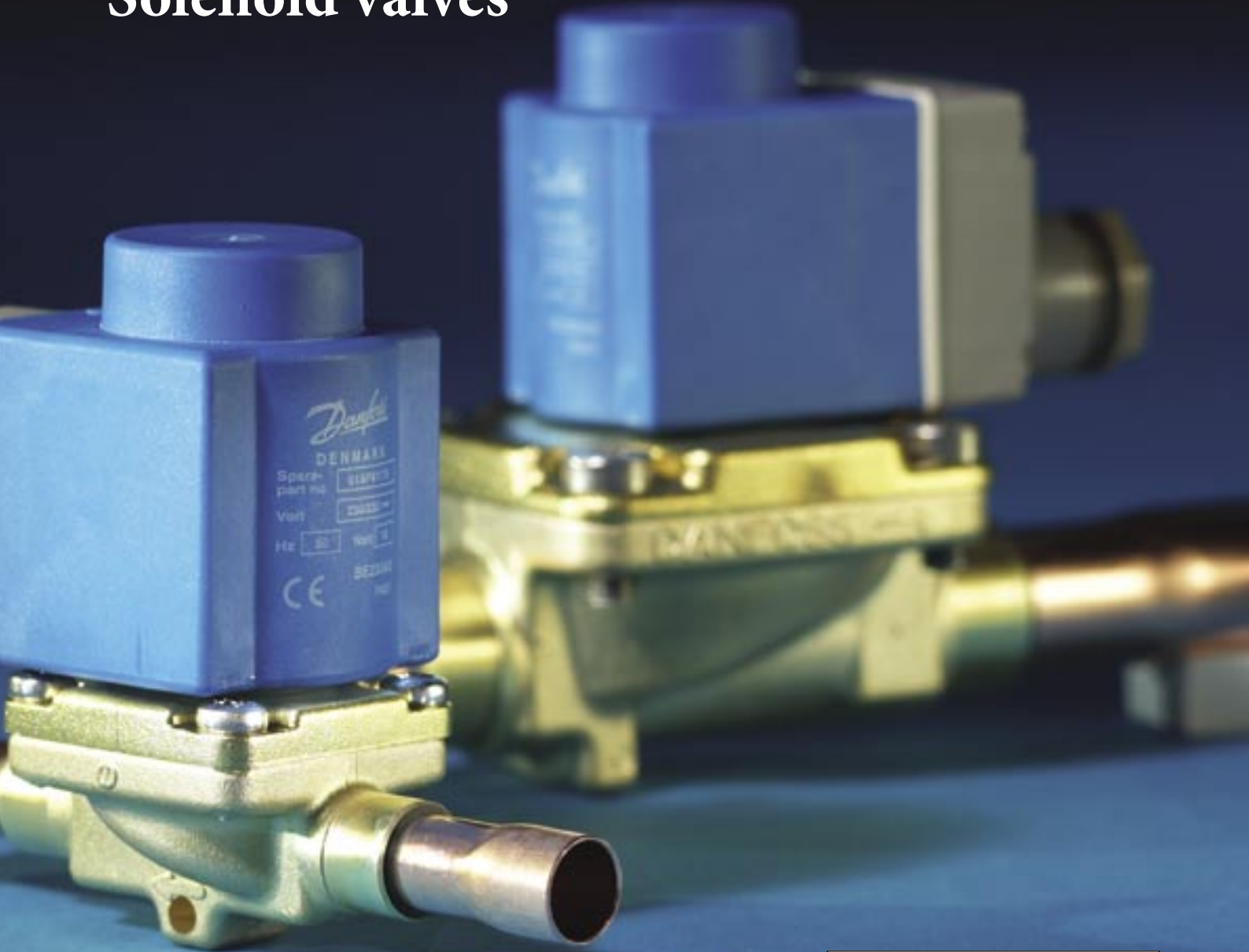


Solenoid valves





Danfoss – your solution provider

Danfoss offers a complete range of solenoid valves for use in refrigeration and air conditioning systems covering the majority of the customer demands.

Only the best materials are used in the production and constant testing

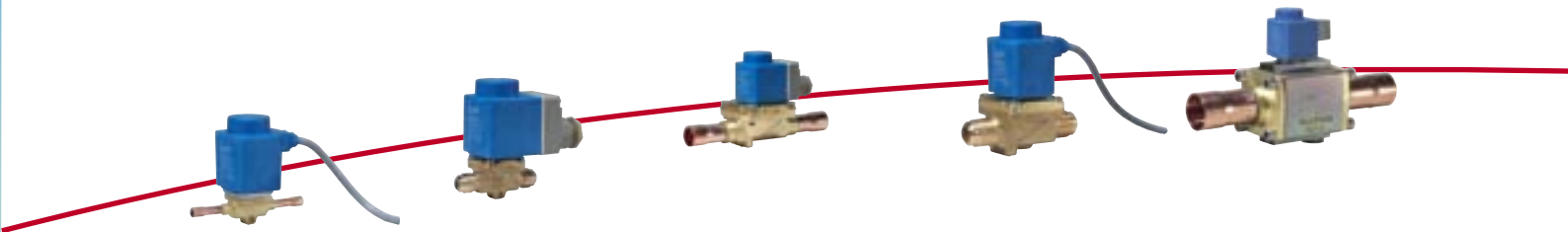
through every step of the production process ensures the superior quality and durability.

If the component you are looking for is not mentioned in this leaflet or if you have special requirements, our competent personnel can offer you

help and guidance and will do their utmost to fulfil your needs.

Make sure you get the right solution – contact your local Danfoss sales company or find us on

<http://www.danfoss.com/how2con/>



Danfoss solenoid valves

Danfoss supplies a complete range of solenoid valves for refrigeration and air conditioning purposes.

Coils:
a complete range of encapsulated a.c. and d.c. coils for use with all four valve types mentioned above.

Facts:

- High reliability and durability
- Constant testing through every step of the production process
- 100% functionality test, test for internal and external leakage as well as the electrical characteristics of the coils.
- Wide range of product approvals including PED, UL, LVD and others
- Flexible parts program

EVR

features:

- Complete range of valves
- For liquid, gas and suction lines
- For HCFC, CFC, HFC refrigerants
- Designed for wide temperature range
- Available as normally closed (NC) as well as normally open (NO)
- Available with manual operation
- Available with oversize connections

Type:

two-way valves for use with all types of fluorinated refrigerants in liquid, suction and hot gas lines

Connections:

- Solder connections $\frac{1}{4}'' - 2\frac{1}{8}''$
- Flare connections $\frac{1}{4}'' - \frac{5}{8}''$
- Flange connections $\frac{1}{2}'' - 1\frac{1}{8}''$

EVRC

features:

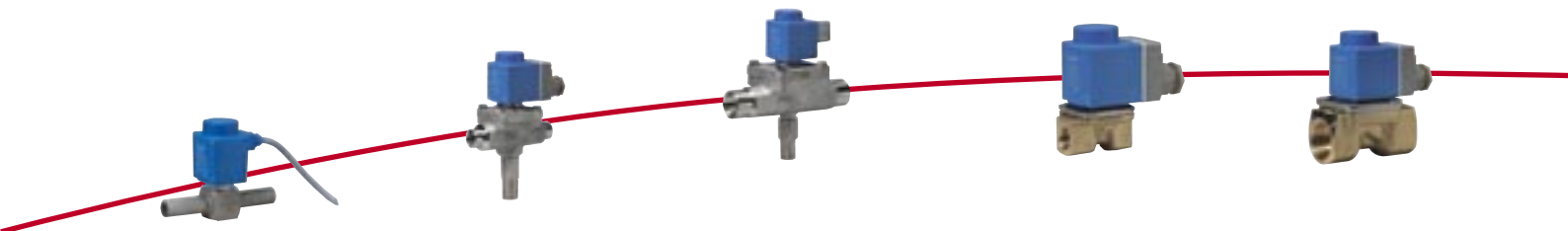
- Allows flow in both directions
- For HCFC, CFC, HFC refrigerants
- Designed for wide temperature range
- Servo operated with a diaphragm

Type:

bi-flow valves for use with all types of fluorinated refrigerants in liquid lines with hot gas or gas defrost

Connections:

- Solder connections $\frac{1}{2}'' - \frac{7}{8}''$



EVRS

features:

- Made of stainless steel
- Suitable for applications where high hygiene is required
- For HCFC, CFC, HFC and R717 (NH_3)
- Designed for wide temperature range
- Available with manual operation
- Available with assisted lift
- High max working pressure

Type:

two-way valves made of stainless steel for use in liquid, suction, hot gas and oil return lines

Connections:

- Weld connections $\frac{3}{8}'' - 1''$
- Pipe thread ISO 228/1 G $\frac{1}{4}''$

EVSR

features:

- For neutral brines
- Stainless steel screws for optimum corrosion resistance
- Viscosity up to $50 \text{ mm}^2/\text{s}$ (cST)
- Optimum opening and closing also at low differential pressures and low temperatures

Type:

two-way valves for use with all kinds of neutral brines in indirect refrigeration systems

Connections:

- Pipe thread ISO 228/1 G $\frac{3}{8}'' - \text{G } 1$

Quality in everything we do

Industrial Controls, part of the Danfoss concern, is certified in accordance with the international standards, ISO 9001, ISO 14001 and EMAS.

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



Product program

Type	k_v value m ³ /h	Port sizes mm size inch	Connection size inch	Rated liquid capacity R22	Medias
EVR	→ 0.16 - 25	2-40	Solder: 1/4" - 2 1/8" Flare: 1/4" - 5/8" Flange: 1/2" - 1 1/8"	Up to 500 kW	CFC, HCFC
EVRC (bi-flow)	→ 1.9 - 5.0 ← 1.1 - 4.7	10-20	Solder 1/2" - 7/8"	Up to 100 kW	CFC, HCFC
EVRS	→ 0.23 - 4.5	3-20	Weld 3/8" - 1" Pipe thread G 1/4	Up to 90 kW	CFC, HCFC
EVSR		10-22	Pipe thread G 3/8" - G 1		Neutral brines