

Installation guide

Pressure regulating valve

KVP, KVL, KVR, KVD, KVC

034R9506

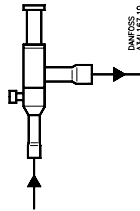
Refrigerants:

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

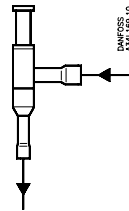
* Applicable for KVP 12 – KVP 22, KVL 12 – KVL 22, KVR 12 – KVR 22, KVD 12 – KVD 15, KVC 12 – KVC 22

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.

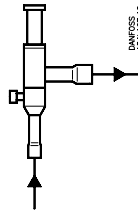
KVP



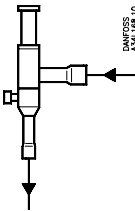
KVL



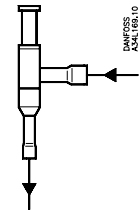
KVR



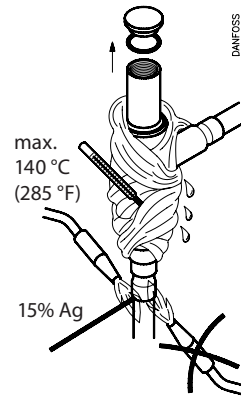
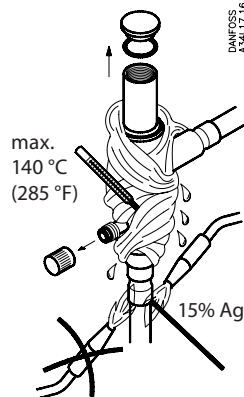
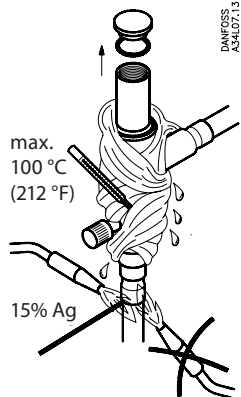
KVD



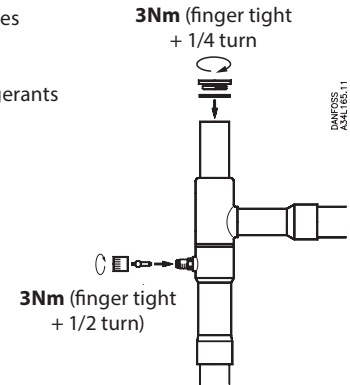
KVC



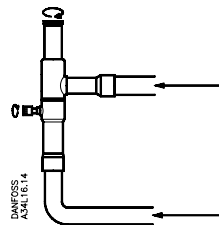
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NB! Tightening torques must be respected especially when used with flammable refrigerants



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)

