Genuine Thermo King Filters
Maximum filter effectiveness.
Genuine Thermo King Filters
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 our customers 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.
PM Filter Kits (Precedent)

<table>
<thead>
<tr>
<th>Component</th>
<th>10-457</th>
<th>10-469</th>
<th>10-471</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Single Temp)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oil Filter</td>
<td>11-9959</td>
<td>11-9961</td>
<td>11-9960</td>
</tr>
<tr>
<td>Air Filter</td>
<td>11-9955</td>
<td>11-9956</td>
<td>11-9955</td>
</tr>
<tr>
<td>Fuel Filter</td>
<td>11-9957</td>
<td>11-9958</td>
<td>11-9957</td>
</tr>
</tbody>
</table>

PM Filter Kits (SB Series)

<table>
<thead>
<tr>
<th>Component</th>
<th>10-449</th>
<th>10-417</th>
</tr>
</thead>
<tbody>
<tr>
<td>(with 5 micron fuel filter)</td>
<td>(with standard fuel filter)</td>
<td></td>
</tr>
<tr>
<td>Oil Filter</td>
<td>11-9182</td>
<td>11-9182</td>
</tr>
<tr>
<td>Air Filter</td>
<td>11-9059</td>
<td>11-9059</td>
</tr>
<tr>
<td>Fuel Filter</td>
<td>11-9342</td>
<td>11-9342</td>
</tr>
</tbody>
</table>

PM Filter Kits (TriPac)

<table>
<thead>
<tr>
<th>Component</th>
<th>10-393</th>
<th>10-395</th>
<th>10-473</th>
</tr>
</thead>
<tbody>
<tr>
<td>(TriPac w/rubber fuel lines)</td>
<td>(TriPac w/nylon fuel lines built after 12/06)</td>
<td>(TriPac Evolution)</td>
<td></td>
</tr>
<tr>
<td>Oil Filter</td>
<td>11-6182</td>
<td>11-6182</td>
<td>11-6182</td>
</tr>
<tr>
<td>Air Filter</td>
<td>11-9059</td>
<td>11-9059</td>
<td>11-9059</td>
</tr>
<tr>
<td>Air Filter</td>
<td>13-658</td>
<td>13-658</td>
<td>92-5701</td>
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<tr>
<td>Fuel Filter</td>
<td>11-9342</td>
<td>11-9342</td>
<td>11-9342</td>
</tr>
<tr>
<td>Fuel Filter</td>
<td>13-649</td>
<td>13-864</td>
<td></td>
</tr>
</tbody>
</table>
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.

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.
Genuine Thermo King Fuel Filters

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

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
✓ Patented automatic drainage returns water to fuel tank, eliminating the risk that water may enter the fuel pump and injectors
✓ 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

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.

Protect yourself against costly engine repairs or replacement - use only Genuine Thermo King Fuel Filters.
Genuine Thermo King Oil Filters

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

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 tuck-lock 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
- Patented two-stage arrangement with a built-in by-pass section to remove finer contaminants
- 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

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.

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

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

EMI-3000 Air Filters

Deliver maximum protection through:

- Patented 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 that standard cellulose air filters
- Durable polypropylene housing

Thermo King High Efficiency Filtration

The patented filter media in the Thermo King EMI-3000 air filter does not allow submicron contaminants to dispense throughout the depth of the filter. Therefore, in on-highway applications, where the contaminant is primarily soot (submicron in size), the Thermo King air filter has less restriction than filters with cellulose media. The smaller, interfiber spaces of filter media deliver higher efficiency and capture more contaminant.

Filter Media Comparative
Cross Section

**CELLULOSE**
- Airflow
- Dust Particles
- Cellulose Media Substrate

**Thermo King**
- Fine Fiber Layer
- Airflow
Ingersoll Rand’s Climate Solutions sector delivers energy-efficient HVACR solutions for customers globally. Its world class brands include Hussmann, a manufacturer of refrigeration and food merchandising solutions, Thermo King, the leader in transport temperature control and Trane, a provider of energy efficient heating, ventilating and air conditioning systems, building and contracting services, parts support and advanced controls for commercial buildings and homes.