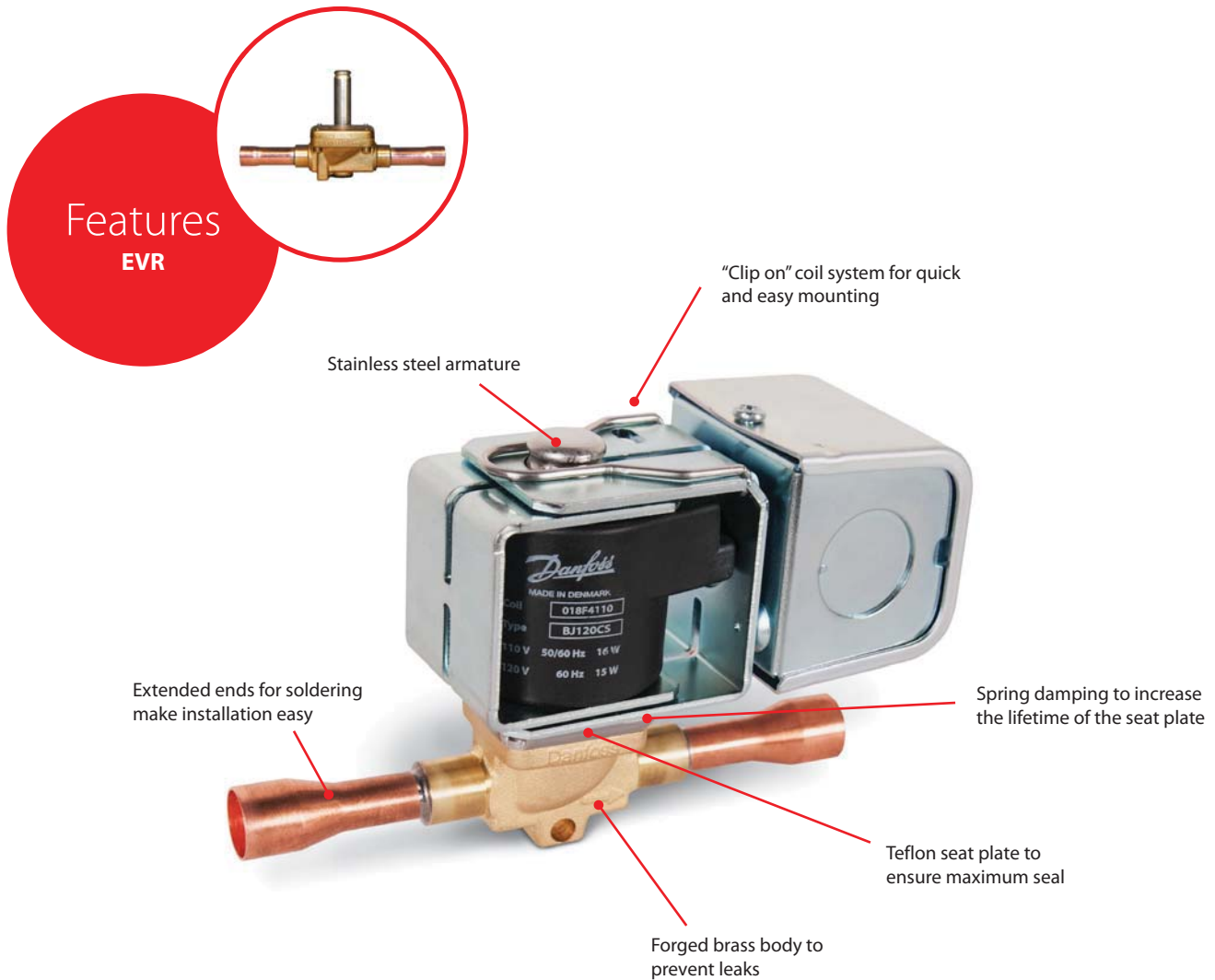


EVR - Solenoid Valves

EVR solenoid valves are direct or servo-operated solenoid valves for liquid, suction, and hot gas lines. They are suitable for all refrigeration, freezing, and air conditioning applications and are compatible with

fluorinated refrigerants. The valves can be delivered as normally open or closed as well as with or without manual operation.

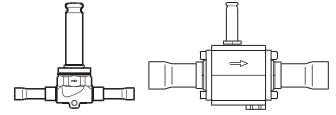


Facts

Applications:

- Traditional refrigeration
- Freezers
- Air conditioning units
- Commercial refrigeration
- Supermarket Refrigeration
- Refrigerants: Use with any fluorinated refrigerant
- Maximum working pressure:
 - EVR 2–EVR 8: 655 psig
 - EVR 10: 500 psig
 - EVR 15–EVR 40: 460 psig
- Temperature range: -40°F to $+220^{\circ}\text{F}$
- Connections:
 - Flare connections up to $\frac{5}{8}$ inch
 - Solder connections up to $2\frac{1}{8}$ inch
- Available in normally open and normally closed
- Available with or without manual stem
- Coil available with junction box (NEMA 2) and conduit boss (NEMA 4)

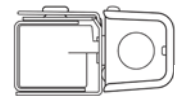
Technical data and ordering



EVR Solenoid valves

Danfoss Type	Rated capacity (liquid tons)			Solder ODF connection (in.)	Port size (in.)	Max. working pressure (psig)	Danfoss Code No. ¹	
	R-22	R-134a	R-404A				with manual stem	without manual stem
	R-407C		R-507A					
EVR 3	2.03	1.55	1.40	¼	⅜	655		032F7105
EVR 3	2.03	1.55	1.40	⅜	⅜	655		032F1157
EVR 6	5.83	4.43	4.01	⅜	15/64	655	032F7116	032F7115
EVR 6	5.83	4.43	4.01	½	15/64	655	032F7144	032F1162
EVR 8	8.01	6.09	5.52	½	5/16	655	032F7148	032F7121
EVR 10	13.80	10.50	9.53	5/8	3/8	500	032F7149	032F1168
EVR 15	18.90	14.40	13.00	5/8	9/16	460		032F1171
EVR 18	24.60	18.70	17.00	7/8	19/32	460	032F1004	
EVR 20	36.40	27.70	25.10	7/8	7/8	460	032F1177	032F1176
EVR 22	43.70	33.30	30.10	1 1/8	15/16	460	032F7137	032F7145
EVR 25	72.80	55.40	50.20	1 3/8	1	400	032F1194	032F1193
EVR 32	116.50	88.70	80.30	1 5/8	7/8	400	042H1179	042H1178

¹ Valve body is normally closed (NC) and excludes coil. Additional code nos. available in Coolselector or contact Danfoss. Spare parts and accessories are available on pages 56.



Coils

Voltage (V)	Frequency (Hz)	Power consumption (W)	Danfoss Type (junction box) ²	Length of wire (in.)	Danfoss Code no.	Danfoss Type (conduit boss) ³	Length of wire (in.)	Danfoss Code No.
24	50/60	14	BJ024CS	7	018F4100	BX024CS	18	018F4102
110	50/60	16	BJ120CS	7	018F4110	BX120CS	18	018F4112
120	60	15						
208-240	60	14	BJ240CS	7	018F4120	BX240CS	18	018F4122
230	50	17						

² Enclosure rating for BJ coils is NEMA 2/IP 30

³ Enclosure rating for BX coils is NEMA 4/IP 54