

## EMI-3000 Air Filter



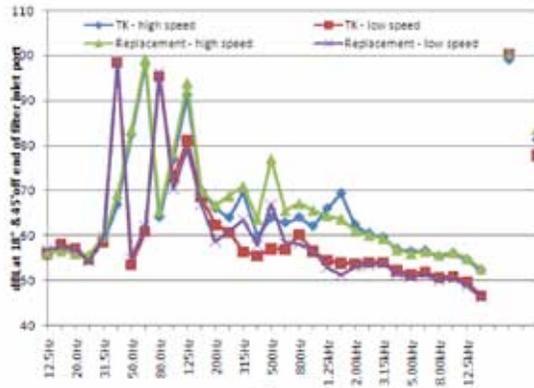
## Thermo King Edge: Patented Two-Stage Cyclonic Technology



EMI-3000 air filters offer the greatest efficiency in air filtration for Thermo King equipment via the two-stage cyclonic action process. 75% of the particles are removed from the filter out the evacuation valve before they even reach the filter media. This allows only the Thermo King filter to reach maximum efficiency of 99.97%.

Higher filtration efficiency = maximum air flow = higher fuel efficiency

# Thermo King Edge: Sonic Choke



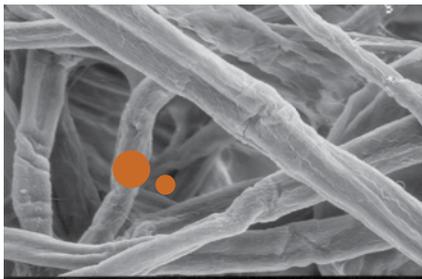
Thermo King is the only filter that is manufactured with a sonic choke. Imitation filters will not have a sonic choke, resulting in twice the noise displacement.

Filter noise	TK	Imitation
High speed	81.2	83.6 = 2x louder!
Low speed	77.8	78.3

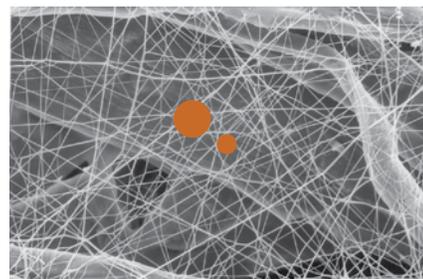
Sonic choke = half the noise

# Thermo King Edge: Patented Media

Orange circles represent the diameter of a 2µ and a 5µ particle.

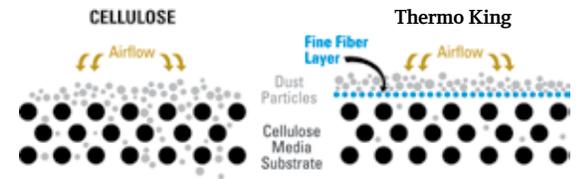


Cellulose fibers are larger and have larger spaces between the fibers, causing contaminant to load in the depth of the media and plug the airflow path; resulting in higher restriction and less capacity.



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

## Filter Media Comparative Cross Section



Thermo King media = maximum filtration = better fuel economy

*Compare for yourself*  
**the Genuine Advantage**

- ✓ Reduce your maintenance costs by at least 45% over imitation
- ✓ One Thermo King filter has the capacity and efficiency equivalent to as many as 5 imitation filters
- ✓ Reduce labor cost associated with multiple 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



1 EMI-3000 Filter



5 Imitation Filters

**CHOOSE GENUINE PARTS**

**THERMO KING**

*Innovation, not Imitation*