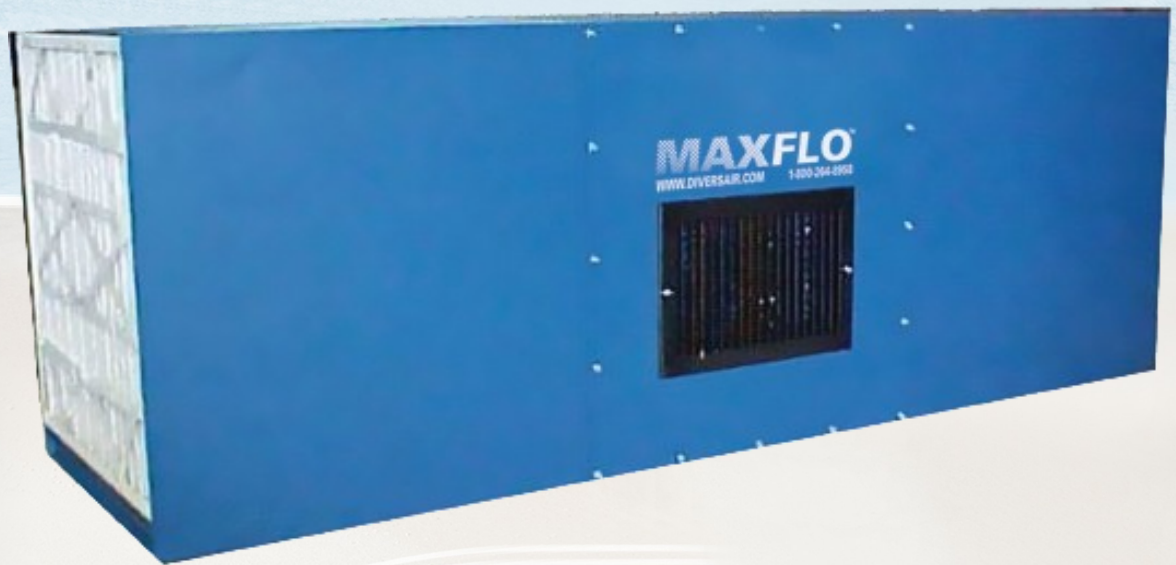


DIVERSIFIED AIR SYSTEMS, INC.

MAXFLO™-D30 UV

Engine Exhaust Removal System

- ***Economical way to remove vehicle exhaust emissions***
- ***Four stage filtration with final ultraviolet light and catalytic oxidation***
- ***Recirculates clean air, eliminating the need for expensive make-up air***



- ***Applications: fire houses, emergency vehicles, municipalities, repair shops, etc.***
- ***Minimal installation required, ceiling or side wall mounted***
- ***Ships fully assembled, limited maintenance***
- ***100% hands-free hoseless system***

Superior technology generating substantial operating savings

MAXFLO D30 UV FEATURES

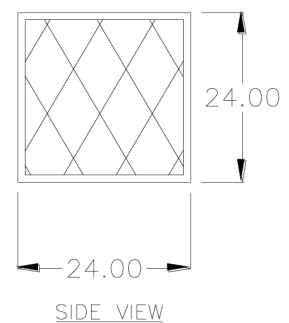
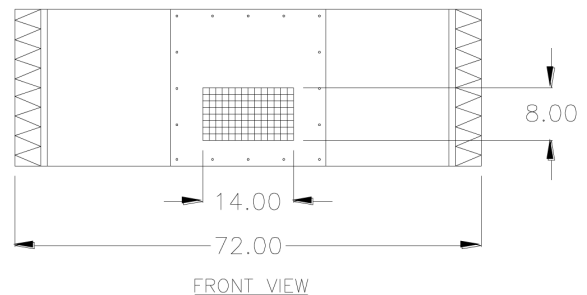
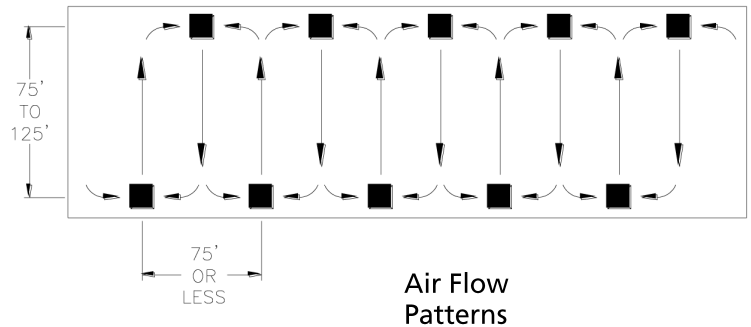
The MAXFLO-D30-UV Engine Exhaust Removal System was designed specifically as a self-contained, affordable, attachment-free system for removing hazardous gases and particulate from fire station, EMS station, municipalities, and repair shops. Our MAXFLO system is 100% effective, safe, cost-efficient, NFPA 1500 and OSHA compliant, and non-disruptive to daily operations. It automatically removes the particulate and gases that are released within your building every time vehicles start up and return.

BENEFITS FOR FIRE DEPARTMENT:

- Removes gases, carcinogens and particulate
- No hoses, canisters, hook-ups or vehicle connections
- 100% self-contained and hands free
- Highly affordable - 1/2 the cost of hose systems
- Highly user friendly, compact and quiet
- No changes or disruption to daily operations - non-structural
- Environmentally friendly - No exhausting outdoors
- Meets NFPA 1500, OSHA, IBOCA, EPA, GSA standards
- Energy efficient - no heating or cooling loss
- Limited Maintenance - only periodic filter changes
- Reduces emergency response time - nothing to disconnect or unhook
- Eliminates exhaust fumes that re-enter the building as vehicles leave and return from call
- Made in U.S.A.

BENEFITS FOR EMS FACILITIES:

- The same benefits as fire departments, plus
- Maintains internal temperature to protect temperature-sensitive medical equipment
 - Provides clean, safe environment for workers and patients
 - Eliminates particulate residue or contaminants on medical equipment
 - Able to install within low-ceiling area
 - Reduces emergency response time - nothing to disconnect or unhook
 - Flexible - vehicles may park in any bay



Note: Specifications listed above may be modified to suit application. contact D.A.S. or representative for information.

Diversified Air Systems, Inc.

10801 Electron Drive, Louisville, Kentucky 40299

Toll free: **(800) 264-8958**

Tel.: **(502) 267-0333** • Fax: **(502) 267-4241**

Website: www.diversair.com • email: info@diversair.com

MAXFLO D30 UV FEATURES

This model features the latest in air filtration technology. The D-30UV incorporates a **multi-stage** filtration process. Multi-stage filtration is paramount to performance in the firehouse/emergency vehicle environment. MAXFLO provides a very cost effective solution for this environment.

Stage 1 - is a 4' common pleated filter used to economically capture the larger particles in the air while keeping the cost of the filter to an absolute minimum. This filter can be changed most often with the least cost.

Stage 2 - is a 15" long 12 pocket 95% ASHRAE bag filter which handles the largest share of the particulate filtration process. The bag filter is readily available economical to replace on a regular basis.

Stage 3 - is a 2" activated granular charcoal filter which starts the process of adsorption of gaseous air contaminants by bonding to the magnificent molecular structure of the carbon surface. Adsorption is the best method for reducing VOC's and odors in the air.

Stage 4 - is a 14" AHPCO™ Module. This stage incorporates the latest in Ultraviolet (UV) light radiation and Photo Catalytic Oxidation (PCO) to destroy molds, bacteria, and toxic organic compounds. Simply adding a UV lamp to a filter system will not achieve the same results. PCO is required to clean the air. This stage completes the entire process of cleaning your air of particles, gases, and toxic compounds suspended in the air you breathe in your shop.

The Air Oasis air purifier technology converts ozone into four additional ions: hydroxyl, hydro peroxide, super oxide and ozonide ions. By utilizing redundant oxidizers you receive greater benefits than that of ozone alone without the harmful side effects of an ozone air purifier.

The Air Oasis module utilizes true nano technology in their patented quad Nano Xtreme™ catalyst. The quad Nano Xtreme™ catalyst coating utilizes the power of five strong catalyst metals as well as a hydrating agent making this catalyst the most effective on the market today. The particles of the metals were reduced down to a nano-size in order to increase the surface area and therefore increase the kinetic rate of reaction.

SPECIFICATIONS OF THE MAXFLO-D30UV SERIES

Cabinet:	16 Gauge Cold-rolled Steel
Finish:	Circuit Blue Polyester Powder Coating - chemical and scuff resistant
Size:	72" L x 24" W x 24" H
Weight:	205 lbs.
Power:	115 Volts AC 11.0 Amps including AHPCO™ UV Modules
Motor:	3/4 HP PSC with internal thermal overload protection with restart
Switch:	Two Speed - High/Off/Low - rocker style
Blower:	10 x 10 Direct Drive Centrifugal Forward Curve
Capacity:	Max 3000 CFM
Grill:	Four way individually adjustable blades
Filters:	4" Pleated Prefilter (2 qty) 15" L x 24" W x 24" T 12 pocket bag filter 95% ASHRAE (2 qty) 2" Activated Charcoal pellet filter 24" W x 24" T (2 qty) 14" Air Oasis AHPCO™ UV Module (2 qty)
Gage:	Magnehelic Pressure Gage (shows when to change filters)
Warranty:	1 year on all parts except filters and media

Made in USA
1 YEAR LIMITED WARRANTY
CALL TODAY : 800-264-8958