

# FlushMount516

## 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 FlushMount516 has a (10) foot power cord and a three prong grounded plug. Electrical: 120 volts, .74 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.

### Installation

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

**STEP 1** Remove the system from the shipping container and remove all 3 filters.

**STEP 2** After deciding location and direction of air flow, locate the studs between which the unit will be positioned.

**STEP 3** Mark out the area where the ceiling will be cut. (Min 47" x 14 ½")

**STEP 4** Remove the piece of ceiling that has been cut, and remove all screws, nails, etc. from the cut out area.

**STEP 5** At this time, locate an electrical source from above the cut out area, and plug in the unit.

**STEP 6** Raise unit into the ceiling. Leave the unit protruding from the ceiling depending on the thickness of the molding that you are using to frame out around the unit.

**STEP 7** From inside the unit, screw unit to studs. Position the screws as close to the top of the studs as possible. This makes the removal of the HEPA Filter easier. Use a 1 ½" to 2" Phillips pan head screws and fender washers for stability. Use 2 screws in each quadrant for support.

**STEP 8** Replace HEPA Filter, carbon filter and Pre-Filter, then install HEPA bar and egg crate grill. Then finish by framing the unit in your choice of material. (See step 7)

## Filter Changing\*

Pre-Filter: Replace every 3 to 4 weeks.

Carbon Filter: Replace at least every 2 months.

H.E.P.A. Filter: Replace at least every 12 months.

### Pre-Filter

The Pre-Filter is located behind the intake grill. Remove the intake grill by simply pushing up on the grill and removing at an angle. The intake grill is located on the opposite end of where the label is found. The Pre-Filter is a blue and white polyester, Pre-Tack Filter. The Pre-Filter is the first filter behind the egg crate. Peel away dirty Pre-Filter and discard. Install the new Pre-Filter with the white side out. Replace intake grill.

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

The HEPA Filter is a pleated media surface with a galvanized aluminum frame located behind the Pre-Filter and Carbon Filter. Slip the HEPA Filter out of the system, discard and replace with new HEPA Filter.

DO NOT WASH HEPA FILTER.

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

## About Us

Since 1983, MatrixAir has manufactured safe and efficient air filtration systems based on a simple, highly effective approach—a triple layer of environmentally-safe filters, proven effective in treating indoor odors, pollutants and contamination.

Since our humble beginning with two models, we now manufacture over 19 products to safely purify indoor air—from portable home-office systems to workhorse whole-house and industrial units. MatrixAir currently provides air filtration products to thousands of businesses including many well known national and international chains ... and to thousands of homeowners and local businesses that want to bring their customers clean indoor air.

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