

NEW generation of *Eliminator*[®] filter driers, type DCR

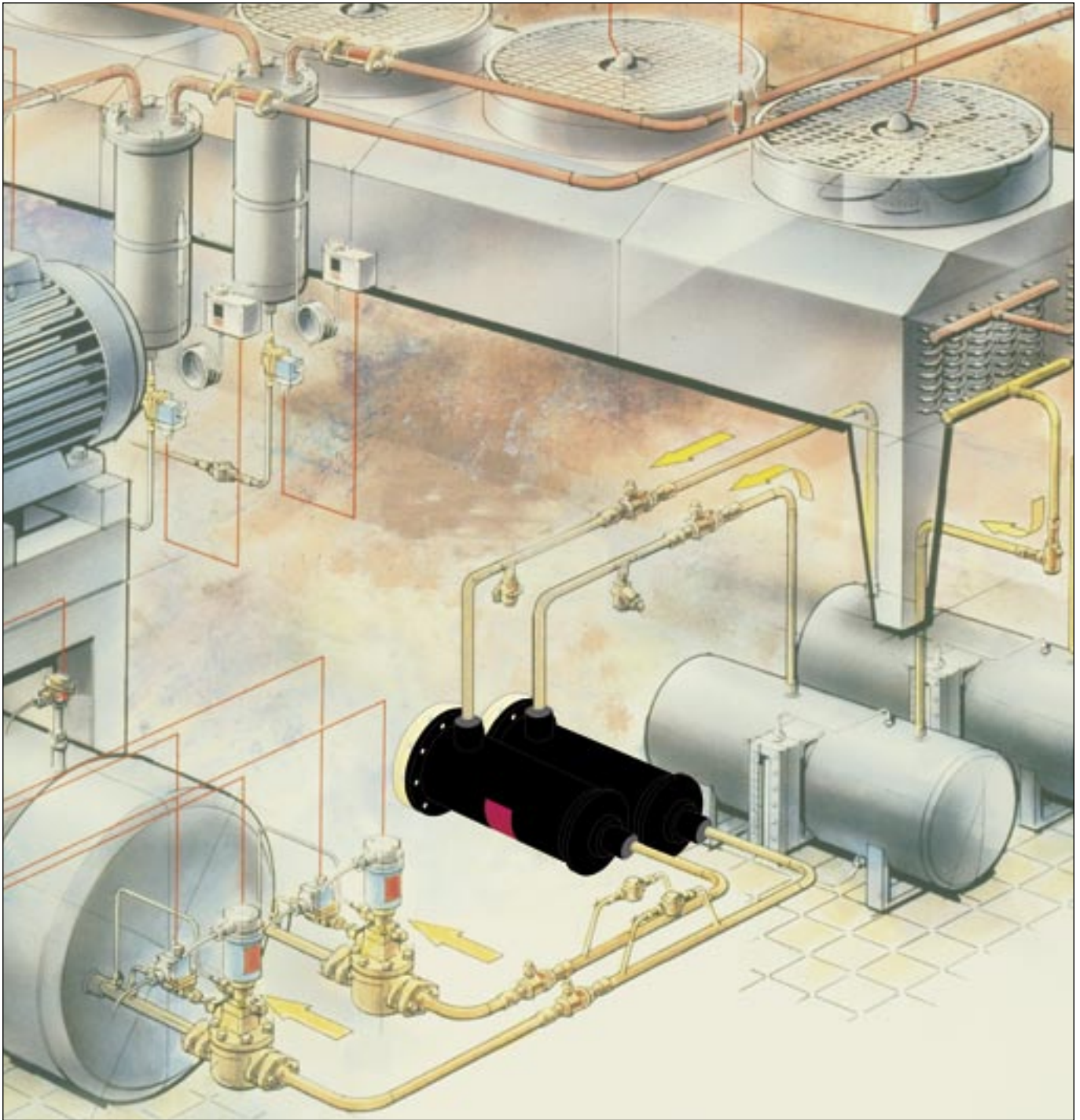


The new DCR - a tailor-made & flexible solution

Danfoss now introduces a new generation of DCR *Eliminator*[®] filter driers with replaceable solid core.

Besides being able to meet even the most demanding requirements, i.e. high working pressure levels when operating with R410A and CO₂, the new programme also opens up a world of opportunities through the many combination possibilities, giving you the right solution.

Danfoss utilises state-of-the-art production processes and each DCR is thoroughly tested in accordance with the most demanding standards.



Benefits, features and facts

- Excellent moisture and acid adsorption protects your refrigeration system
- Highly efficient dirt retaining capabilities on both the suction and the liquid line
- Ensures effective cleaning of the system after a compressor motor burnout
- Corrosion-resistant powder-painted finish including zinc phosphate pre-treatment of the DCR shells
- DCR housings (incl. core holder) are made entirely of steel and are thus compatible with all refrigerants
- DCR housings are helium leak tested
- PS (MWP): up to 46 bar (667 psi)
- CFC, HCFC & HFC refrigerants
- Steel and pure copper connectors available
- Top covers with or without external access connections

Tailor-made in accordance with your demands

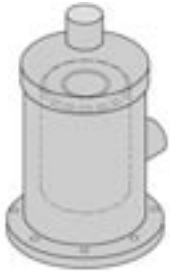
When ordering new DCR filter driers from Danfoss there are two possibilities:

- A parts programme where DCR housing, top cover and solid core(s) are ordered individually. A tailor-made 3-step solution.

Step 1

Select DCR housing*

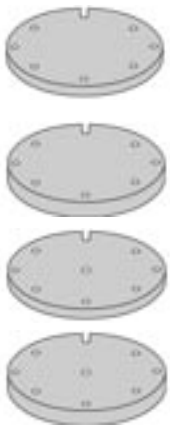
(Size, connection type, PS/MWP)



- 1-core version - DCR 048
- 2-core version - DCR 096
- 3-core version - DCR 144
- 4-core version - DCR 192
- Connector type and size
- Normal or high pressure**

Step 2

Select DCR top cover



- With or without access connection
- Normal or high pressure**

Step 3

Select insert



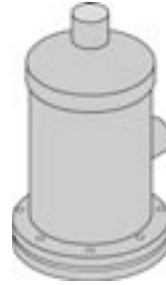
- DM solid core
- DC solid core
- DA solid core
- 48F strainer

- A complete DCR programme covering a standard assembly of housing and top cover in one code number. In addition, solid cores can be ordered. A 2-step solution.

Step 1

Select DCR housing* with top cover

(Size and connector type)



- 1-core version - DCR 048
- 2-core version - DCR 096
- 3-core version - DCR 144
- 4-core version - DCR 192
- Connector type and size

Step 2

Select insert



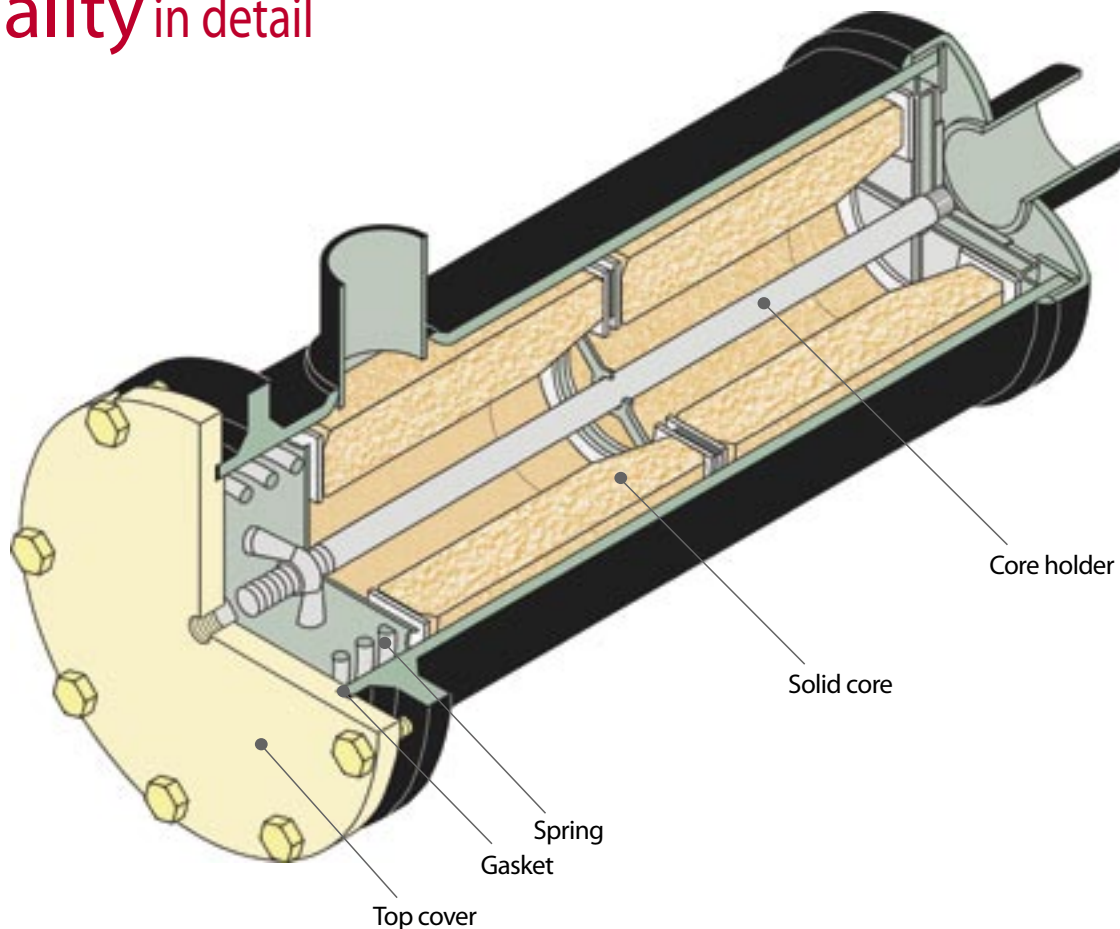
- DM solid core
- DC solid core
- DA solid core
- 48F strainer

* Please note: The core holder is included when selecting DCR housing (step 1).

** Normal-pressure versions (PS/MWP 35 bar) available from both the parts and the complete programme with copper or steel connectors.

High-pressure versions (PS/MWP 46 bar) available from the parts programme with steel connectors only.

Quality in detail



Optimised solid filter drier cores developed to fulfil the requirements of the modern A/C and refrigeration industry



DM - 100% molecular sieve

- Provides high moisture adsorption at low and high condensing temperatures.
- Compatible with all HFC refrigerants, POE and PAG oils. Compatible with R22.



DC - Blend of molecular sieve and activated alumina

- Adsorbs moisture and acid in the system throughout the entire temperature range.
- Recommended for use with mineral oils and alkyl benzene oils, and also compatible with all HCFC, CFC and HFC refrigerants.



48-DA for burn-out filters

- Protects the compressor against acid, moisture, dirt and other harmful substances.
- Compatible with CFC, HCFC, HFC refrigerants.



48-F filter insert (strainer)

- Retains dirt particles larger than 15 µm.
- For use direct in DCR housings.
- Utilised in the suction or liquid line.
- Compatible with all fluorinated refrigerants.

Refrigeration and Air Conditioning Controls, part of the Danfoss Group, is certified in accordance with the international standards ISO 9001 and ISO 14001.

Danfoss thus fulfils international standards with respect to product development, design, production, sale and environmental awareness.

Make sure you obtain the right solution - contact your local Danfoss sales company or find us on <http://www.danfoss.com/how2con/>

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