

Dual voltage/dual frequency

solenoid coils

Delivering **flexibility** and **convenience**



Robust

solution for you
and your customers

The new UL-certified **BT with junction box** and **BU with conduit boss** solenoid valve coils can operate at one of four voltage/frequency combinations: 110V/50Hz, 110–120V/60Hz, 230V/50Hz, or 208–240V/60Hz to provide greater flexibility for OEMs and a reduced need of on-hand stock for contractors.

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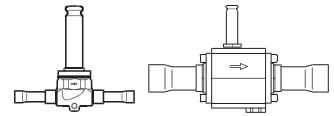


Compatible with the Danfoss Magnetic Tool app!

Turn any Android and iOS device into a precise magnetic field detector.

Technical data and ordering

EVR Version 2 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	1.66	1.54	1.07	¼	⅜	655		032F1206
EVR 3	1.66	1.54	1.07	⅜	⅜	655		032F1204
EVR 6	5.47	5.07	3.51	⅜	15/64	655	032L7116	032L7115
EVR 6	5.47	5.07	3.51	½	15/64	655	032L7144	032L1209
EVR 8	6.52	6.03	4.18	½	5/16	655	032L7148	032L7121
EVR 10	11.50	10.64	7.38	5/8	3/8	655	032L7149	032L1214
EVR 15	17.71	16.39	11.37	5/8	9/16	655		032L1228
EVR 18	23.18	21.46	14.88	7/8	19/32	655	032L1004	
EVR 20	36.76	34.04	23.60	7/8	7/8	655	032L1254	032L1240
EVR 22	41.93	38.82	26.92	1 1/8	15/16	655	032L7137	032L7145
EVR 25	60.19	55.72	38.64	1 3/8	1	655	032L2207	032L2208
EVR 32	102.85	95.23	66.03	1 5/8	7/8	655	032L1103	032L1104

¹ Valve body is normally closed (NC) and excludes coil. Additional code nos. available in Coolselector or contact Danfoss.

Single Voltage 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 12-32

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

Dual Voltage/Dual Frequency Coils



Coil Type	Voltage (V)	Frequency (Hz)	Power consumption (W)	Danfoss Type (junction box) ⁴	Length of wire (in.)	Danfoss Code no.	Danfoss Type (conduit boss) ⁵	Length of wire (in.)	Danfoss Code No.
EVR	110	50	12	BT240CS	7	018F4180	BU240CS	7	018F4181
	110-120	60							
	230	50							
	208-240	60							

⁴ Enclosure rating for BT coils is NEMA 2 ~ IP 12-32

⁵ Enclosure rating for BU coils is NEMA 4 ~ IP 54

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