ENGINEERING
TOMORROW

Installation Guide

RA/VL, RA/V / 015G5202
015G5203
015G5204
015G5222
015G5223
015G5224
015G5212
013G4011
013G4012
013G4013

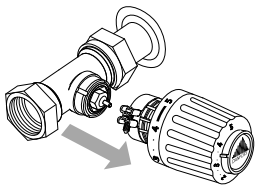
Presettable inserts for Danfoss RA/VL and RA/V valves

Voreinstellbare Einsätze für Danfoss RA/VL und RA/V Ventile

Replacement of the insert | Auswechslung des Einsatzes

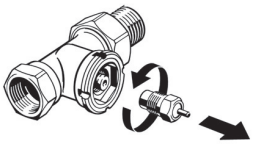
1.
[EN] Remove old sensor & drain the system

[DE] Alten Fühler entfernen, Anlage entleeren



2.
[EN] Unscrew the valve stuffing box

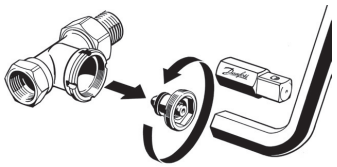
[DE] Ventilstopfbuchse herausdrehen



3.
[EN] Unscrew the valve insert using the demount tool

[DE] Einsatz herausdrehen

13mm RA/VL [192H2210]
19mm RA/V [192H2310]



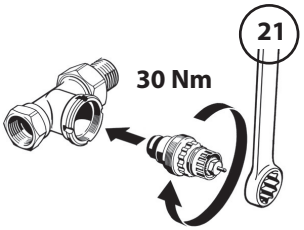
4.
[EN] Clean valve seat with soft cloth

[DE] Ventilsitz mit einem Lappen säubern



5.
[EN] Insert the new valve inset into the valve body

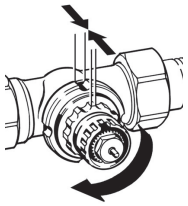
[DE] Neuen Einsatz in das Gehäuse hineindrehen



[EN] 003L0213 is not suitable to tighten the insert
[DE] 003L0213 ist nicht geeignet zum festziehen des einsatzes

6.
[EN] Tighten the new valve insert so that the cam on the valve insert and the notch on the valve body are alligned

[DE] Bis der nächste Nocken sich gegenüber einer aussparung im Ventil Gehäuse befindet, damit der Fühler richtig positioniert ist



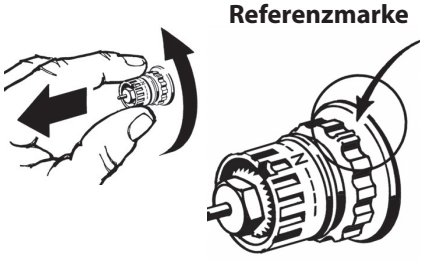
7.
[EN] Flush and fill the heating system

[DE] Heizungsanlage spülen und füllen

8.
[EN] Set the required preset value

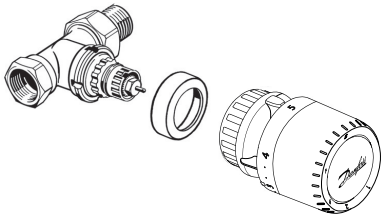
[DE] Erforderlichen Voreinstellwert (Wassermenge) einstellen

Reference mark
Referenzmarke



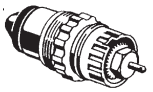
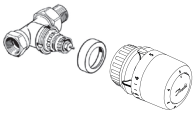
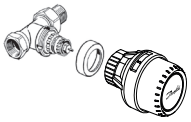
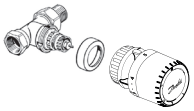
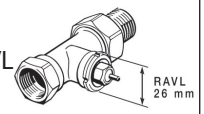
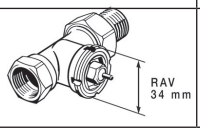
9.
[EN] Mount the decorative ring and sensor

[DE] Dekoring und Fühler montieren



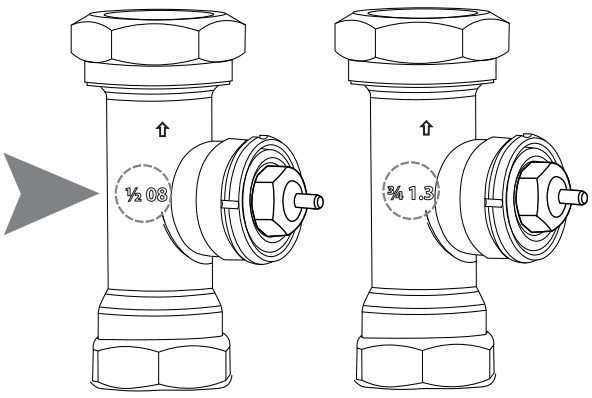
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Danfoss Aveo® RA/VL, RA/V

Code Number and Ordering | Auswahl und Bestellnummern					
Danfoss Valve [Ventiltyp]	Dimension 	Valve insert [Ventileinsatz] 	Combi set Danfoss Aero® 	Combi set Danfoss Aveo® Tamper 	Combi set Danfoss Aveo® 
RA/VL 	DN 10,15 (3/8",1/2") DN 20 (3/4")	013G4011 013G4012	015G5202 015G5203	015G5222 015G5223	015G5212
RA/V 	DN 10, 15, 20 (3/8", 1/2", 3/4")	013G4013	015G5204	015G5224	

[EN] Overview of the retrofittable valve inserts type RA/VL & RA/V Combi [DE] Übersicht der nachrustbaren Ventileinsatze typ RA/VL & RA/V Combi				
[EN] Valve Type [DE] Ventiltyp	**kv value kv wert ***	**Construc-tion year Baujahr**	**Recognizable by Erkennbar durch**	**Code number Bestell nummer**
RA/VL 3/8" RA/VL 1/2"	0.5 / 0.8 0.5 / 0.8	1978 - 1988 1971 - 1988	[EN] kv value is on the housing. Bottom screw with 13mm hexagon socket [DE] Kv-wert steht auf dem Gehäuse. Bodenschraube mit 13mm Innensechskant	013G4011
RA/VL 3/4"	1.3	1971-1988	[EN] kv value is on the housing. Bottom screw with 13mm hexagon socket [DE] Kv-wert steht auf dem Gehäuse. Bodenschraube mit 13mm Innensechskant	013G4012
RA/ V 3/8", 1/2", 3/4"		1978 - 1988	[EN] Bottom screw with 19 mm hexagon socket [DE] Bodenschraube mit 19 mm Innensechskant	013G4013

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Climate Solutions • danfoss.com • +45 7488 2222

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