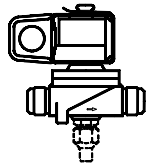




INSTRUCTIONS

EVR 2 - 22 Normally Closed (NC) EVR 6, 10, 15 Normally Open (NO)

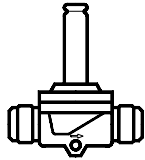


032R9522

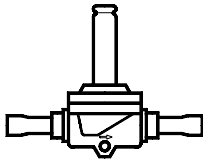
032R9522

Refrigerants:
HFC, HCFC, CFC

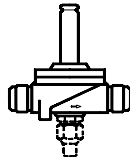
Valve, NC version



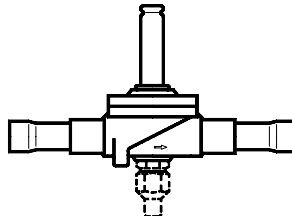
EVR 2, 3, 4,
6, 8, 10 (NC/Flare)



EVR 2, 3, 4, 6, 8, 10
(NC/Solder)

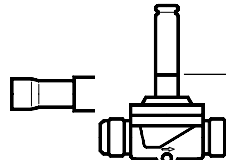


EVR 6, 10 (NC/Flare)

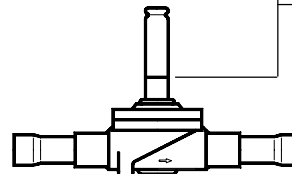


EVR 6, 10, 15, 18, 20, 22
(NC/Solder)

Valve, NO version



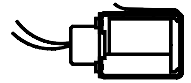
EVR 6, 10 (NO)



EVR 15 (NO/Solder)

Note: tube
construction

Coil

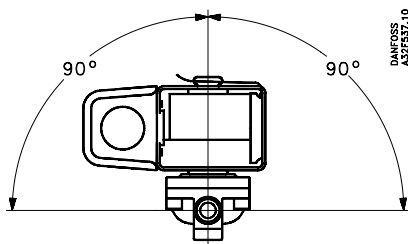


Conduit coil



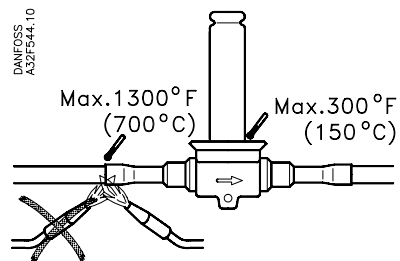
Junction box

Mounting position



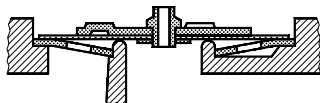
DANFOSS
A3ZF537.10

Soldering of copper connections

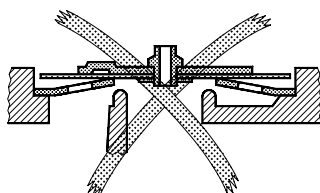


DANFOSS
A3ZF544.10

Mounting of diaphragm



DANFOSS
A3ZF113.13

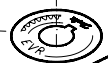


Operating conditions

Max. working pressure (MWP)	EVR 2, 3, 4, 6, 8, 10: 500 psig (35 bar p _e) EVR 15, 18, 20, 22: 460 psig (32 bar p _e)		
Max. test pressure	650 psig (45 bar p _e)		
Max. opening diff. pressure (MOPD)	NC Valves	AC	DC
	EVR 2 - 18 EVR 20 - 22	350 psig (24 bar p _e) 350 psig (24 bar p _e)	260 psig (18 bar p _e) 230 psig (16 bar p _e)
	NO Valves	AC	DC
	EVR 6, 10, 15	350 psig (24 bar p _e)	300 psig (21 bar p _e)
Refrigerant temperature	max. min.	220°F (105°C) -40°F (-40°C)	
Ambient temperature	max. min.	120°F (50°C) -40°F (-40°C)	

Identification of coil and valve

Valve



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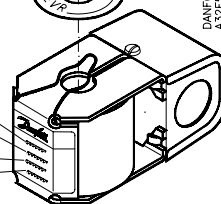
Coil

Code no.

V⁺¹⁰₋₁₅ % (a.c.)

Hz

W



Caution

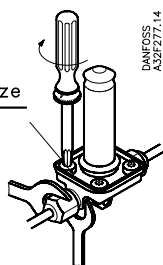
Wiring and fusing (when used) must comply with prevailing local and national wiring codes and ordinances.

Transformer selection

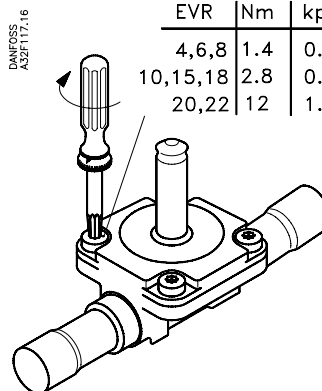
Coil		Inrush [Volt-Amp]	Holding [W] [Volt-Amp]	
208-240 V	50-60 Hz	76	17.5	40
110-120 V	50-60 Hz	76	17.5	40
24 V	60 Hz	76	17.5	40
120/208 V	50-60 Hz	76	17.5	40
120 V DC			23.0	

Tightening torques

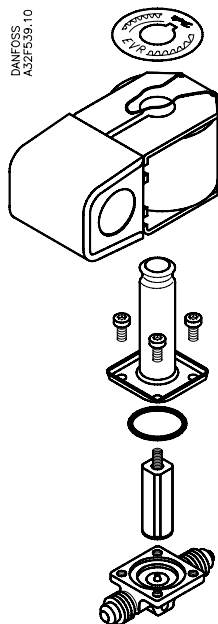
EVR	Nm	kpm	ft-lbs	Torx size
2-3	1.4	0.15	1	T 15



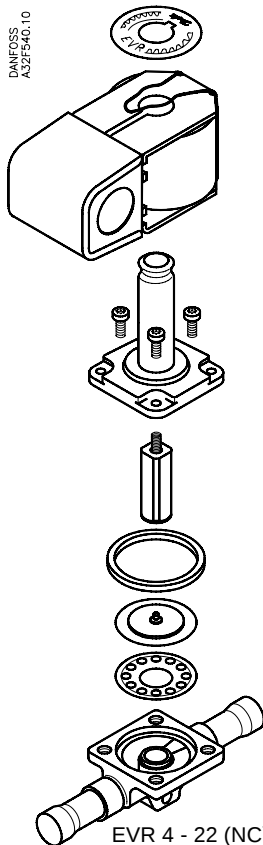
EVR	Nm	kpm	ft-lbs	Torx size
4,6,8	1.4	0.14	1	T 20
10,15,18	2.8	0.3	2	T 25
20,22	12	1.2	9	T 40



Valve and coil construction, NC versions

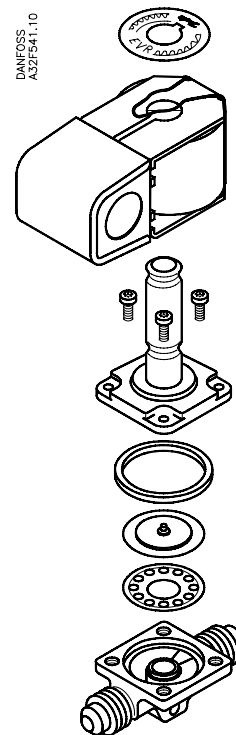


EVR 2, 3 (NC)



EVR 4 - 22 (NC)

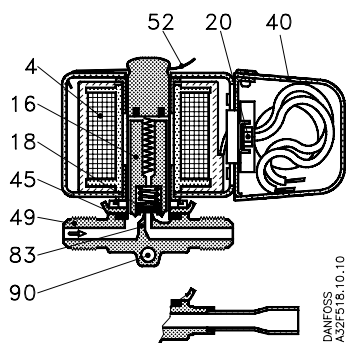
Valve and coil construction, NO versions



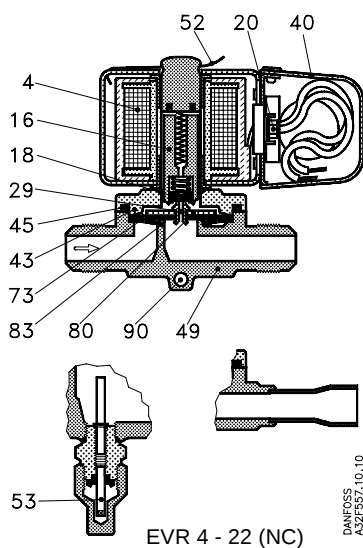
EVR 6 - 15 (NO)

Cut-away, NC versions

(Position numbers:
see Danfoss Technical Leaflet)



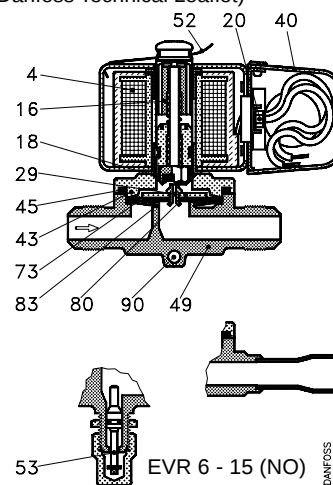
EVR 2, 3 (NC)



EVR 4 - 22 (NC)

Cut-away, NO versions

(Position numbers:
see Danfoss Technical Leaflet)



EVR 6 - 15 (NO)