The Danfoss Group operates globally with the primary aims of making modern living possible for our stakeholders and being a leader in refrigeration, heating, power electronics, and mobile hydraulics. We employ 24,000 people and produce approximately 250,000 components each day at our 76 factories in 25 countries.

We promise leadership in our businesses through reliability, excellence, and innovation – driving true customer satisfaction and solutions within climate and energy.

Extensive experience in all key HVAC/R segments: Danfoss plays a leading role in research, development and production in a wide spectrum of industries, and has been a key player in the HVAC/R field for more than 75 years. Our Refrigeration & Air Conditioning Division designs, produces and markets a comprehensive range of automated solutions and compressors for a wide variety of HVAC/R segments, including:

- Heat Pumps
- Commercial Air Conditioning
- Residential Air Conditioning
- Commercial Refrigeration
- Household, Light Commercial and Mobile Refrigeration
- Wholesalers & Installers
- Industrial Refrigeration
- Food Retail

Learn more at www.danfoss.com

A world leader in climate and energy technology

Copper plated nickel, pure copper, flaring ring and face seal connection available

Steel housing supports the working pressure from the system

One plasma welding buttless joint of refrigerant box

Spring to keep core in fixed position

Perforated plate to keep internal parts in position

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

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

Eliminator® core for highest possible drying capacity

Perforated plate to keep internal parts in position

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

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

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Main Features

- High drying capacity prevents the risk of acid formation in the refrigeration system
- Maximum working pressure up to 46 bar
- High dirt retention, down to particles of 25 microns, with minimal pressure drop
- Designed to work more than 250,000 cycles
- Wide size range from 1.5 to 75 cu. in.
- 100% Helium Leak tested driers
- Solid core – high adsorption, low attrition
- Designed to withstand more than 500 hrs. in salt spray chamber (special coating for marine applications available upon request)
- UL, CE, EN, ISO 9001, GOST and Chinese Manufacture License of Special Equipment certifications
- Black paint gives a better look after brazing installation
- No residual moisture when delivered
- Designed to withstand more than 500 hrs. in salt spray chamber (special coating for marine applications available upon request)

20% higher H₂O adsorption capacity
**Filter dryers**

The filter driers are a vital component of the system's reliability as well as in the safety of the systems. Danfoss is known for its solid core filter driers, which are built to perform under high and low pressures. All Danfoss filter driers are built to last and ensure the system's performance.

### Choose the optimal solution

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<thead>
<tr>
<th>Type</th>
<th>DML</th>
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<th>DBR</th>
<th>DRC</th>
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### Technical Specifications

- **Connection types**
  - **Liquid line**: DML, DCL, DMT, DBR, DRC, DCB, DAS, DCR, DN, DC, DA, F
  - **Suction line**: DML, DCL, DMT, DBR, DRC, DCB, DAS, DCR, DN, DC, DA, F

### Applications

- **A/C Systems**
- **Food Retail**
- **Transport Refrigeration**

### Features

- **Core composition**
  - Subcritical CO 2
  - Subcritical HCFC 22 (R-22)
  - Subcritical HFC 134a (R-134a)
  - Subcritical HFC 143a (R-143a)
  - Subcritical HFO 1234yf (R-1234yf)

### Media temperature

- **A/C Systems**: -40 – 70 °C
- **Food Retail**: -40 – 100 °C
- **Transport Refrigeration**: -40 – 160 °F

### Connection material and size

- **A/C Systems**: Copper, brass, or bronze (for liquid line)
- **Food Retail**: Copper, brass, or bronze (for liquid line)
- **Transport Refrigeration**: Copper, brass, or bronze (for liquid line)

### Maximum adsorption

- Fits any HVAC/R system
- Minimizes refrigerant loss
- Protects refrigeration and A/C systems from moisture, acids, and impurities that will provide your system with long-lasting and reliable protection.

### Compatibility

- **HC refrigerants compatibility**: only solder versions (cu-plated/pure copper) and connection sizes below 25mm are approved for flammable refrigerants now
- **Special coating for marine applications available (2,000 hours)**

### Additional information

- **See core details**
- **Combined Filter drier and receiver** for the compressor and for the other applications as well as a low pressure drop, which can minimize maintenance and running costs.