

Installation guide

Pressure regulating valve

KVP, KVL, KVR, KVD, KVC

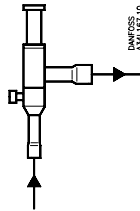
Refrigerants:

R22, R1270*, R134a, R290*, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507A, R513A, R600*, R600a*

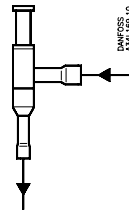
* Applicable for KVP 12 – KVP 22, KVL 12 – KVL 22, KVR 12 – KVR 22, KVD 12 – KVD 15, KVC 12 – KVC 22

For complete list of approved refrigerants, visit www.products.danfoss.com and search for individual code numbers, where refrigerants are listed as part of technical data.

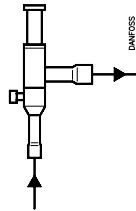
KVP



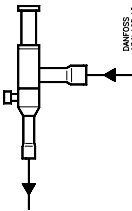
KVL



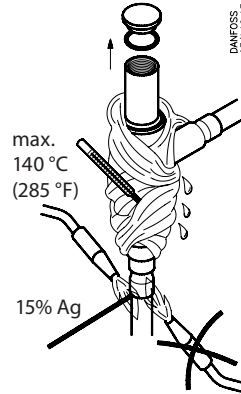
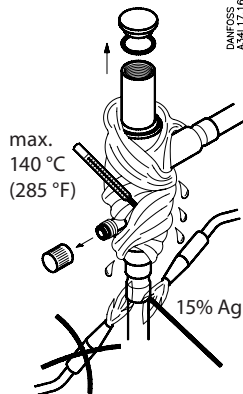
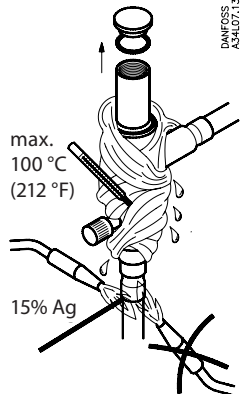
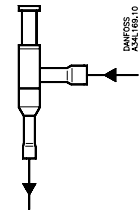
KVR



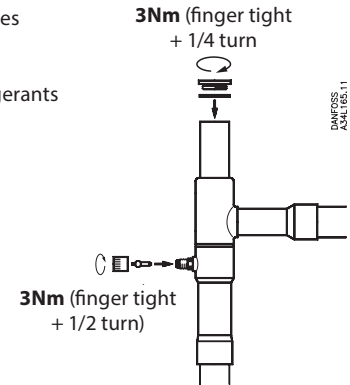
KVD



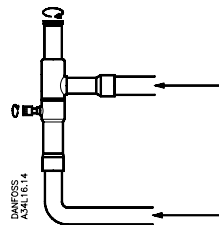
KVC



NB! Tightening torques must be respected especially when used with flammable refrigerants



KVP	KVP 12	360° ~ 0.45 bar (6 psi)	 $p_e = 2 \text{ bar}$
	KVP 15		
	KVP 22		
	KVP 28	360° ~ 0.30 bar (4 psi)	
	KVP 35		
KVL	KVL 12	360° ~ 0.45 bar (6 psi)	
	KVL 15		
	KVL 22		
	KVL 28	360° ~ 0.30 bar (4 psi)	
	KVL 35		
KVC	KVC 12	360° ~ 0.45 bar (6 psi)	
	KVC 15		
	KVC 22		
KVR	KVR 12	360° ~ 2.50 bar (36 psi)	 $p_e = 10 \text{ bar}$
	KVR 15		
	KVR 22		
	KVR 28	360° ~ 1.50 bar (22 psi)	
	KVR 35		
KVD	KVD 12	360° ~ 2.50 bar (36 psi)	
	KVD 15		
	KVD 22		



	$t_{\max}$	$t_{\min}$	PS/MWP
KVP	130 °C (265 °F)	-45 °C (-50 °F)	18 bar (260 psig)
KVL	130 °C (265 °F)	-60 °C (-75 °F)	18 bar (260 psig)
KVR, KVD, KVC	130 °C (265 °F)	-45 °C (-50 °F)	28 bar (406 psig)

