

Easy to remove pull-off cap for sweat or twist-off cap for flare.

Black, high-quality and durable coating offers a cleaner appearance after brazing.

One-piece plasma welded shell minimises risk of refrigerant loss.

ELIMINATOR® core for the highest possible drying capacity.

The solid core can be compared to a sponge's ability to soak up water and retain it.

High dirt retention – down to 25 µm particles – with minimal pressure drop.



ENGINEERING TOMORROW



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## Over 80 years of expertise from global and local markets

When you choose a Danfoss filter drier, you choose to benefit from long-term experience. For 79 years we have developed and manufactured components and solutions for the heating and cooling industry, and have always strived to push the boundaries for quality, customer satisfaction, and sustainability. As a result, Danfoss is recognised as a leading global supplier and known for high-quality solutions, excellent product availability and dependable purveyance. Globally as well as locally.



## Make your HVAC/R system more efficient with best-in-class components

Danfoss Eliminator® filter drier

# 20%

higher water adsorption capacity than competing products on the market.



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## Optimise your air conditioning service and lower the risk of system failure

The filter drier is perhaps not the most imposing or noticeable part of an air conditioning system. It is, however, a vital element of the system's reliability as well as its lifespan. When you choose Danfoss filter driers, you are guaranteed a product that has been developed specifically for the challenges encountered in air-conditioning and refrigeration systems. The result is peace of mind – for you and your customers.

### Why use a filter drier?

The filter drier:

- Retains dirt that may occur during installation or breakdown of system components
- Adsorbs moisture that may occur during installation or service
- Prevents acid formation that may stem from water, oil and refrigerant or from high temperatures.

If dirt, water and acid are not successfully removed from the system, the expansion devices could get clogged which may in turn lead to compressor damage and even a complete breakdown of the system.

### Unique solid core filter

All Danfoss filter driers have a solid core. The core makes the filter drier adsorb water and acids more effectively to prevent corrosion of the compressor's metal surfaces and ensure that oil and refrigerant do not decompose. Moreover, tests show that the solid core filter driers have a superior flow capacity as well as a low pressure drop, which can enhance safety and minimise maintenance costs.

Go to [www.danfoss.com/filterdrier](http://www.danfoss.com/filterdrier) for a complete presentation of Danfoss' extensive range of filter driers and related components for air-conditioning systems.

## Hermetic filter driers' range

**The ELIMINATOR® type DML** for liquid line protects refrigeration and air conditioning systems from moisture and solid particles. 100% solid molecular sieve core assures high drying capacity and avoidance of acid formation in the system.

**The ELIMINATOR® type DCL** for liquid line consists of solid core of 80% molecular sieve and 20% activated alumina. This protects refrigeration and air conditioning systems not only from moisture and solid particles, but also from organic and non-organic acids which may cause harmful chemical reactions and abrasive impurities.

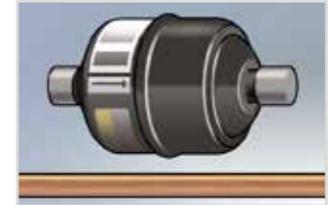
**The ELIMINATOR® type DMB/DCB** for liquid line. Bi-flow filter driers are used in reversible heat pump and air conditioning systems. Built-in check valves ensure that refrigerant liquid always flows through the filter drier from the outer side of the filter core towards the center. Thanks to that, all dirt particles are retained irrespective of flow direction.

**The ELIMINATOR® type DMC/DCC** for liquid line. Combined filter drier and receiver is suitable for use in small hermetic refrigeration systems with thermostatic expansion valve. Under operation conditions where the condenser cannot contain the total quantity of refrigerant, an extra receiver might be necessary and this extra receiver capacity can be provided by DMC/DCC.

**The ELIMINATOR® type DAS** for suction line. DAS burnout filter drier is used in the suction line to clean up refrigeration and air conditioning systems with fluorinated refrigerants after compressor motor burnout, thus protecting new compressors against premature failure.

## Quick guide to installation

Install the filter drier with the flow that follows the direction of the arrow on the filter drier label.



The filter drier can be mounted vertically or horizontally.



The simple pull-off cap for sweat or twist-off cap for flare facilitate installation and eliminate the risk of damaged threads.



For optimum performance, do not unpack filter driers or cores until immediately before installation.

