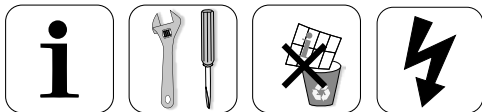


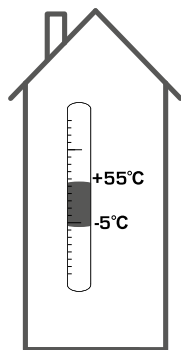
ESBE SERIES ARA600 3-Point



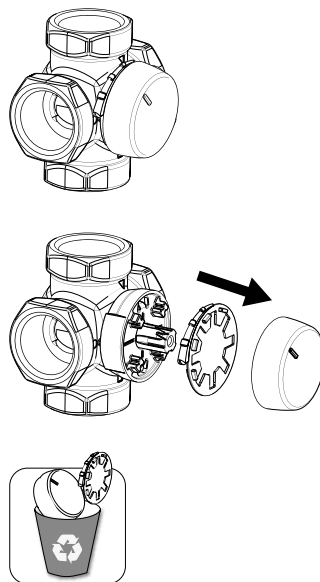
Series ARA6x1
Series ARA6x2
Series ARA6x3
Series ARA6x4

CE

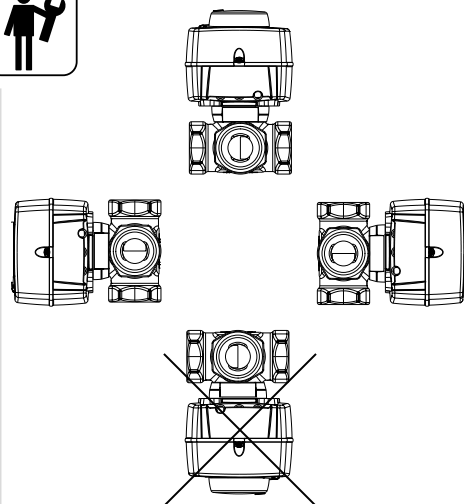
LVD 2014/35/EU
EMC 2014/30/EU
RoHS 2011/65/EU



1



2

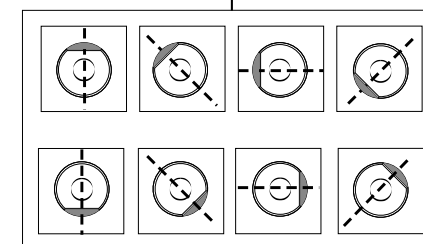
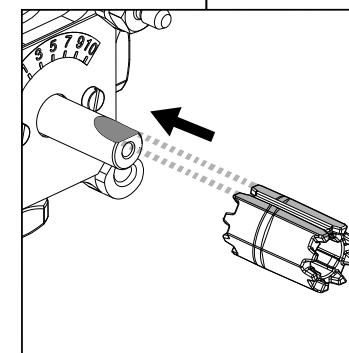
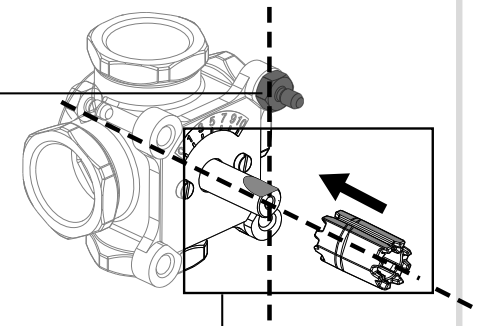


3



Series MG, G, F, H, HG, BIV, T, TM

	DN15-25	
	DN20-40	
	DN50	
	DN20-25	
	DN32-50	
	H: DN25	
	H: DN32-50	
	HG: DN25	
	DN20-22	
	DN25	
	T: DN20-32	
	TM: DN20	



i



VRG, VRB, VRH

3MG, 4MG



3G, 4G

3F, 4F ≤ DN50

3HG, 4HG, 3H, 4H



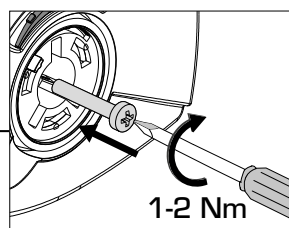
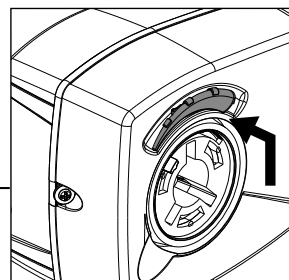
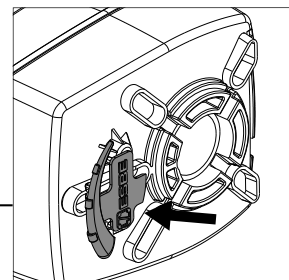
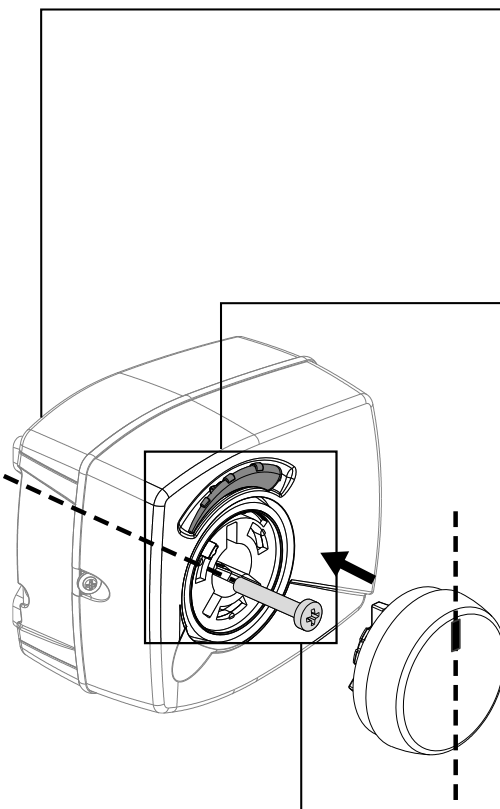
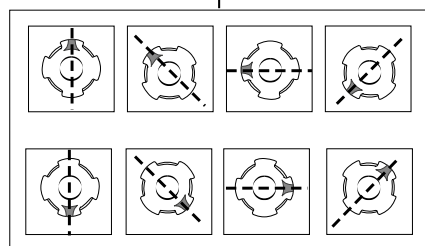
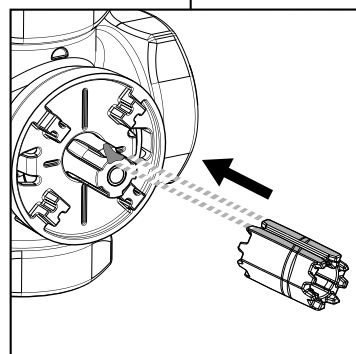
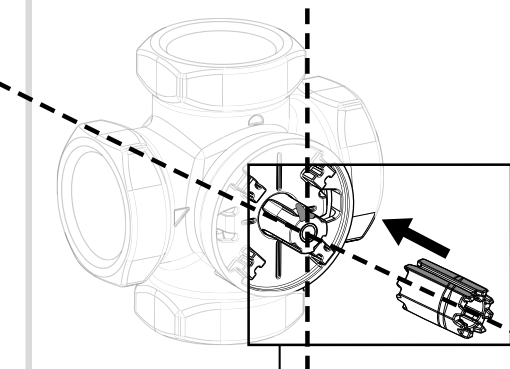
BIV

T, TM

VRC160

Series **VRGxxx**, **VRBxxx**, **VRHxxx**

Series **VRCxxx**



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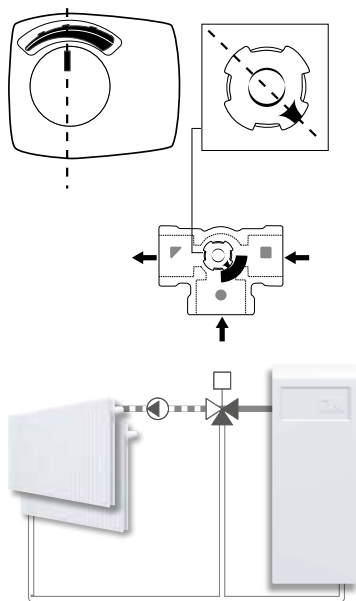


SERIES ARA600 3-Point

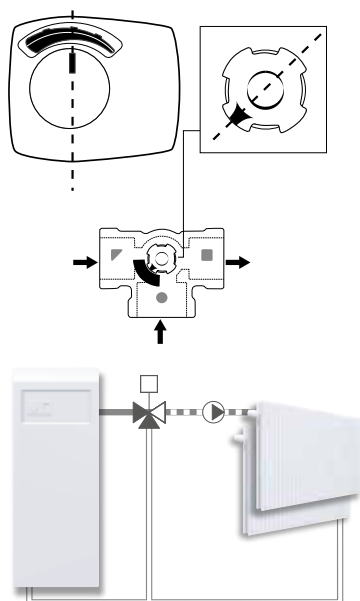
ESBE®

SERIES VRG130

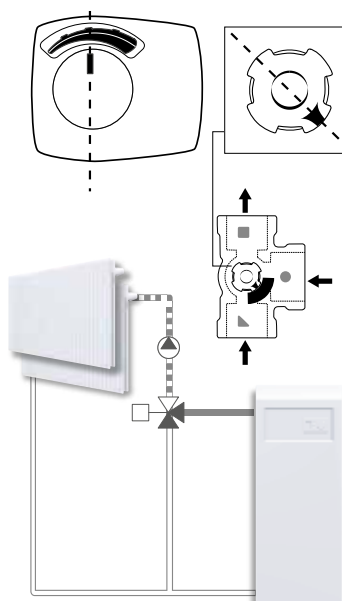
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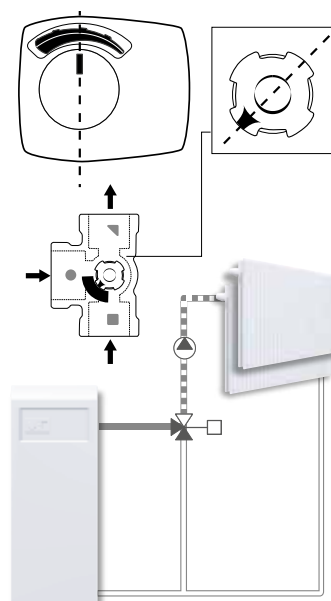
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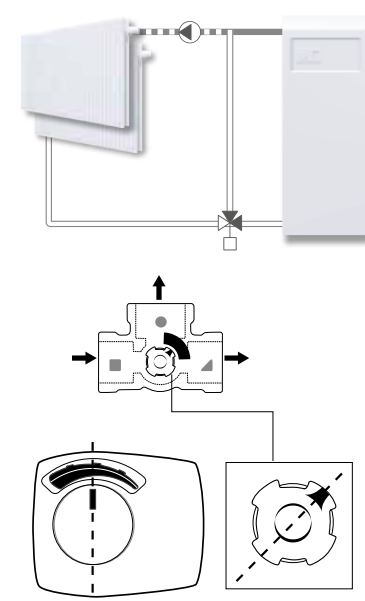
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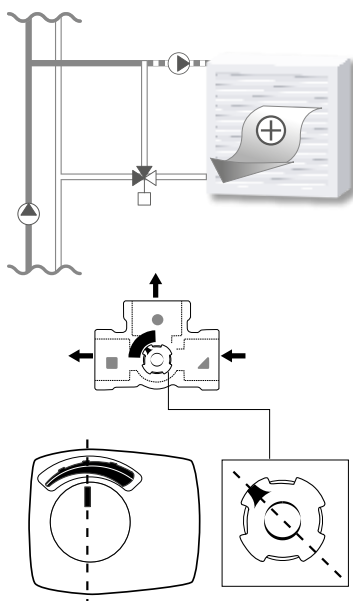
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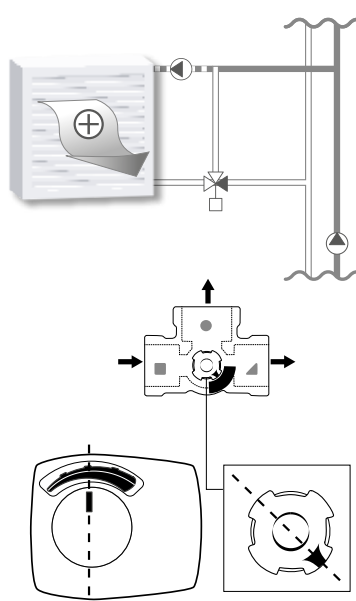
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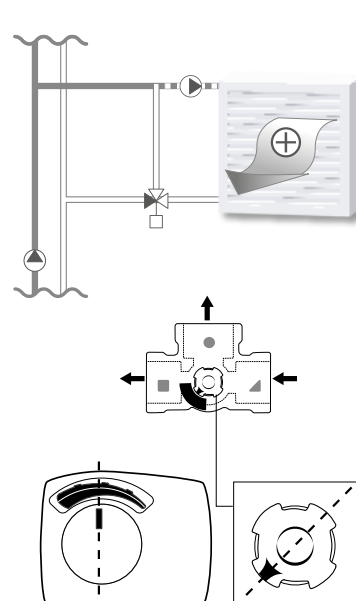
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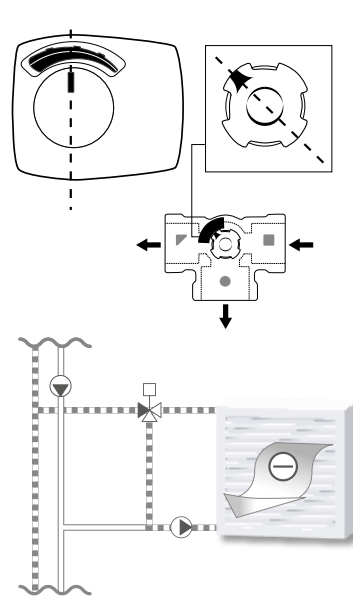
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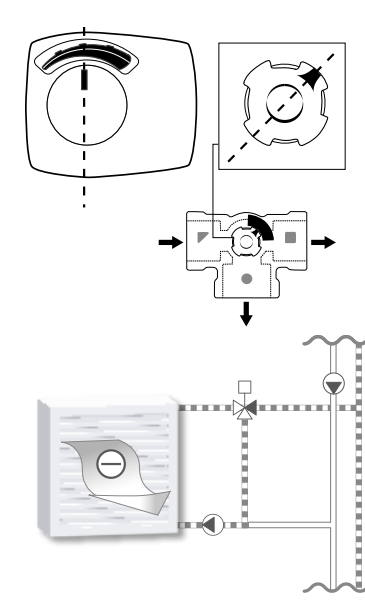
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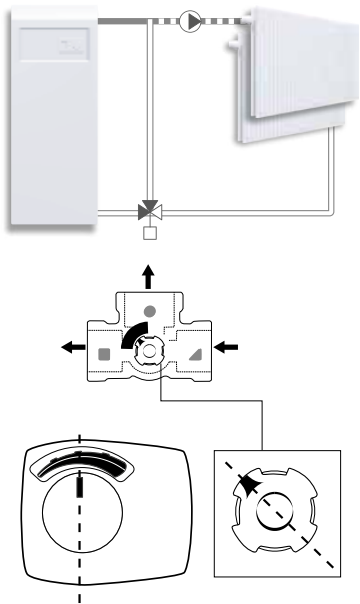
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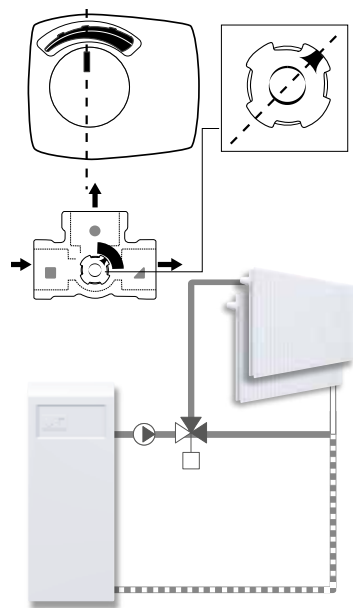
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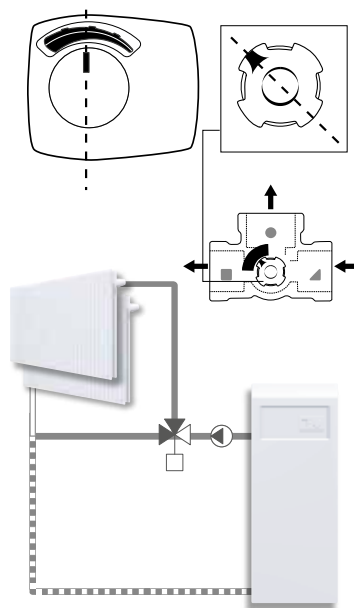
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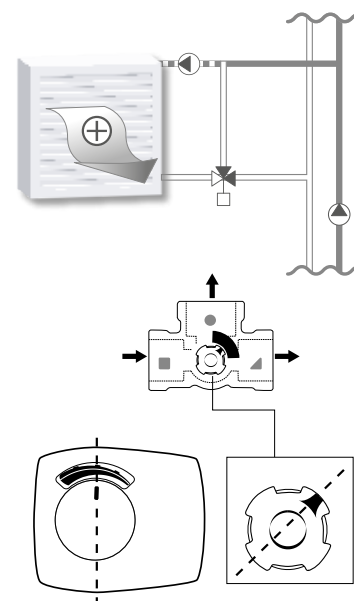
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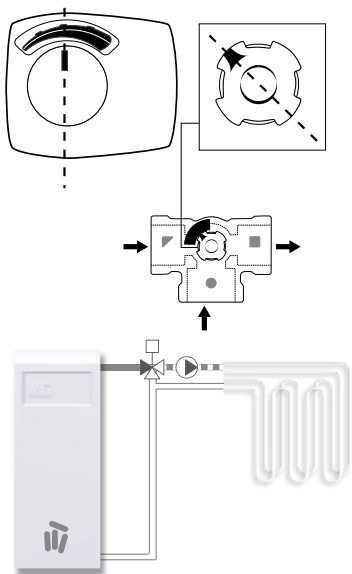
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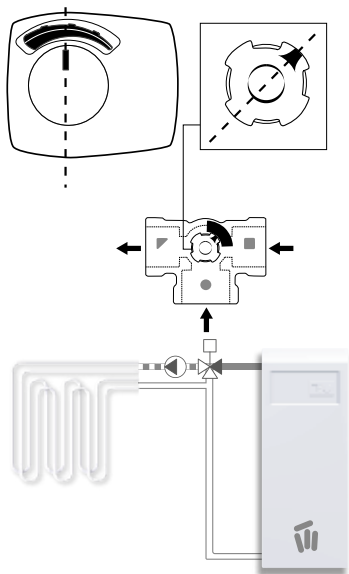
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o

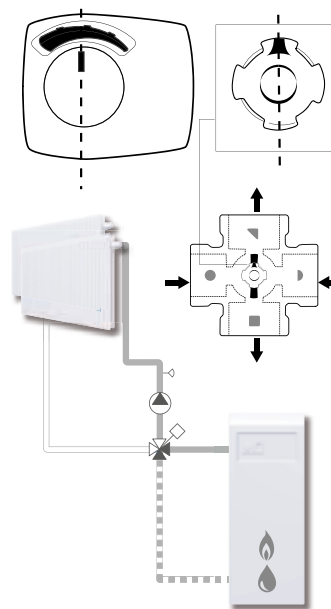


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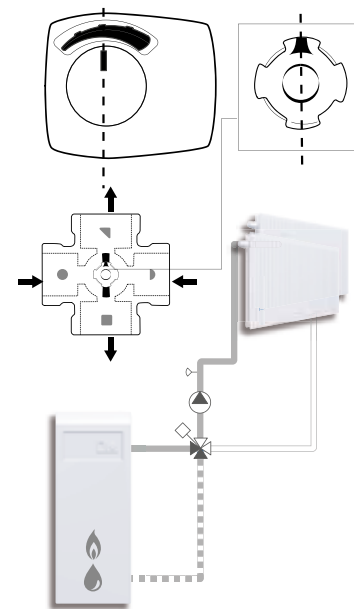


SERIES VRG140

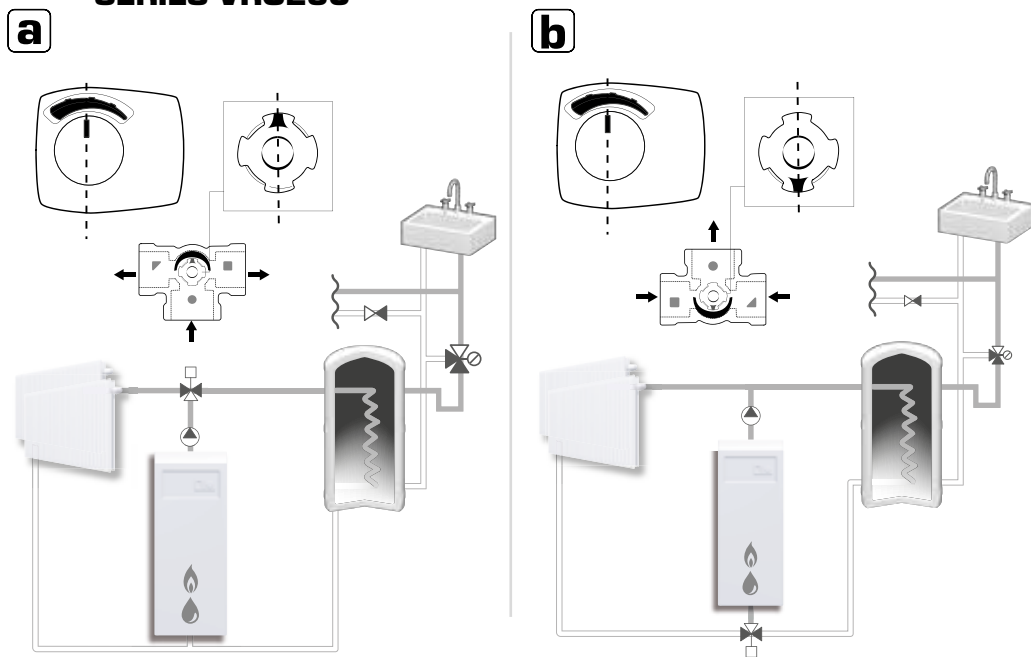
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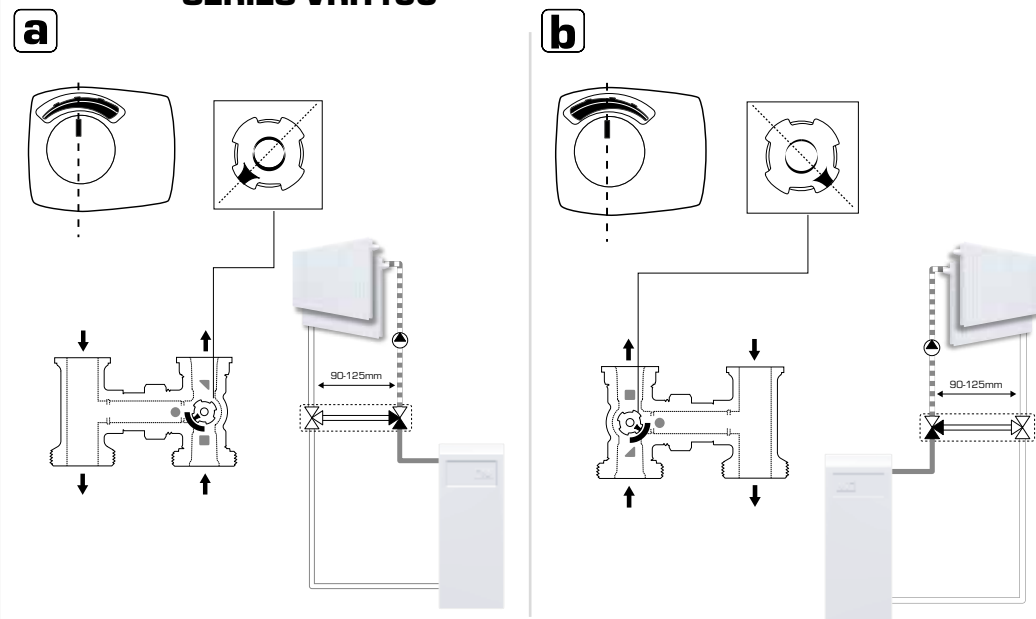
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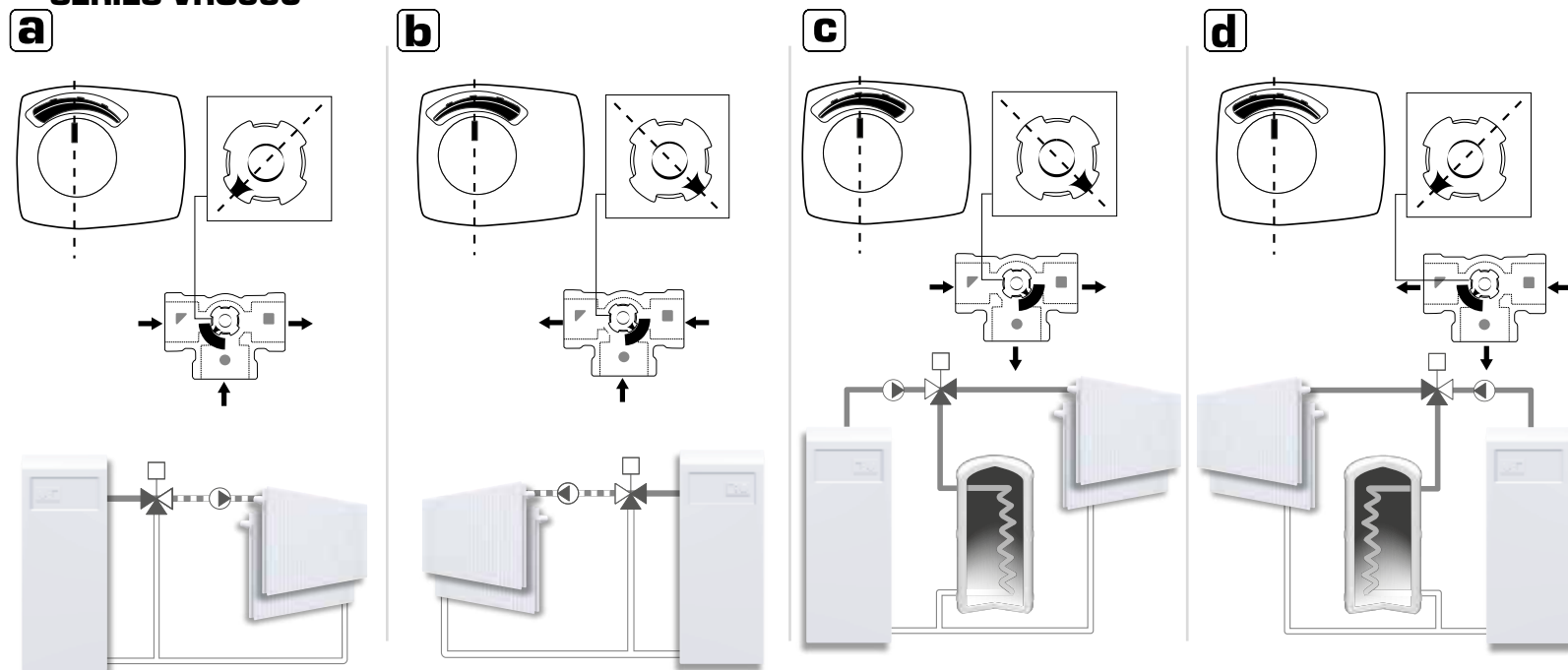
SERIES VRG230



SERIES VRH130

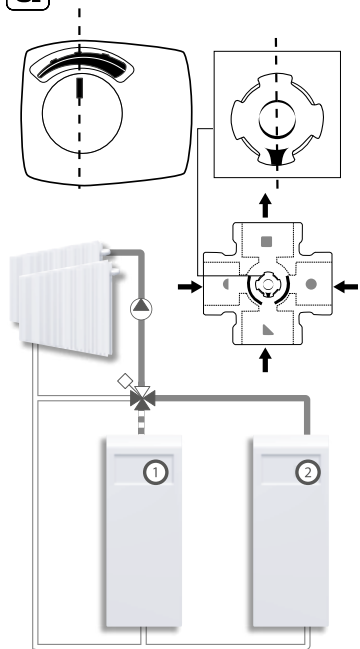


SERIES VRG330

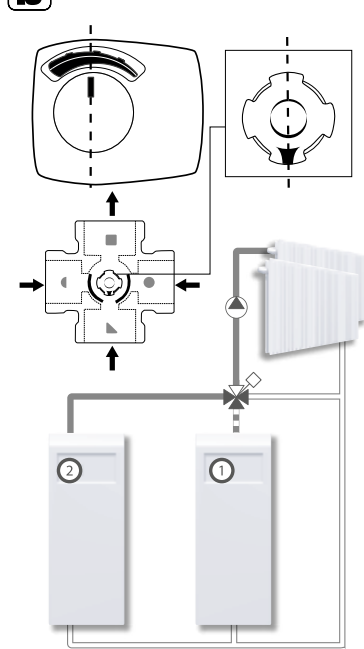


SERIES VRB140

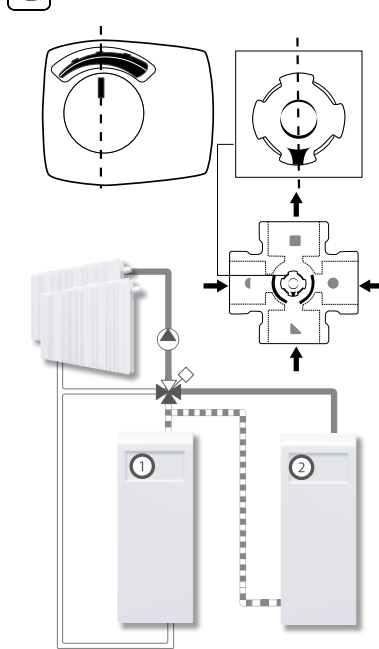
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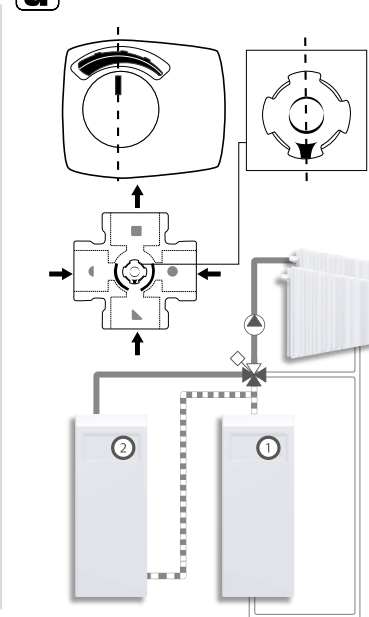
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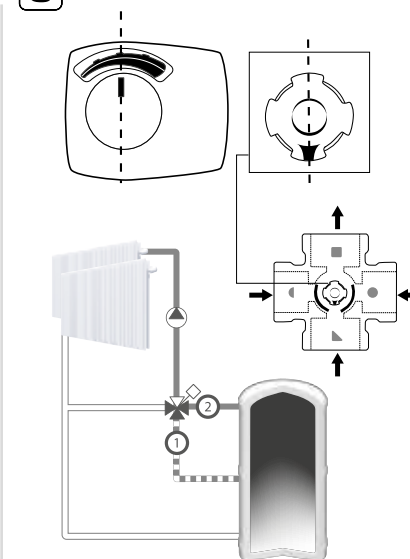
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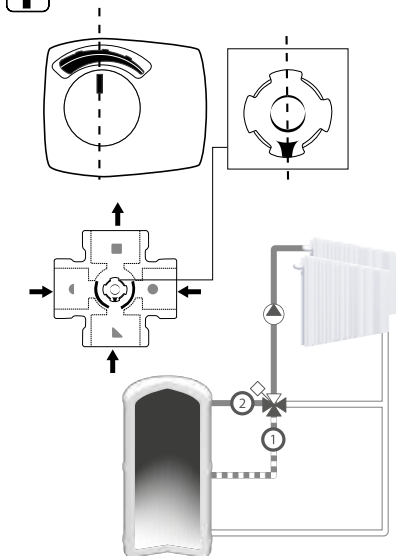
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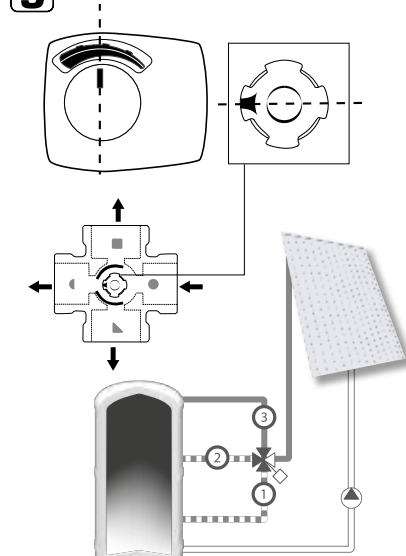
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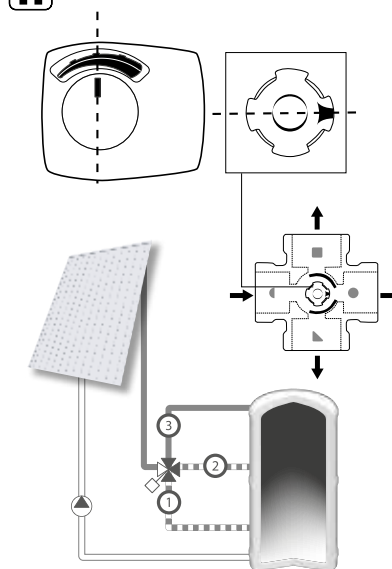
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g

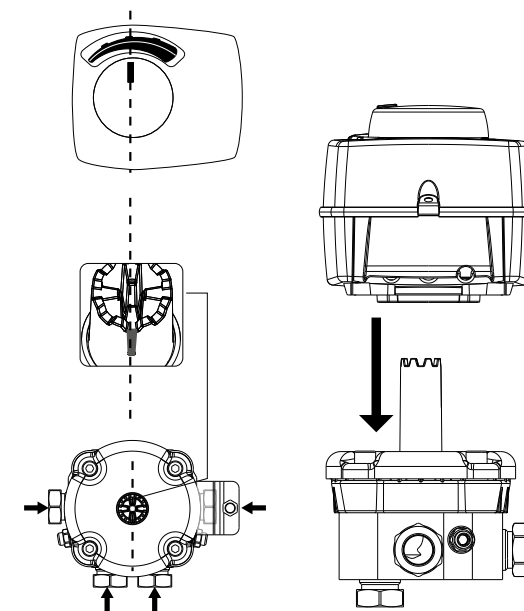


h



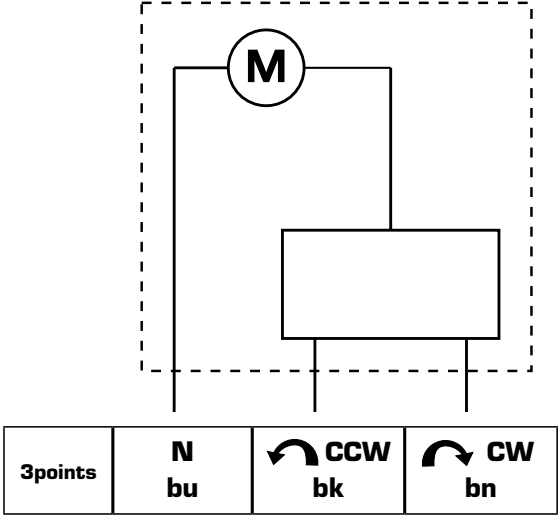
*We would like to pinpoint to the existence of a German patent DE 19821256C5 affecting the usage of bivalent 4-way valves in liquid circulation heating systems. In this patent the usage of a 4-way bivalent valve in a type of heating system is protected in which 2 different heating circuits are operated in parallel, where the return of the first circuit is utilized as heat source for the parallel second heat circuit. A typical application would be a primary heat circuit with a heat source and a parallel floor heating, where the floor heating in a regulated manner is heated through its heat source and the return from the primary heat circuit is utilized as alternative secondary heat source for the floor heating. Such a utilization of our bivalent 4-way valve without approval of the patent holder is forbidden. All other applications our product group VRB are without restrictions possible.

SERIES VRC160

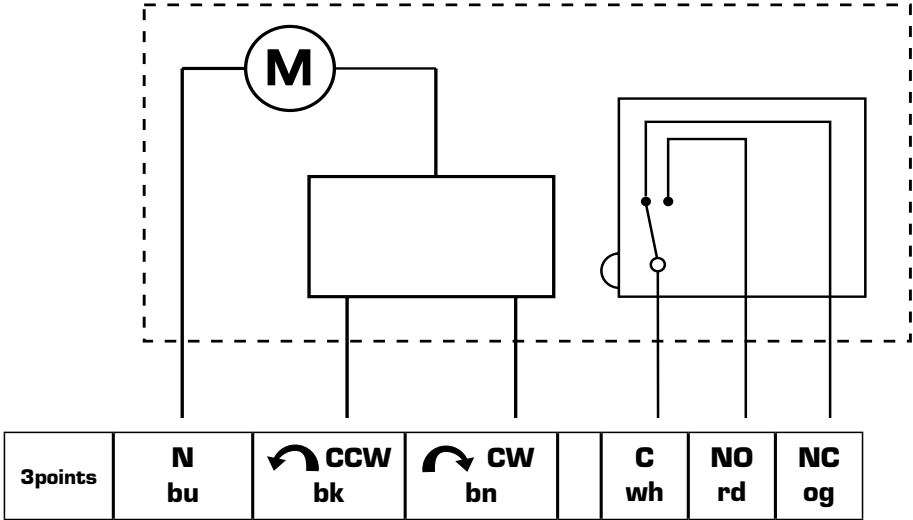




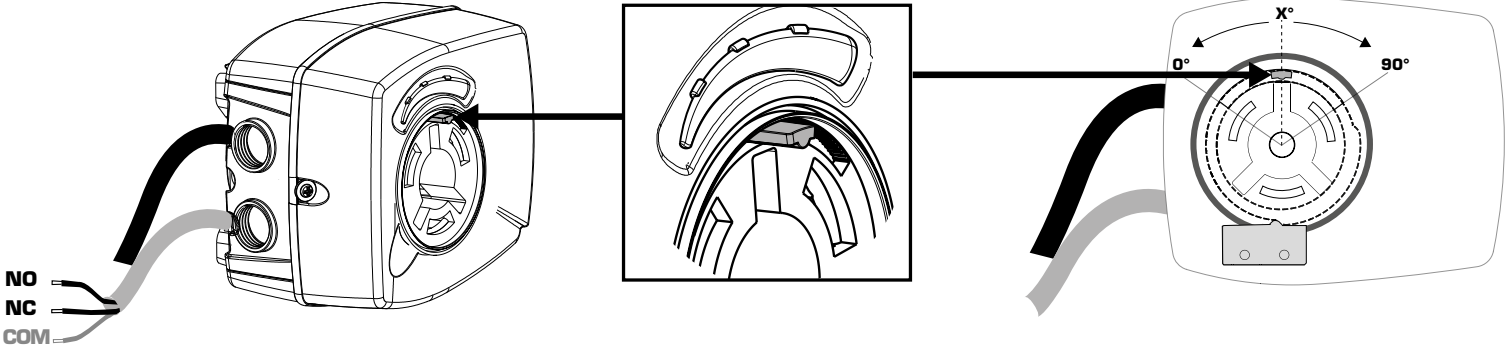
Series ARA6x1, ARA6x3



Series ARA6x2, ARA6x4



Series ARA6x2, 6x4



	0° - (90° - x°)	(90° - x°) - 90°
NO		
NC		
	X° = 45°	



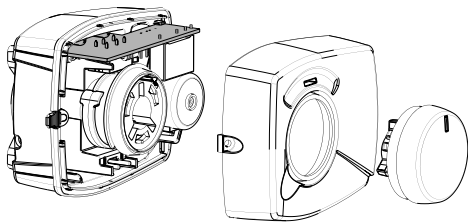
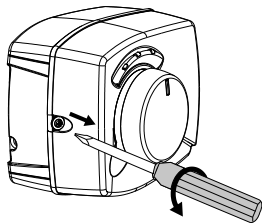
Series ARA69x



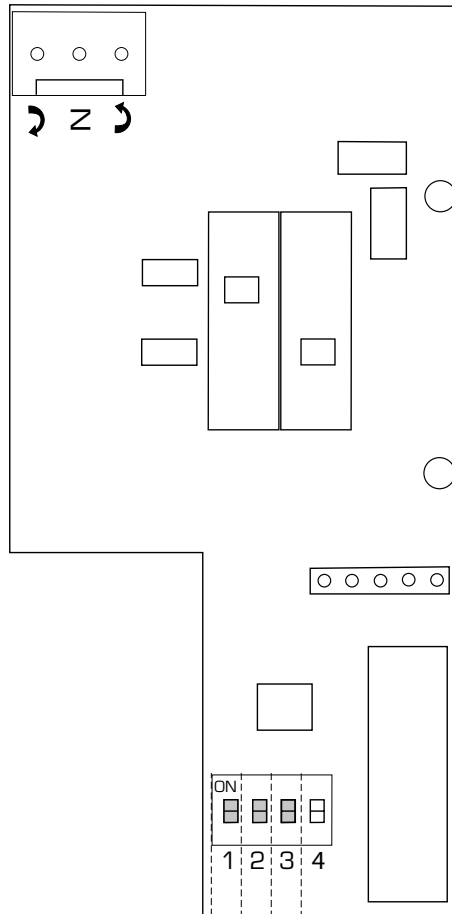
1



2



ON				
1	2	3	4	



ON				
1	2	3	4	

3	
-	0,5s
ON	1s

1	2		
-	-		120s
-	ON		240s
ON	-		480s
ON	ON		1200s



2 1

