

# FlushMount1000D

## USER MANUAL



**MATRIX**air  
a division of Sol-Air

## READ AND SAVE THESE INSTRUCTIONS

### Warnings

1. Always unplug or disconnect the air cleaner from power supply before servicing.
2. To reduce the risk of electric shock or injury to persons, do not expose to water or rain, do not use in a window.
3. Do not use this fan with any solid state speed control device.

### Equipment



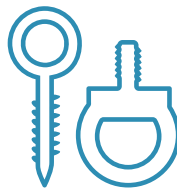
The FlushMount1000D has a (10) foot power cord and a three prong grounded plug. Electrical: 120 volts, 4.3 amps.



Each unit includes a years supply of filters which consists of twelve (12) Pre-Filters, six (6) Carbon Filter, and one (1) Galvanized HEPA Filter.



Each unit is equipped with industrial hanging wire for easy installation.



Each unit is equipped with two (2) eye bolts, two (2) eye lags.

### Installation: For Drop Ceiling

We recommend installation be performed by a licensed contractor, licensed electrician or equivalent.

**STEP 1** Remove the system from the shipping container , remove extra filters located in HEPA end of unit. Wire, eye bolts, and lags are in between layers of Pre-Filter. Remove adjustable exit louver, loosen thumb screws, remove the HEPA bar and slide out HEPA filter. Removing the HEPA filter will make the system lighter for installation purposes.

**STEP 3** Remove the ceiling tile(s). The system will fit into either one 2x4 or two 2x2 tiles.

**STEP 2** On either side of the system there are two mounting holes where the eye bolts are inserted. It is easiest to screw the eye bolts into these mounting holes before mounting the unit into the ceiling. If the area above the drop ceiling is tight for space, then the eye bolts may need to be placed in the mounting holes after the system is in the drop ceiling.

**STEP 4** If the system is being installed into a drop ceiling that has joists, steel girders or exposed beams above the unit it can be hung without the eye lags (see step 5). At least one eye lag will be needed if the system is being installed into a ceiling that is solid above (see step 6).

## STEP 5

Locate either a joist, girder or beam that is directly above the tile where your system will be installed. After you have located it, drape the industrial hanging wire over the apparatus so either side is evenly dispersed. To fit Unit into ceiling, have it on its side. Lift up through the desired opening, leveling it out as the unit goes through until the other side clears grid, then slide the unit back over and down into grid, always supporting the motor end which is the heaviest. While still supporting the unit, install eye bolts into unit.

## STEP 6

Thread one end of hanging wire through one of the eye bolts, loop the wire and twist tightly. Thread the opposite end of the hanging wire through the opposite eye bolt. Pull the wire tight. The system should be only slightly resting on the grid of the drop ceiling. After the weight of the unit is adjusted on the grid work, loop the wire, twist tightly together and repeat same for other eye bolts. Once secure, install your filters back into the system. The HEPA Filter should be snug. Replace HEPA bar and tighten thumb screws and install adjustable exit louver.

## Filter Changing\*

Pre-Filter: Replace every 3 to 4 weeks.

Carbon Filter: Replace at least every 2 months.

HEPA Filter: Replace at least every 12 months.

### Pre-Filter

The Pre-Filter is located behind the intake door (service door). The Pre-Filter is a white polyester media. The intake door is located closest to the switch on the face of the system. Unclip the two latches on the intake door and the door will swing down. The Pre-Filter is the first filter behind the intake door. Peel away dirty Pre-Filter and discard. Install the new Pre-Filter. Close door.

DO NOT WASH PRE-FILTERS.

### Carbon Filter

The Carbon Filter is located behind the Pre-Filter. Follow Pre-Filter changing instructions from Step 1. Remove used Carbon Filter, discard and replace with new Carbon Filter.

DO NOT WASH CARBON FILTERS.

### HEPA Filter

Remove the adjustable exit louver. Remove the thumb screws and the HEPA bar. The HEPA Filter is a pleated media surface with a galvanized frame. Slip the HEPA Filter out of the system, discard and replace with new HEPA Filter. Replace bar tightly and re-install adjustable exit louver.

DO NOT WASH HEPA FILTER.

\*Air Cleaner location and Filter maintenance may vary according to each situation.

# MATRIXair

a division of Sol-Air

800.426.2611

[matrixair.com](http://matrixair.com)

[info@matrixair.com](mailto:info@matrixair.com)

