

MODUL-AIRE™

UV
HIGH OUTPUT SERIES

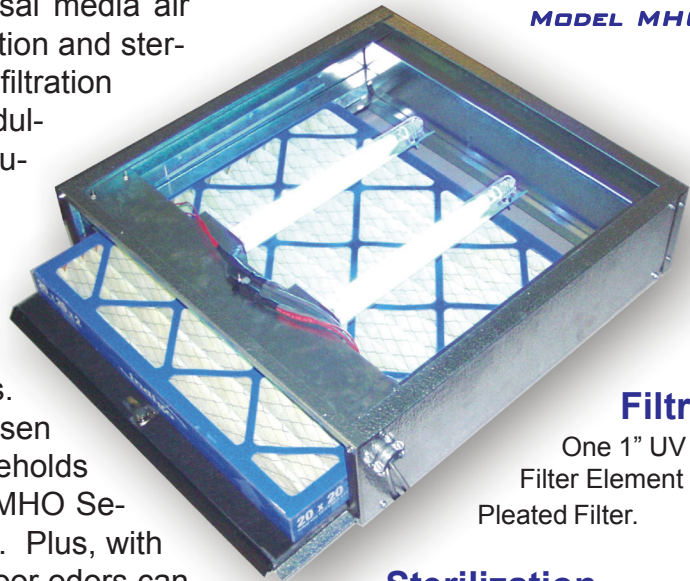
Whole House
Germicidal Filtration
Systems

ADVANCED MODULAR GERMICIDAL MEDIA AIR CLEANERS

FILTRATION MEETS STERILIZATION - IN ONE HOUSING!

The Modul-Aire systems by Triatomic are universal media air cleaners designed to encompass a variety of filtration and sterilization combinations to provide a whole house filtration and sterilization package - in one housing. The Modul-Aire Systems can be configured to suit your particular customers' indoor air requirements.

Built within the size of a standard media air cleaner, the Modul-Aire can be combined with various choices of filtration efficiencies from MERV 6 to MERV 11 to suit your customers needs. In addition, the amount of sterilization can be chosen from standard output (MF Series) for typical households with light biological contamination to high output (MHO Series) for higher biological contamination scenarios. Plus, with the addition of the Odor-Splice option, typical indoor odors can be greatly reduced.



MODEL MHO-M

Filtration

One 1" UV Reactive Filter Element or One 2" Pleated Filter.

Sterilization

Two Tandem Mounted UV Lamps.

FEATURES

- **UV and Filter Combination** Provides Both Airborne Sterilization and Filter/Surface Disinfection All In One.
- Electronic **High Efficiency Ballast Design** for Optimum Lamp Performance.
- Sizes Available in **17, 20 and 25" Wide Cabinets.**
- **Odor-Splice™ Lamp** Option for the Reduction of Odors.
- **Various Configurations Available** to suit your Customers Needs.
- **Filter Media is Designed with a UV Reactive Media** to Increase the UV Lights Reactivity with the Airstream.
- **Shielded Filament Design** Provides Stable Lamp Operation and Extended Lamp Life.
- Easily installs in the Return Air.

BENEFITS

- **Reduces Household Odors, Germs and Viruses** from the Central Air System.
- **Controls Mold and Fungus Growth** inside the Air Handling System.
- **Neutralizes Allergens** Trapped in Filter Media.
- **Improves Air Handler System Performance.**
- **Lifetime Warranty.**
- **Prevents the Growth of Micro-Organisms** Providing a Healthier Indoor Air Environment.

SELECTION GUIDE



MHO-S= Standard Efficiency

System Includes - 1" UV Reactive Filter Element and (2) UV Lamps.

Suggested Application - Moderate Indoor Air Contamination Scenarios where Moderate Capacity Filtration / Sterilization and Maintenance is required. Examples - Small Pets, Moderate Dust Production, Light to Medium Odors.



MHO-M - Moderate Efficiency

System Includes - 2" Pleated Filter and (2) UV Lamps.

Suggested Application - High Indoor Air Contamination Scenarios where High Capacity Filtration / Sterilization and Maintenance is Required. Examples - Seasonal Allergies, Large Pets, Children, Moderate to Heavy Dust Production, Medium to Heavy Odors.

MODEL NOMENCLATURE

MODEL #
TUV-200D-I-03-MHO-M20G

LAMP SERIES

100 = 100 Series
200 = 200 Series

LAMP OPTIONS

O3 - Odor Splice Option

MODUL-AIRE UV

SERIES MHO w/ HIGH OUTPUT UV


FILTRATION EFFICIENCY

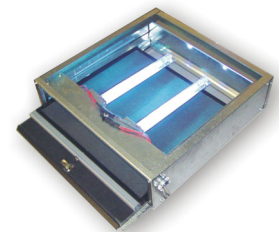
S = Standard
M = Moderate Efficiency

HOUSING SIZES

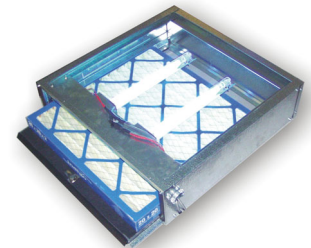
16 = 18.5" w x 22" d
20 = 22.5" w x 22" d
25 = 26.5" w x 22" d
G = Gas Furnace Stack Depth (28"D)
S = Side Return
(one size only 16" x 25")

SPECIFICATIONS

MODEL SERIES	MHO-S Standard Efficiency	MHO-M Moderate Efficiency
Filter Media	1" UV-Reactive Filter Element w/ MERV 6 Tacified UV Reactive Filter Media	2" Pleated MERV 8 Filter
Filter Housing Dimensions	18.5", 22.5" or 26.5" w x 22" d x 6" h Also available in gas furnace stack depths and side return sizes	18.5", 22.5" or 26.5" w x 22" d x 6" h Also available in gas furnace stack depths and side return sizes
Electrical  3032782	Multi-Voltage 120-277 VAC	Multi-Voltage 120-277 VAC
Power Supply Features	Standard - Remote Mountable Weatherproof Power Supply	Standard - Remote Mountable Weatherproof Power Supply
Lamp Type	Standard - (2) 100 Series 1 Year Lamps Un-shielded Quartz Hot Filament Type	Standard - (2) 100 Series 1 Year Lamps Un-shielded Quartz Hot Filament Type
Lamp Options	Odor Splice Option (-O3 in Part #) 200 Series 2 Year Lamp	Odor Splice Option (-O3 in Part #) 200 Series 2 Year Lamp
Guaranteed Effective Lamp Life	1 Year	1 Year
Warranty	1 Year Lamps Lifetime Power Supply & Filter Housing	1 Year Lamps Lifetime Power Supply & Filter Housing



**Model MHO-S
w/ 1" UV Reactive Filter Element**



**Model MHO-HE
w/ 2" High Efficiency Pleated Filter**



MANUFACTURED BY:
TRIATOMIC ENVIRONMENTAL, INC.
800-741-1195, 561-748-4864
FAX: 561-748-4865
SALES@FRESHFAIREUV.COM
WWW.FRESHFAIREUV.COM

AVAILABLE FROM: