

# Genuine Thermo King® Filters

Maximum filter  
effectiveness



# Reduce operating costs while keeping your fleet running **clean.**



- Reduce labor costs associated with frequent filter changes.
- Reduce clean-up and disposal costs.
- Reduce environmental impact with less spillage and waste.
- Extend your engine life with maximum filtration efficiency.
- Free up inventory by reducing the need to stock excess filters.

Thermo King saves you money by engineering specifically-designed filters with unmatched:



**Construction.** Designed uniquely for Thermo King applications, these filters meet your demanding needs.



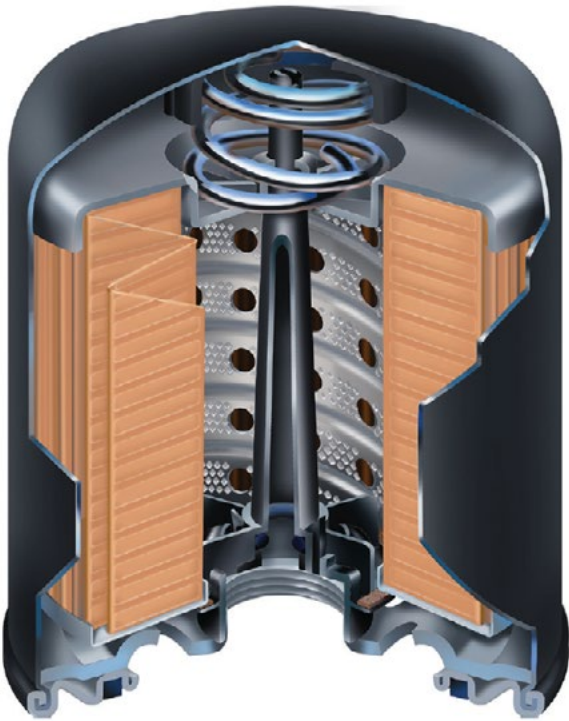
**Capacity.** Increases the life of the filter to match our Extended Maintenance Interval (EMI) for Thermo King units.



**Efficiency.** We maximize the amount of particles that can be captured in the filter to ensure your engine keeps running for a long time.

# Genuine Thermo King Fuel Filters

Offer you maximum protection against the unwanted water and impurities found in fuel.



A fuel filter's job is to trap contaminants large enough to damage the fuel injection system. Damaging water, impurities and contaminants can be harsh enough to oxidize steel components within your engine and ultimately cause corrosion and rust.

## EMI-3000 Fuel Filters

Deliver maximum protection through:

- Coated and lined canisters to prevent corrosion.
- Spring insulator to reduce electrolysis and corrosion inside the can.
- High strength gasket that resists heat and distortion for extended seal life.
- Heavy-duty baseplate with double-roll tuck-lock seam that resists seal leakage due to pressure distortion.
- High strength cellulose/glass media that offers superior contaminate filtering capacity and efficiency.
- Water stripping media that removes water before it can damage the fuel system.
- Heavy-duty, epoxy coated housing is impervious to cracking and corrosion.

**Protect yourself against costly engine repairs or replacement – use only Genuine Thermo King Filters.**

# Genuine Thermo King Oil Filters

Provide your engine maximum protection against dirt and particles that can cause costly damage.



An oil filter's job is to trap contaminants large enough to immediately damage the engine, while also capturing smaller particles (such as soot) that can affect lubrication and efficiency of your engine.

## EMI-3000 Oil Filters

Deliver maximum protection through:

- Designed specifically for Thermo King applications with maximum capacity and efficiency to prevent excessive engine wear and damage.
- High strength gasket that resists heat and distortion for extended seal life.
- Heavy-duty baseplate with double-roll tucklock seam that resists seal leakage due to pressure distortion.
- Spiral center tube that prevents media breakdown to maximize flow.
- Robust cellulose/glass media that offers superior contaminant filtering capacity and efficiency.
- Steel spring that maintains pressure on seal while keeping oil from bypassing filter element.
- Heavy-duty, epoxy coated housing is impervious to cracking and corrosion.

Learn more about filters  
at [thermoking.com](http://thermoking.com)

# Genuine Thermo King Air Filters

Offer ultimate protection against contaminants that can cause damage and reduce fuel efficiency.



## EMI-3000 Fuel Filters

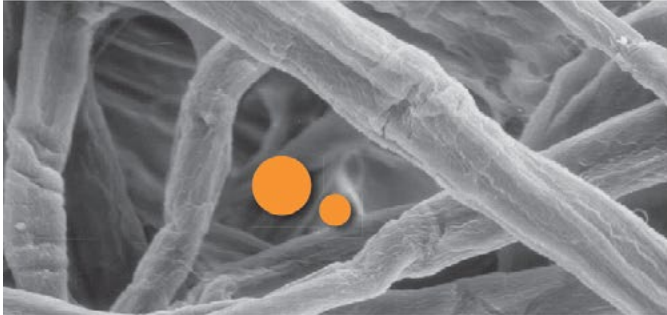
Deliver maximum protection through:

- Built in cyclonic separator that filters heavier particles which get automatically discharged through the evacuation valve, preventing 75% of particles from reaching media.
- Built in sonic choke for intake silencing.
- Unique and patented filter media specially designed for Thermo King units and constructed for on-highway application.
- Thermo King filter media holds up to five times more contaminant than standard cellulose air filters.
- Durable polypropylene housing.

**Protect yourself against costly engine repairs or replacement – use only Genuine Thermo King Filters.**

# EMI-3000 Air Cleaner Assembly & Filter System

Orange circles represent the diameter of a 2 $\mu$  and a 5 $\mu$  particle.



**Cellulose fibers are larger and have larger spaces between the fibers**, causing contaminant to load in the depth of the media and plug the airflow path; resulting in higher restriction and less capacity.

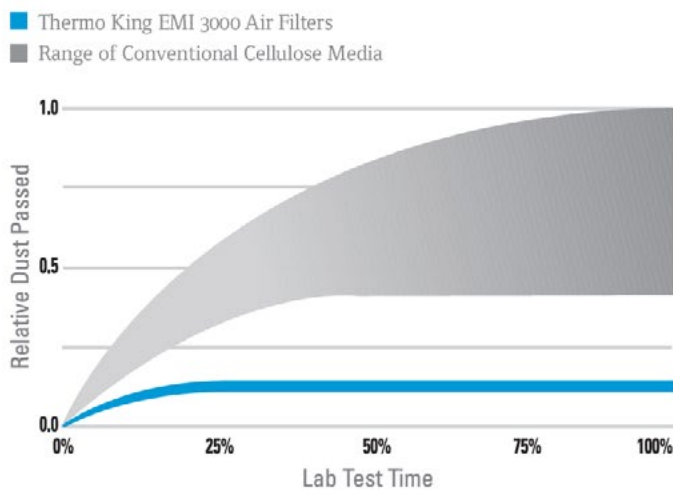


**The fibers in the Thermo King filter media have submicron diameter and small interfiber spaces**, which result in more contaminant being captured on the surface of the media and lower restriction.

## Filtration Performance Comparison

Thermo King EMI-3000 vs. Conventional Cellulose Air Filters

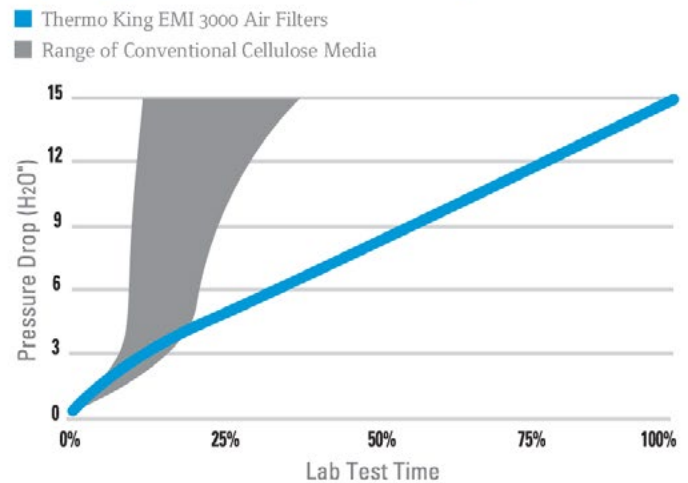
### Efficiency (Tested with Submicron Particles)



### Longer Engine Life

In laboratory and field tests conducted by Thermo King, air filters with this new filter media deliver better engine protection by allowing less contaminant to pass through the media than cellulose air filters. The filter media in the Thermo King filter also reaches a 99.99% initial efficiency faster than cellulose filters.

### Capacity (Tested with Submicron Particles)



### Longer Filter Life

The Thermo King air filter holds up to five times more contaminant than cellulose air filters, making it ideal for 3,000 hour extended maintenance intervals of the Thermo King Extended Maintenance Interval product line.

# Preventive Maintenance Filter Kits

Specifically designed for Truck, Trailer, and TriPac® filter kits to deliver the best lifecycle value possible.

	PM Kit No	Unit	Air	Oil	Fuel	Additional Filters	Manufacture Date
TRAILER	100612	<b>Precedent S-Series</b> (3,000/hr interval)	119955	119959	119969	119967 Fuel Secondary	After 6/2021
	100613	<b>S-Series - Severe Duty</b> (up to 4,000/hr interval)	119956	119961	119970	119968 Fuel Secondary	After 6/2021
	100634	<b>Precedent C-Series</b> (3,000/hr interval)	119955	119959	119970		After 7/2023
	100579	<b>Precedent S-Series</b> (3,000/hr interval)	119955	119959	119965		Before 6/2021
	100580	<b>S-Series - Severe Duty</b> (up to 4,000/hr interval)	119956	119961	119966		Before 6/2021
	100604	<b>Precedent C-Series</b> (3,000/hr interval)	119955	119959	119966		Before 7/2023
	100583	<b>S-600M &amp; S-600DE</b> (3,000/hr interval)	119955	119960	119965		
	100417	<b>SB Series</b> (3,000/hr interval)	119300	119182	119342		
	100449	<b>SB Series w/5 Micron Fuel Filter</b> (3,000/hr interval)	119300	119182	119954		
	100585	<b>Heat King* 400/430/450</b> (2,000/hr interval)	119300	116182	119342		
	100574	<b>SLXi</b> (3,000/hr interval)	119300	119959	119954		
TRUCK	100416	<b>SP Truck with Bypass</b> (2,000/hr interval)	119059	116182	119341	119321 Oil Bypass	Before 10/2020
	100602	<b>SP Truck without Bypass</b> (2,000/hr interval)	119059	116182	119341		After 10/2020
APU	100473	<b>TriPac 3 &amp; Evolution</b> (2,000/hr interval)	119059	116182	119342	925701 Air Evaporator	
	100395	<b>TriPac</b> (1,500/hr interval)	119059	116182	119342	130658, 130864 Fuel Line and Air Evaporator	

\*Preventative maintenance should be performed after every season to prevent engine rusting.

The owner/operator is responsible for verifying accurate parts to ensure compatibility with a specific application.

Learn more at [thermoking.com](http://thermoking.com)



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938. For more information, visit [thermoking.com](https://thermoking.com) or [tranetechnologies.com](https://tranetechnologies.com).

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