



*Innovative
Clean Air
Solutions*

VARI-PAD™

*Pre-filter and Spring Latch
Retaining System*

*Mounts directly onto Airguard Vari+Plus GT high efficiency barrier filters
installed in the reverse flow orientation.*

- *Extends barrier filter life*
- *Space saving design*



UL CERTIFICATES
A4915 A6920

VARI-PAD™

Prefilter and Spring Latch Retaining System

The Vari-Pad is a pocket style prefilter designed exclusively to be installed onto the air entering side of Vari+Plus GT barrier filters operating in the reverse flow orientation. The pockets on the Vari-Pad fit over the four V-bank mini-pleat media packs on the Vari+Plus filter.



Vari-Pad/Vari+Plus GT filters installed in a holding frame with the spring latch retaining system.

Vari-Pad Extends Final Filter Life

The Vari-Pad prefilter removes the larger, heavier particles from the airstream to prevent them from blocking off the air space between mini pleats on the Vari+Plus final filter. Finer particulates are caught in the microglass fibers of the Vari+Plus media.

Keeping the space between adjacent mini pleats open, and depth loading of the media, result in significantly longer service life of the more valuable Vari+Plus filter.

Low Resistance, High Dust Holding Capacity

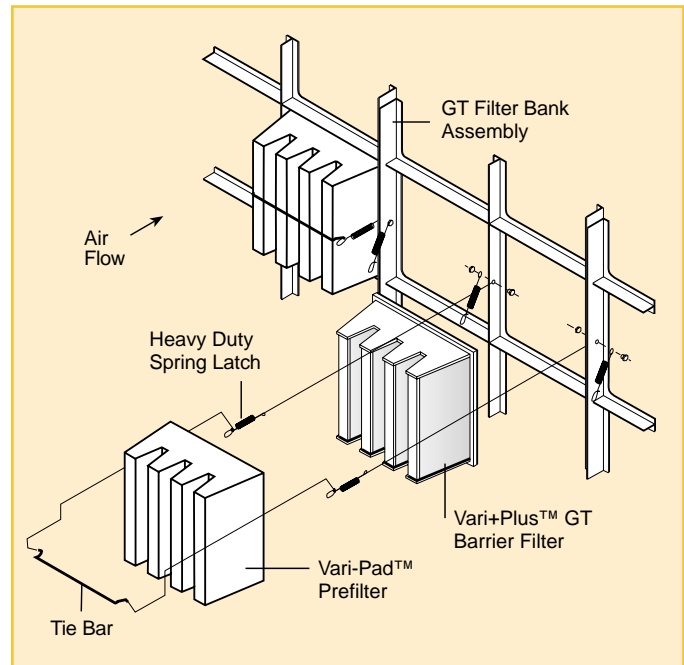
The multi-pocket design of the Vari-Pad results in minimal resistance to airflow. Total dust holding capacity is significantly increased, extending filter life and reducing annual maintenance costs.

Retaining System Simplifies Installation

The retaining system secures the Vari-Pad and Vari+Plus filter in the holding frame. Two spring latches secure the tie bar across the face of the filter assembly without causing abrasion of the filter media.

The Vari-Pad can be easily removed while the system is on-line, without disturbing the final filter. The Vari-Pad is peeled off the Vari+Plus from the air entering side, thus retaining its dust load and avoiding loose surface dust from contaminating the final filter.

The retaining system is installed on the dirty air side of the filter with locking hardware to prevent loosening. The springs and tie bar are made of commercial grade stainless steel (300 Series).



The Vari-Pad prefilter is installed over the Vari+Plus GT barrier filter. The combined unit is secured to the filter bank assembly with the spring latch retaining system.

Space Saving Design

The Vari-Pad is mounted directly onto the air entering side of the Vari+Plus GT filter, eliminating the need for a separate, free standing filter bank.

Filter Upgrades, Reduced Maintenance Cost

The Vari-Pad/Vari+Plus filters and retaining system can be supplied with a new housing or as an economical means of upgrading an existing filter system. By simply replacing awkward, complicated latches, maintenance can be reduced, dust holding capacity increased, initial resistance reduced, service life extended and maintenance costs reduced.

Heavy Duty Construction

The Vari-Pad is produced from thermally bonded, multi-denier polyester fibers with the proper balance of fiber density and compression strength. This allows the media to maintain its full thickness in operation as resistance increases across the filter. The polyester fibers are bonded together with a fire retardant resin to form a high loft blanket of resilient fibers. A pressure sensitive tackifier applied to the Vari-Pad media retains collected particulate. The Vari-Pad end panels are made of poly/cotton twill, double stitched with nylon thread.



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