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Model Number: F415

Drieaz F415 DOP Stage 2 HEPA 500 PreFilter Each

Manufacturer: Drieaz

Drieaz DOP Stage 2 HEPA 500 Pre-Filter F415 Each

Gives the DefendAir HEPA 500 first-pass filtration efficiency

The addition of the DOP filter makes the DefendAir HEPA 500 a high efficiency three-stage air filtration unit, ready for any sensitive job requiring first-pass HEPA filtration. With the standard pre-filter, DOP Stage 2 pre-filter and the HEPA primary filter installed, the HEPA 500 passes laboratory DOP testing conducted per ANSI standards, achieving an efficiency rating of 99.97% against oily aerosol particles down to 0.3 microns.

Install the DOP filter between the standard pre-filter and the HEPA primary filter.

For highly effective odor removal, use the Activated Carbon Filter together with the DOP filter. Simply replace the paper pre-filter with the carbon filter.

DOP stands for "Dispersed Oil Particulate," the name of a standard procedure for testing the effectiveness of HEPA filtration. The DOP test introduces a dense cloud of extremely fine particulates into the filter under controlled conditions. DOP testing is often conducted in specific types of stringent air quality control job sites that require first-pass HEPA filtration.

#### Product Features

- Passes laboratory DOP testing when installed as part of three-stage filtration process
- Equips the HEPA 500 for a wide range of environments that require first-pass high efficiency air filtration.

#### Safety Information

##### Introduction

The addition of the DOP filter makes the DefendAir HEPA 500 a high efficiency three-stage air filtration unit. With the standard pre-filter, DOP Stage 2 pre-filter and the HEPA primary filter installed, the HEPA 500 passes laboratory DOP testing conducted per ANSI standards, achieving an efficiency rating of 99.97% against oily aerosol particles down to 0.3 microns.

**NOTICE:** Because transport may cause damage to units or filters, job site testing should be conducted to confirm an individual unit's compliance with DOP testing standards for HEPA efficiency appropriate to specific job settings.

Installing the DOP filter

**WARNING CONTAMINATION HAZARD.** Always wear an appropriate

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NIOSH-approved respirator and personal protective equipment when removing or replacing filters, or when cleaning the DefendAir HEPA 500.

For best results, install the DOP filter between the pre-filter and the HEPA primary filter. This will help to extend the life of the DOP filter and the HEPA filter.

To install the DOP filter,

1. Loosen the inlet four panel latches.
2. Remove the inlet panel.
3. Remove the pre-filter (if installed).
4. Insert the DOP filter.
5. Replace the pre-filter on top of the DOP filter.
6. Replace the inlet panel and re-fasten the four latches

#### Maintenance

When using the DefendAir HEPA 500 for general air filtration  
After every job

Inspect pre-filter before each use. Look for accumulated dust and dirt that could restrict airflow through the filter into the unit. If any is visible, change out the pre-filter. If dirt is visible on the DOP filter, change it as well.

Replace the HEPA filter when the Change Indicator Light comes on.

When using the DefendAir HEPA 500 for remediation, i.e., in the presence of potentially harmful particulates:

After every job

Replace all three filters to prevent cross-contamination.

Clean the unit thoroughly (vacuum and damp wipe per IICRC S520, 10.11) after each job before removing it from the containment area to avoid cross-contamination.

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Drieaz: HEPA 500 Activated Carbon Filter (Case of 4) F397

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Drieaz: HEPA 500 First Stage Pre-Filter (Case of 12)

Drieaz  
F271

Drieaz: HEPA 500 Second Stage Pre-Filter (Case of 12)

Drieaz F415 DOP Stage 2 HEPA 500 Pre-Filter

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*Availability: This product was added to our catalog on Thursday 11 October, 2012*