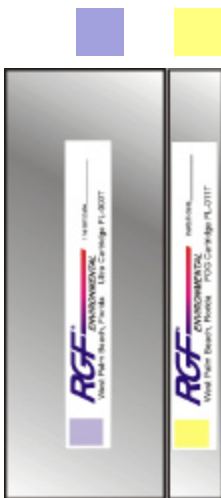


Cartridge Selection for the APS by RGF



The APS has a total cartridge capacity of 4". This large capacity allows the user to mix and match the different cartridges for specific applications. The APS comes standard with the 1" F.O.G. cartridge (FL-011T), the 2" Multi-Plus cartridge (FL-002T) and a 1" spacer, giving you a total of 4". This standard selection is ideal for moderate particulate and moderate VOC levels encountered in many applications. These may include restaurants, bars, kitchens, cafeterias and other similar areas. Retail price \$148.00

For applications with more specific contaminant concerns the APS can be "tuned" to most customer needs. The following are some examples of specific cartridge combinations.



3" Ultra (FL-003T) with 1" FOG (FL-011T). Fine particulate as well as airborne FOG. [Smoke and cooking by-products smoking bars, fry kitchens, restaurants, etc.](#) Retail price \$252.00



3" Ultra (FL-003T) with 1" Multi Cartridge (FL-001T) Fine particulate prefiltered for large particulate as well as moderate VOCs. [Sanding dust, pet shops, grooming shops, etc.](#) Retail price \$239.00



1" VOC Cartridge (FL-009T) 2" Multi Cartridge Plus (FL-002T) and 1" spacer. Ideal for high VOC and particulate removal. [Nail salons, laboratories, printing plants, funeral homes, etc.](#) Retail price \$195.00



1" Radon Cartridge (FL-010T) 2" Multi Cartridge (FL-002T) and 1" spacer. [Ideal for radon and particulate removal in offices and buildings.](#) Retail price \$195.00



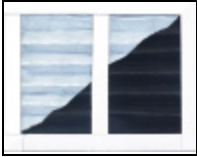
1" Mercury Cartridge (FL-008T) 2" Multi Cartridge (FL-002T) and 1" spacer. [Ideal for removal of airborne mercury and particulate in dental offices and labs.](#) Retail price \$195.00



1" FOG Cartridge (FL-011T) 2" Multi Cartridge Plus (FL-002T) and 1" VOC Cartridge FOG removal particulate removal; as well as VOC removal. [Ideal for industrial manufacturing environments.](#) Retail price \$267.00

APS Cartridge Description

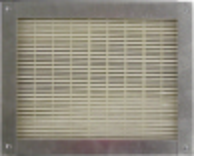
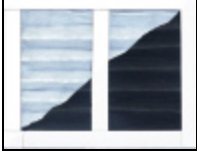
Color Code



Multi Cartridge Part # FL-001T and Multi Cartridge Plus Part # FL-002T

These general-purpose absorbers are an effective solution to moderate odor and particulate concerns. Airborne particulates are trapped on the inlet side of the absorber. The filtered air then passes through a unique carbon impregnated pleated layer. This design provides a cost effective solution to every day odor and particulate concerns. Available in 1" (FL-001T) and 2" (FL-002T) cartridges.

*Both sides shown for illustration purposes



Ultra Cartridge. Part # FL-003T

A 3" deep pleated cartridge for ultra fine particulate removal. Designed to meet ASHRAE test standards for 95% efficiency for particulate removal/absorption (near HEPA efficiency). Utilizes a copper/silver process for control of microbials usually associated with conventional filters.



Mercury Cartridge. Part # FL-008T

A media blend of natural elements that absorbs airborne mercury vapors. Ideal for labs, dental offices and industrial offices. 1" cartridge is refillable using bulk media FL-007T (1.6 lbs)



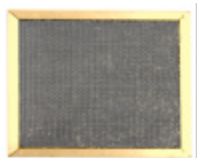
VOC Cartridge. Part # FL-009T

A blend of natural elements and polymers that absorb airborne chemical fumes and VOC's such as smoke, solvents, oils, etc. Ideal for beauty and nail salons, restaurants and bars or anywhere industrial solvents are used. 1" cartridge is refillable using bulk media FL-016T (2.1 lbs)



Radon Cartridge. Part # FL-010T

A blend of natural elements poly activated for efficient absorption of radioactive radon gas. Designed for basements or offices with radon problems. 1" cartridge is refillable using bulk media FL-005T (1.5 lbs)

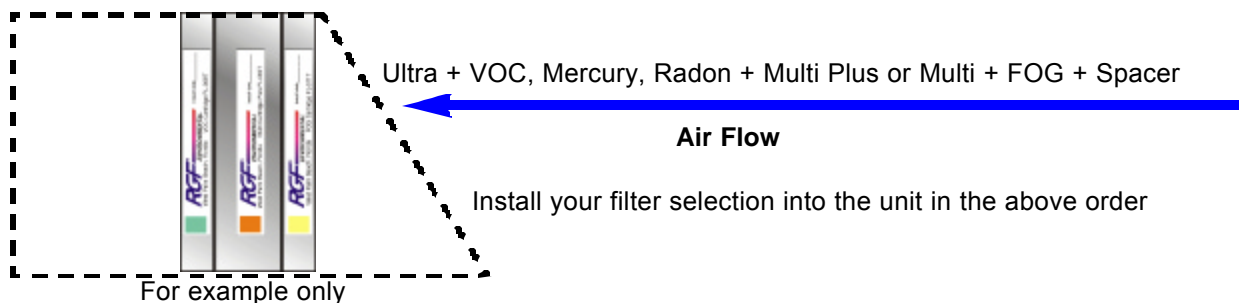


FOG (fats, oils and grease) Cartridge. Part # FL-011T

A proprietary coalescing polymer with oiliphilic properties, acts as a FOG magnet. The FOG cartridge has the ability to absorb airborne FOG's to the sub-micron level. Cooking with FOG's will vaporize these pollutants into airborne health hazards. A unique copper/silver process controls media bacteria and mold growth on cartridge surfaces. Washable for reuse



When installing absorbers, it is recommended to place the Ultra Cartridge in the unit first followed by the VOC, Radon or Mercury Cartridge. These would then be followed by the Multi Filters, then the FOG filter, and the last would be the spacer (if used.) This arrangement will clean the air of larger contaminants as they move through the unit, maximizing unit efficiency and filter life.



APS Cartridge Application Guide

	FOG	Ultra	Multi	Multi Plus	VOC	Mercury	Radon
Restaurants	X	X	O	X	X	O	O
Bars	X	X	O	X	X	O	O
Animal Hospitals	O	X	X	X	X	O	O
Dentists	O	X	X	X	X	X	O
Banquet	X	O	X	X	O	O	O
Nursing Homes	X	X	X	X	O	O	O
Beauty Salons	X	O	O	X	X	O	O
Kennels	X	O	O	X	O	O	O
Funeral Homes	O	O	X	X	O	O	O
Nail Salons	X	O	X	X	X	O	O
Pet Shops	X	O	O	X	O	O	O
Industrial Offices	X	O	O	X	O	X	O
Medical Facilities	X	X	X	X	O	X	O
Printing Plants	X	O	O	X	X	X	O
Laboratories	X	X	X	X	X	X	O
Elect/Optical	O	X	X	X	O	O	O
Gyms/Locker Rooms	O	X	X	X	X	O	O
Carpet Cleaners	O	X	X	X	X	O	O
Real Estate Agents	O	X	X	X	X	O	X
Sewage Plants	O	O	X	X	X	O	O
Paint Factories	O	X	X	X	X	O	O
Food Processors	X	X	X	X	X	O	O
Museums	O	X	X	X	X	O	O
HVAC Contractors	X	X	X	X	X	X	X
Banks	X	X	X	X	O	O	O

X Typically can be used in this application

O Use in specific applications when required

Note: The above chart is intended as a guide for typical requirements. Some applications may require typically used cartridges in combination with the specific application cartridges to optimize results.

RGF's APS Mini Cartridge Description

Standard Unit (CAPS-Mini-16) utilizes PHI only, no filters

Dental Unit (CAPS-Mini-D-16) utilizes PHI and comes standard with Mercury Cartridge (FL-013T)

Nail Salon Unit (CAPS-Mini-NS-16) utilizes PHI and comes standard with VOC Cartridge (FL-014T) and a foam pre-filter (FL-017T)

Note: The standard APS Mini may be upgraded as needed, here are the optional cartridges for the unit.



1" FOG (Grease) Cartridge FL-012T

A proprietary coalescing polymer with oilphilic properties, acts as an FOG magnet. The FOG cartridge has the ability to absorb airborne FOG's to the sub-micron level. Cooking with FOG's will vaporize these pollutants into airborne health hazards. A unique copper/silver process controls media bacteria and mold growth on cartridge surfaces.



1" Mercury Cartridge FL-013T

A media blend of natural elements that absorbs airborne mercury vapors. Ideal for labs, dental offices and industrial offices. 1" cartridge is refillable using bulk media



1" VOC Cartridge FL-014T

A blend of natural elements and polymers that absorb airborne chemical fumes and VOC's such as smoke, solvents, oils, etc. Ideal for beauty and nail salons, restaurants and bars or anywhere industrial solvents are used. 1" cartridge is refillable using bulk media



1" Radon Cartridge FL-015T

A blend of natural elements poly activated for efficient absorption of radioactive radon gas. Designed for basements or offices with radon problems. 1" cartridge is refillable using bulk media



Foam Prefilter Clips to 1" cartridge for particulate removal (for use with above cartridges only, not a stand alone cartridge). FL-017T

Note: The APS Mini is a single cartridge unit. Choose the best cartridge based on the primary contaminants for each application.

Distributed by
Airstar Supply / Airstar Filters
A Division of Airstar Solutions, Inc.