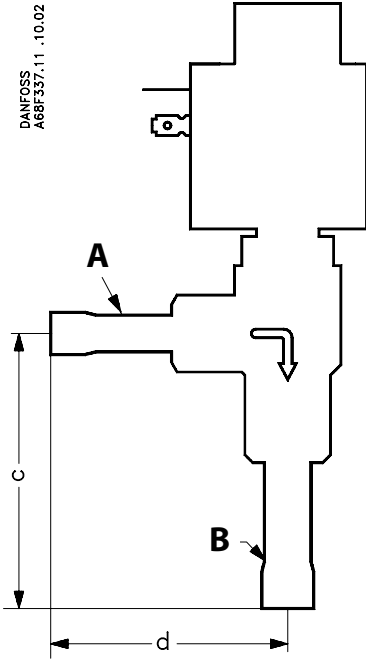


# Installation Guide

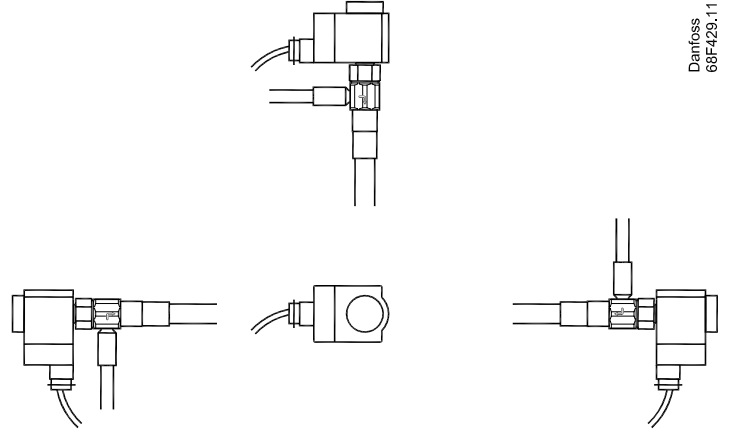
## Electrically Operated Expansion Valve Types AKVH 10-n (n= 0 – 6)

068R9820



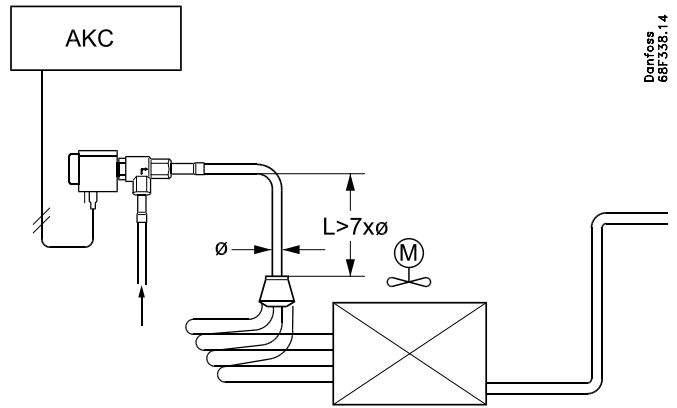
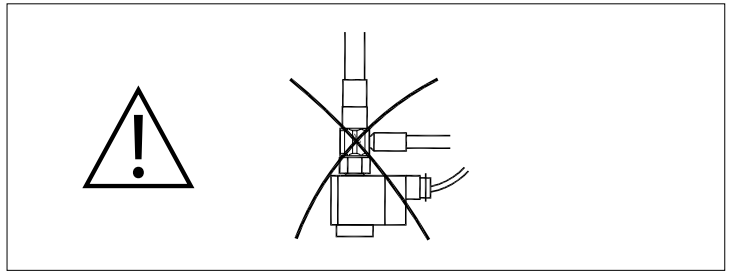
<b>A</b>	(en-gb) In solder	$\frac{3}{8}$ in. (10 mm)
	(da) Ind lodde	
	(de) Eintritt / Löt	
	(fr) Raccord d'entrée à braser	
<b>B</b>	(en-gb) Out solder	$\frac{1}{2}$ in. (12 mm)
	(da) Ud lodde	
	(de) Austritt / Löt	
	(fr) Raccord de sortie à braser	
(es) Conector de Entrada		
(es) Conector de Salida		

<b>AKVH 10 -</b>	<b>AKVH 10-0, AKVH 10-1, AKVH 10-2, AKVH 10-3, AKVH 10-4, AKVH 10-5, AKVH 10-6</b>
<b>c</b>	75
<b>d</b>	67

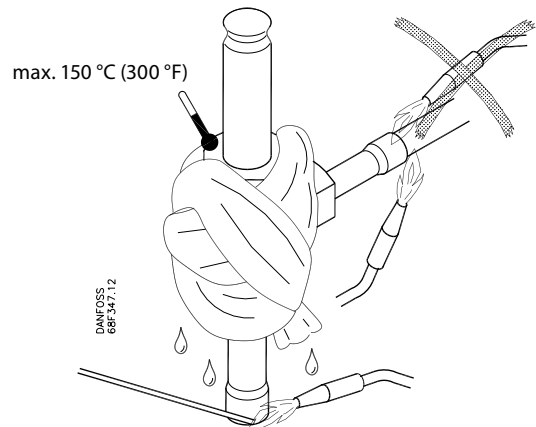


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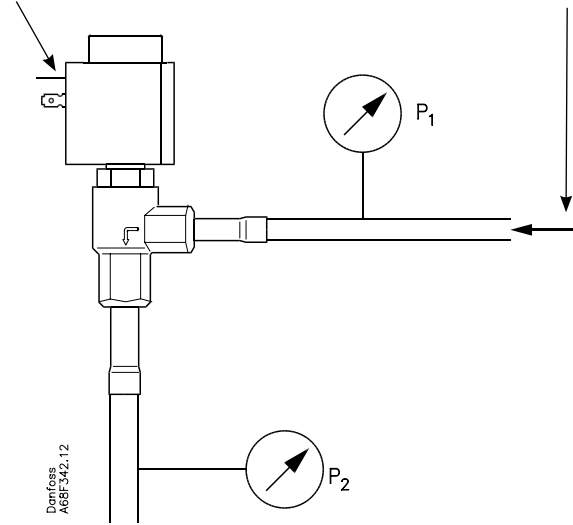
Danfoss  
68F338.14



DANFOSS  
68F347.12

Ambient temperature range:  
 $-50\text{ }^{\circ}\text{C} < t_{\text{amb}} < 50\text{ }^{\circ}\text{C}$   
 $-58\text{ }^{\circ}\text{F} < t_{\text{amb}} < 120\text{ }^{\circ}\text{F}$

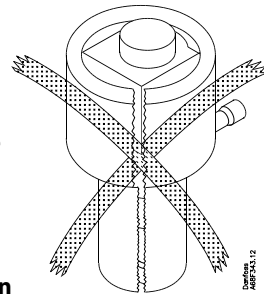
Media temperature range  
 $-50\text{ }^{\circ}\text{C} < t_{\text{media}} < 60\text{ }^{\circ}\text{C}$   
 $-58\text{ }^{\circ}\text{F} < t_{\text{media}} < 140\text{ }^{\circ}\text{F}$



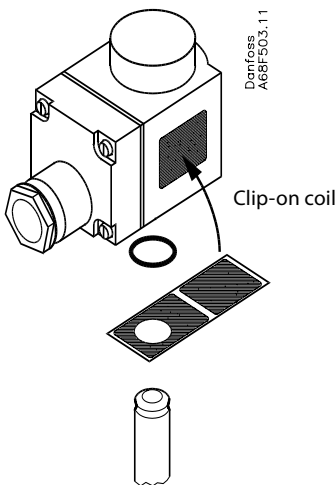
**Note:** If operated consistently at or near MOPD, the service interval will decrease.



(en-gb) Do not insulate  
 (da) Må ikke isoleres  
 (de) Nicht isolieren  
 (fr) Ne pas isoler  
 (es) No encerrar para evitar condensación

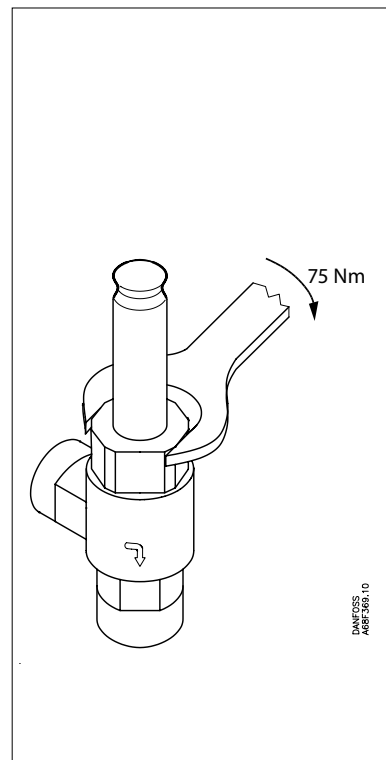
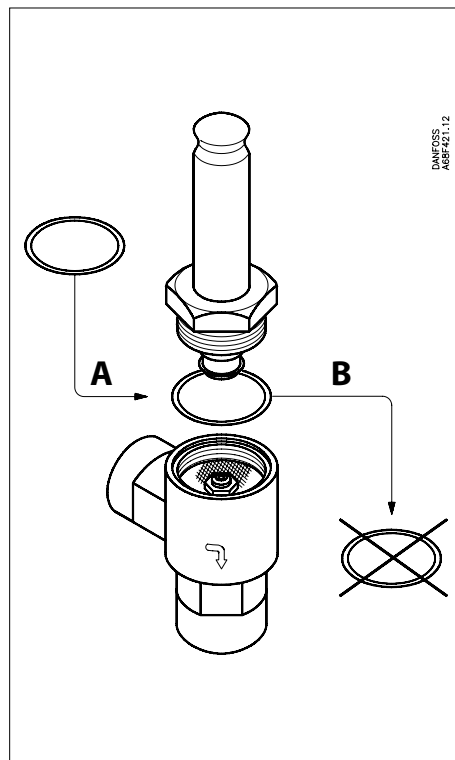
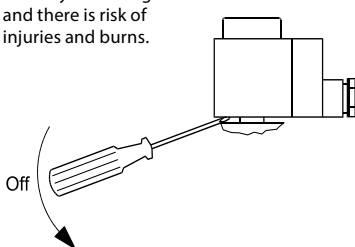
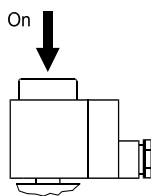


Refrigerants	R744, R22/R407C, R404A/R507, R410A, R134a, R407A, R23. For other refrigerants, please contact Danfoss.	
Max. working pressure	AKVH 10-0	PS = 90 barg / MWP = 1305 psig
	AKVH 10-1	
	AKVH 10-2	
	AKVH 10-3	
	AKVH 10-4	
	AKVH 10-5	
AKVH 10-6		
Max. test pressure	PT = 129 barg / 1870 psig	
Max. differential pressure	MOPD = $P_1 - P_2 = 35\text{ bar} / 505\text{ psi}$	



**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.



en-gb	da	de	fr	es
The gasket <b>must</b> be exchanged, if the valve is dismantled	Pakningen <b>skal</b> skiftes, hvis ventilen adskilles	Bei Zerlegung des Ventils <b>muß</b> die Dichtung usgewechselt werden.	Changer le joint <b>chaque fois</b> que la vanne est démontée	<b>Es preciso</b> cambiar la junta si se desmonta la válvula
<b>A:</b> New	<b>A:</b> Ny	<b>A:</b> Neu	<b>A:</b> Neuf	<b>A:</b> Nueva
<b>B:</b> Used	<b>B:</b> Brugt	<b>B:</b> Gebraucht	<b>B:</b> Usagé	<b>B:</b> Usado