



OWNER'S MANUAL
MARK-SERIES SURFACE MOUNT
COMMERCIAL AIR CLEANERS

INSTALLATION & SERVICE MANUAL

For Models
SuperSlim | Muscle Machine MM-800
MARK-10 | MARK-15 | MARK-20
MARK-10-V | MARK-15-V | MARK-20-V | MARK-25

Our Smoke Eaters Can Accomodate Your Smoking Preference....



Cigarette Smoke



Cigar Smoke



E-Cig & Vape Smoke



Hookah Smoke

MARK-SERIES COMPARISON CHART

Model	SuperSlim	MM-800	MARK-10	MARK-10-V	MARK-15	MARK-15-V	MARK-20	MARK-20-V	MARK-25
									
				V-BANK Version		V-BANK Version		V-BANK Version	V-BANK Version
Capacity*	200 Ft ² 1,600 Ft ³	250 Ft ² 2,000 Ft ³	400 Ft ² 4,000 Ft ³	400 Ft ² 4,000 Ft ³	600 Ft ² 6,000 Ft ³	600 Ft ² 6,000 Ft ³	800 Ft ² 8,000 Ft ³	800 Ft ² 8,000 Ft ³	800 Ft ² 8,000 Ft ³
CFM (Low High)	150	275 375	650 850	650 850	1,050 1,250	1,050 1,250	1,250 1,650	1,250 1,650	1,250 1,650
Sound @ 5' (Low High)	58 d(B)A	58 d(B)A 60 d(B)A	64 d(B)A 68 d(B)A	64 d(B)A 68 d(B)A	65 d(B)A 68 d(B)A	65 d(B)A 68 d(B)A	67 d(B)A 70 d(B)A	67 d(B)A 70 d(B)A	67 d(B)A 70 d(B)A
Dimensions (L x W x H)	22" x 24" x 7"	23" x 24" x 12"	35-1/2" x 25-1/2" x 13"	35-1/2" x 25-1/2" x 13"	35-1/2" x 25-1/2" x 17-1/2"	35-1/2" x 25-1/2" x 17-1/2"	36" x 25" x 25"	36" x 25" x 25"	47-1/2" x 25" x 25"
Electrical	.74 Amps 120V 60 Hz	2.1 Amps 120V 60Hz	4.2 Amps 120V 60Hz	4.2 Amps 120V 60Hz	6.2 Amps 120V 60Hz	6.2 Amps 120V 60Hz	9.0 Amps 120V 60Hz	9.0 Amps 120V 60Hz	10.3 Amps 120V 60Hz
Weight	50 lbs.	60 lbs.	100 lbs.	120 lbs.	125 lbs.	145 lbs.	167 lbs.	187 lbs.	200 lbs.
Max Installation Height	7' – 8'	7-1/2' – 9'	9' - 10'	9' – 10'	10' - 12'	10' – 12'	12' or higher	12' or higher	12'-14' or higher
Install Options	Ceiling Mount or Wall Mount								
Cabinet	White, Black, Cherry or Woodgrain Finish								
Electrical & Wiring	120V 60 Hz 8-foot - 3 Prong Grounded Plug for Easy 'Plug & Play' set-up. Can also be hard-wired. Optional remote control is available for the following models only; MM-800, MARK-10(V), MARK-15(V), MARK-20(V), MARK-25								
Media	(12) Pre-Filters (6) Carbon Filters (1) 6" HEPA Filter	(12) Pre-Filters (6) Carbon Filters (1) 6" HEPA Filter	(12) Pre-Filters (6) Carbon Filters (1) 12" HEPA Filter	(12) Pre-Filters (1) 18# Carbon V-Bank (1) 6" HEPA Filter	(12) Pre-Filters (6) Carbon Filters (1) 12" HEPA Filter	(12) Pre-Filters (1) 18# Carbon V-Bank (1) 6" HEPA Filter	(12) Pre-Filters (6) Carbon Filters (1) 12" HEPA Filter	(12) Pre-Filters (1) 18# Carbon V-Bank (1) 6" HEPA Filter	(12) Pre-Filters (12) Carbon Filter Pads (1) 36# Carbon V-Bank (1) 12" HEPA Filter
Warranty	1 Year's Manufacturer's Warranty								
Certifications	Fan motor and all electrical components are UL Listed and CSA Certified								
Installation Hardware	(4) eye-bolts pre-installed 16" on center on top of each unit for easy installation (4) "S" hooks (4) eye lags Industrial hanging wire.								

NOTE: (Capacity is configured at a ceiling height of 10-feet.) Capacity is not only dependent on the square footage or cubic footage. It is also dependent on number of people (smokers), type of smoke, ability to open doors/windows, airflow capabilities, temperature & humidity levels. Under-sizing your application will result in filters loading quickly and motor/blower stress. Please discuss your specific application with your Pure n Natural rep.



PLEASE 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.
4. **It is highly recommended that a licensed electrician or licensed HVAC contractor install units.**

INSTALLING YOUR MARK-SERIES AIR CLEANER

EQUIPMENT

The MARK-SERIES air cleaners are equipped with (4) eye bolts pre-installed 16" on center on the top of each unit. Also included are (4) eye lags, (4) "S" hooks and industrial hanging wire. These units can be plugged in or hard wired. Each unit includes a 1-year supply of filters which consists of twelve (12) pre-filters, six (6) carbon filters, or (1) Carbon V-Bank filter, and one (1) metal-wrapped HEPA filter.



INSTALLATION FOR SOLID CEILINGS

Step 1. Locate studs in the ceiling. Eye bolts on systems are sixteen inches square. Screw in the four eye lags provided into the studs. Attach the four S hooks to the eye lags and close the S hooks around the eye lags to secure. You can also hang the unit(s) down from the ceiling with the industrial hanging wire included, or with chains. Raise system and attach to the four eye bolts with the open end of the S hooks. Close the S hooks around the eye bolts (or chains, depending on your hanging hardware).

INSTALLATION FOR DROP CEILINGS

Step 1. Remove tile from ceiling grid.

Step 2. Unit can be secured to beams, rafters or joists above the drop ceiling. Thread the industrial hanging wire provided through one eye bolt and twist wire together. Make sure the wire is tight. Eye bolts on the systems are sixteen inches square. Next, take the wire and go up and over a beam, rafter or joist letting the wire hang so it can be twisted to the opposite eye bolt. Repeat procedure with remaining two eye bolts.

Step 3. In a case where there are no beams, rafters or joists, the unit needs to be secured to the main structure above the drop ceiling. There are four eye lags provided to screw into the main structure. Eye bolts on the systems are sixteen inches square. Thread hanging wire provided through one eye bolt and twist wire together. Make sure wire is tight. Thread loose end of wire through two parallel eye lags in the main structure. Twist the loose end of wire to opposite eye bolt. Repeat procedure with remaining eye bolts and eye lags.

Step 4. Hang so that the top of the system will be flush with the drop ceiling. Therefore, you will not see any of the hanging apparatus. Fill any gap in the drop ceiling by cutting down the ceiling tile, removed at the beginning of the installation, to the correct measurement and inserting back into the grid.

For units with factory installed remote controls: Units are equipped with a remote transmitter and receiver (2 included key fobs). The key fobs are programmed to work ONLY with the unit they were programmed to. (For multiple units, each key fob is tagged with a corresponding number also found on the air cleaner.) In order for the remote-control key fob to work properly, please keep the rocker switch on the unit in the **OFF** position. If your key fob(s) get lost or misplaced, you can control the air cleaner by using the rocker switch on the air cleaner.



FILTER MAINTENANCE

The intake door is located closest to the HI/OFF/LO switch on the face of the system. Remove the pins and grill from the air intake side of unit.

Pre-Filters - Each system comes with (12) pre-filters which should be replaced, on average, every 3 to 4 weeks. PRE-FILTERS CANNOT BE WASHED.

The Pre-Filter removes larger particles such as lint, hair, dust, and pollen. Not only does it remove the larger particles, it also helps prolong the life of the HEPA filter in the system. The Pre-Filter is the first filter behind the intake door. Peel away dirty Pre-Filter and discard. Install the new Pre filter with the white side out. Close door.



Carbon Filters – The SuperSlim, Muscle Machine, MARK-10, MARK-15 & MARK-20 units come with (6) carbon filters which should be replaced, on average, every 2 months. (The MARK-25 includes (12) carbon filters.) CARBON FILTERS CANNOT BE WASHED.

Carbon removes odors by adsorbing the odor molecules into the filter. Since activated carbon can only adsorb a certain amount of molecules, it will begin releasing the trapped molecules, once it is full, back into the air if not properly maintained. Thus, proper maintenance of the carbon filter is required to keep your environment fresh & clean smelling. The carbon filter is located behind the Pre-Filter. Follow the pre-filter changing instructions from Step 1. Remove Carbon Filter, discard and replace with new Carbon Filter.



Carbon V-Bank Filter – The MARK-10-V, MARK-15-V & MARK-20-V units come with (1) 18 lb. carbon V-Bank filter. The MARK-25 comes with (1) 36 lb. V-Bank. V-Bank filters should be replaced, on average, every 12 months. V-BANK FILTERS CANNOT BE WASHED.

The Carbon V-Bank Filter is an excellent choice when the need to control tobacco smells is required - including cigar & cigarette smoke odors, and marijuana odors. Activated Carbon removes odors by adsorbing gases & VOC's into the porous carbon granules. It can hold many times its weight in odor molecules. However, once carbon becomes "saturated" it loses its efficiency. Thus, proper maintenance of the carbon filter is required to keep your environment fresh & clean smelling. The carbon V-bank filter is located behind the Pre-Filter. Follow the pre-filter changing instructions from Step 1. Remove carbon v-bank filter, discard and replace with new carbon v-bank filter.



HEPA Filter - Each system comes with (1) HEPA filter which should be replaced, on average, once per year. HEPA FILTERS CANNOT BE WASHED.

The HEPA filter removes the very small particles, such as smoke (tobacco, burning wood, oil, rosin), dust mites, spores, mold spores, pollen, spray paint, spray paint dust, ashes, cement dust, auto emissions, textile fibers, fiberglass, hairspray, insecticide dust, copier toner and most viruses just to name a few. The HEPA filter is extremely important for superior air filtration and when used and maintained properly it will dramatically improve your indoor air quality. The HEPA Filter is a pleated media surface "box" filter with a metal frame. It's located behind the pre-filter and carbon filters. Slip the HEPA Filter out of the system, discard and replace with new HEPA Filter.



Filter maintenance may vary according to each situation.

ALWAYS USE REPLACEMENT FILTERS & PARTS FROM PURE N NATURAL.

TO ORDER REPLACEMENT PARTS CALL 1-800-237-9199 OR VISIT PURENNATURAL.COM

Purchase Date:	Serial Number:	Model #:	
HEPA (Annual Filter Kit) Purchase Date	___ / ___ / _____	HEPA (Annual Filter Kit) Purchase Date	___ / ___ / _____
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