose	Chemically Treated Carbon		
	Multi-Purpose	Acids	Amines / Bases
Airports	Museums	Acid Etch Operations	Photolithography
Hospitals	Libraries	Sewage Treatment Plants	Blue Print Facilities
Office Buildings	Hospitals	Pulp and Paper Mills	Cleanrooms
Cleanrooms	Morgues	Petrochemical	Microelectronics
Pharmaceuticals	Office Buildings	Pharmaceutical	Amine Etching Processes
Microelectronics	Diesel Exhaust		
Industrial Processes	Casinos / Bingo Halls		
Restaurants / Bars	Smoking Lounges / Bars		
Sports Arenas	New Construction		
Nail Salons			

Metal Oxide Filter Removing Sulfur Odors



For ARID-Dry Advanced Filtration System sales and equipment specifications call 507.451.2198.



Climate by Design
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Advanced Filtration System Specifications

Filter Systems

MERV 13-14 standing, 80-85% efficient pre-filter

With these Options:

- Ultra HEPA filter, 99.99% minimum efficiency at 0.3 microns
- Ultra high efficiency gas phase odor adsorber carbon filter
- Metal oxide substrate odor filter

Filter racks will accept multiple filter configurations

- Four individual 3 h.p., 14 amp, high efficiency backward inclined non-overloading supply blowers. Rated at 4,500 CFM each

- 20" duct connectors - side return and discharge (ducting not included)

- Four return and supply ducts with covers

- Nominal supply air volume – 4,500 SCFM each, 18,000 SCFM total

- Aluminum beam and diamond plate floor

- Aluminum diamond plate or smooth panel walls

- 2 5/16" hitch, aluminum mag wheels, electric brakes

- Two axles 3,500 lbs each, GVW 7,000 lbs

- LED lights, rear leveling jacks

A - Independent controls for each blower

B - Four 4,500 CFM blowers

C - Disconnect with dual 30 amp quick-connect



ARID-Dry®

Advanced Filtration Systems
Mobile Environmental Air Remediation