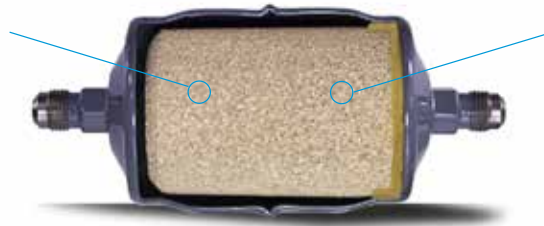


Thermo King Driers

Thermo King offers only high efficiency filter driers with significant reserve capacity for the application. They are manufactured to protect the refrigeration system from water, harmful contaminants and particles and tested to withstand extensive and severe vibration.

Thermo King uses a molded solid core technology created with a blend of desiccants that are uniform in size for proper porosity and bonded together so that the desiccants stay in place as the refrigerant passes through.



Thermo King driers use a full wrap final filter pad that competitors do not match. The full wrap feature provides an optimum end cap seal so that no appreciable physical particulate material can escape the drier.

Thermo King Edge: high quality filter media

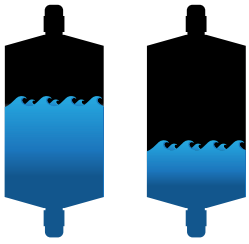
Competitive driers use fiberglass as a filter media while the Thermo King drier uses a higher quality filter media. Fiberglass is known to lose fibers, which can clog TXV and solenoid ports downstream of the filter drier and prevent proper cooling. Benefits of the Thermo King design include virtually no overheat risk (since cooling flow is maintained) and a reduced risk of load loss due to inadequate cooling.



Fiberglass filter media

Higher quality filter media = less clogging of TXV valves = proper cooling

Thermo King Edge: double water drop capacity



The Thermo King drier has double the water capacity of competitive driers, which helps protect the compressor and system from acid creation.

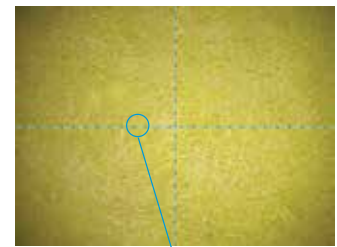
Greater water drop capacity = better compressor protection

Thermo King Edge: 60% more effective filter media

The Thermo King filter media catches 60% more particles, which keeps the refrigerant and oil cleaner, resulting in an increased compressor lifespan.



Thermo King filter media



Fiberglass filter media

More particles removed = cleaner refrigerant and oil = increased compressor life

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TECHNOLOGIES

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