

Engine Air Filtration

ENGINE INTAKE FILTERS FOR LOCOMOTIVE & MARINE APPLICATIONS

AmerKleen Bag Filters

- High dust holding capacity for extended filter life
- Low initial & operating resistance for improved fuel savings
- Ease of installation & maintenance
- Durable filter housings to protect from the elements

ASC Cartridge Filters

- High-efficiency pleated synthetic-cellulose media
- Exceptional resistance to high humidity conditions
- Sturdy galvanized steel frame construction

PolyKlean™ Blue Filter Pads

- Lightweight & easy to handle
- High dust-holding capacity
- Tough, durable, resilient 100% polyester fibers

AmerKleen Housings

- Holds multiple filters to meet air flow requirements
- Durable, steel construction for long service life
- Protects air filters from harshest of conditions

Contaminants such as dust and fumes can affect the performance of a locomotive or marine diesel engine. Improperly filtered intake air leads to premature wear on the engine, costly repairs, and unplanned downtime.

AAF was the first to create an air filter specifically for the engine market. For over 45 years, the AmerKleen line of bag filters, pad filters, and housings have:

- Provided optimal protection of engines against contaminants in intake air
- Improved the performance of diesel engines in the locomotive and marine industries



Locomotive Filtration

The intake air that a locomotive engine “breathes” needs to be as clean as possible to maximize engine performance, improve fuel efficiency, and protect engine components. Properly filter intake air to prevent premature engine wear and costly downtime, lowering operating costs.

Marine Filtration

Diesel engines play a vital role in providing reliable power in marine applications. Harsh conditions involving wet and dry salt particles, sand, and other contaminants can affect the performance of a diesel engine and cause severe damage. AAF filters provide engine protection in the most adverse environments.



AmerKleen Bag Filters

AmerKleen Bag Filters

The Original Engine Intake Air Filter

- Unique progressive density fiberglass media design provides high dust holding capacity, which extends the service life of the filter
- Filter design offers both low initial & operating resistance for improved fuel savings over standard paper filters
- No special tools or training required to change filters for quick and easy installation

For years, the line of AmerKleen bag filters have been used successfully to clean the intake air for high horsepower diesel engines in locomotive and marine applications around the world. These durable, high efficiency fiberglass filters:

- Help lower operating costs
- Provide longer filter life between scheduled maintenance
- Are ideally suited to clean intake air in the harshest environments

The AmerKleen bag filters are available in two sizes: 1200 CFM and 2500 CFM.

Filters can be used in multiples in one filter housing to meet the air flow requirements of the engine.

The 1200 CFM size offers the same features and benefits of the larger 2500 CFM size, but can be used in smaller compartments that can not accommodate the larger 2500 filter size.



Size	Part Number	Description	Air Flow (CFM)
AmerKleen 1200	125-040-003	AmerKleen Bag Filter, Size 1200 (Standard)	1200
AmerKleen 2500	125-040-002	AmerKleen Bag Filter, Size 2500 (Standard)	2500
	125-040-202	AmerKleen Bag Filter, Size 2500 EL (Extended Life)	
	125-040-102	AmerKleen Bag Filter, Size 2500 High Efficiency (Std)	

High Efficiency Pleats & Filter Pads

ASC Cartridge Filters

Self-cleaning Cartridge Filter

- High-efficiency, synthetic-cellulose media provides exceptional resistance to high humidity conditions
- Self-cleaning media eliminates need for short-term filter changeout
- Durable galvanized steel frame construction to protect the media packs

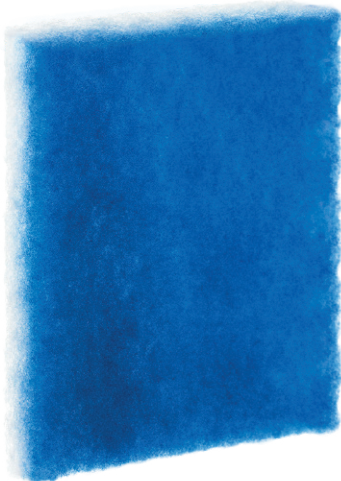
Augmented Self-Cleaning) cartridge filter is a durable, high-efficiency pleated filter designed for high-dust applications.

The ASC uses compressed air to pulse clean the filter, thereby extending its useful life.

The ASC filters are supplied with a molded gasket on the air-leaving face, which creates an airtight seal when the filter is replaced, eliminating air bypass.



Part Number	Size (Nominal)	Qty. per Box	Shipping Wt. per Box	Cubic Ft.
1398544-004	11-1/2 x 40 x 7-9/16 x 4-25/32	1	23.6	2.14
1398544-005	18 x 40 x 7-9/16 x 4-25/32	1	30.0	3.41



PolyKlean™ Blue Filter Pad

Disposable Fiberglass Filter Media Pad

- 1/2", 1", and 2" thickness, blue tint on the air-leaving side
- Blended dual denier fiber construction (1" and 2")
- Pressure sensitive dry tack adhesive on air-leaving side

The PolyKlean™ Blue filter pad is a commercial grade media for medium to heavy dirt loading conditions.

Part Number	Size (Nominal Inches)	Qty. per Box	Shipping Wt. per Box	Cubic Ft.
358-012-600	16 x 25 x 2	20	5.3 lbs	5.35
358-012-700	20 x 20 x 2	20	5.3 lbs	5.35

Diesel Engine Housings and Frames

AmerKleen Housings

AmerKleen filter housings help hold multiple filters to meet the air flow requirements of a locomotive or marine diesel engine. These housings also protect air filters at all times from the harshest of conditions.

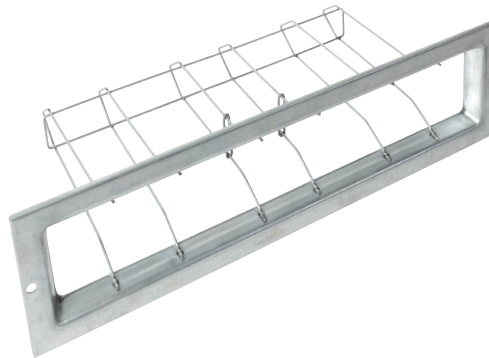
- Durable steel construction for long service life
- Housings equipped with an anti-surge assembly to hold the filters firmly in place to protect from turbo-surge
- Optional high-velocity weather louver available for those marine applications where weather protection is required, such as on deck aboard ships



Ease of Installation

AmerKleen bag filters can be changed quickly and easily without special tools or trained personnel. Simply remove two lock-nuts to remove the sealing frame. The used bag filter slips out, and a new filter is inserted.

Replace the sealing frame and lock-nuts, and the filter is automatically sealed air-tight.



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