

Installation Guide

Solenoid Valve

Types EVRH 10 – 22 Normally Closed and Normally Open (NC/NO)

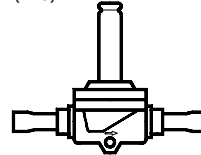
032R9548

032R9548

Refrigerants:

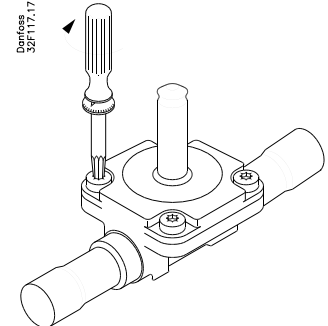
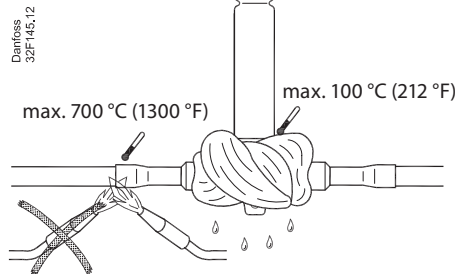
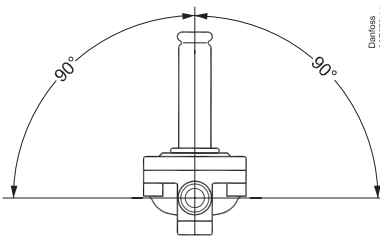
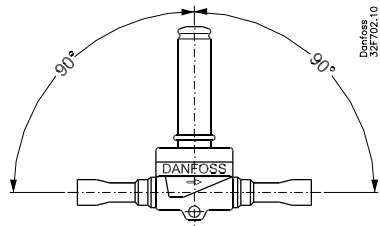
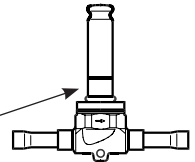
R744, R22/R407C, R404A/R507, R410A, R134a, R407A, R23.
For other refrigerants, please contact Danfoss.

EVRH 10, EVRH 15, EVRH 18, EVRH20, EVRH 22 (NC)



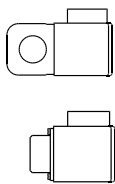
EVRH 10, EVRH 15, EVRH 20, EVRH (NO)

Note: tube construction



Type	[Nm]	[kpm]	[ft-lbs]	Torx size
EVRH 10	5	0.5	3.6	T30
EVRH 15 – 18	14	1.4	10	T30
EVRH 20 – 22	20	2.0	14	T40

UL approved coils



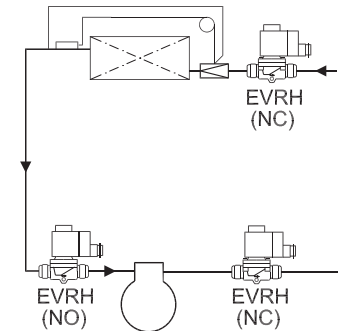
14 W a.c.
 $t_{max.} = 122\text{ °F (50 °C)}$

$t_{min.} = -40\text{ °F (-40 °C)}$

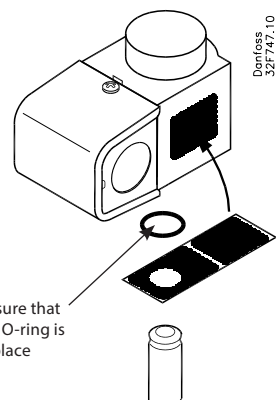
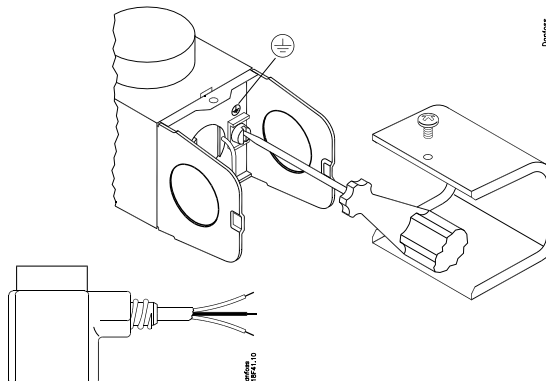
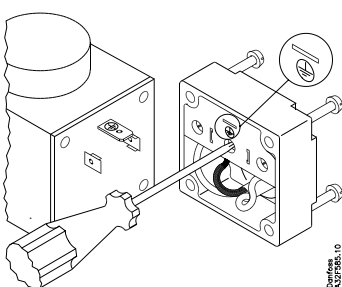
Data on armature tube
US data on label

10/12 W a.c.		$t_{max.} = 80\text{ °C (175 °F)}$
20 W a.c.		$t_{max.} = 50\text{ °C (120 °F)}$
20 W a.c.		$t_{max.} = 50\text{ °C (120 °F)}$
		$t_{min.} = -40\text{ °C (175 °F)}$

Min. medium temperature	-40 °C (-40 °F)
Max. medium temperature	-105 °C (221 °F)
Max. working pressure PS/MWP	45.2 barg / 655 psig
Max. opening diff. pressure MOPD	



032F718.10



Danfoss DENMARK Coil Code no. Type BT... Volt Watt Hz CE F... Danfoss 32F751.10	Warning Never switch on power to the coil when the coil is dismantled from the valve. Otherwise the coil may be damaged and there is risk of injuries and burns. On Off Note 2+3 See instruction IC.PI.600.A1.22 Danfoss 32F721.10
Danfoss DENMARK Spare-part no. Code no. Volt V±10%(a.c.) Hz Watt W Ⓟ Ⓡ Hz Danfoss A32F595.10	DANFOSS A32F113.13
EVRH 10 – 22 (NC) Danfoss 32F700.10 Danfoss 32F748.10 Sticker applies only to UL products ! Note: UL approval are only recognized when one of the EVRH series of solenoid valves is combined with a general purpose coil.	EVRH 10 – 20 (NO) Danfoss 32F701.10 Danfoss 32F749.10 Sticker applies only to UL products ! Note: UL approval are only recognized when one of the EVRH series of solenoid valves is combined with a general purpose coil.