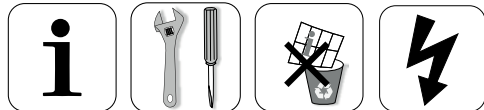


ESBE

SERIES CRA, CRB, CRC, CRD, CRS



Series CRA110, CRA140, CRA150
 Series CRB100
 Series CRC110, CRC140
 Series CRD100
 Series CRS130

LVD 2014/35/EU
 EMC 2014/30/EU
 RoHS 2011/65/EU
 RED 2014/53/EU
 EN 300220-2

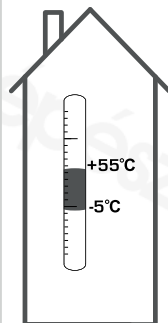
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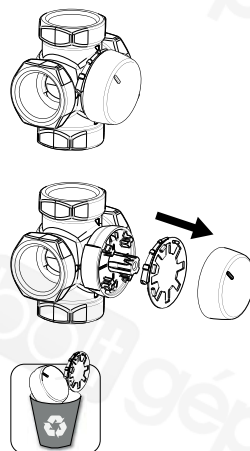
DECLARATION OF CONFORMITY
<http://www.esbe.eu/global/en/support/download-documents> (Certificates)



i



1

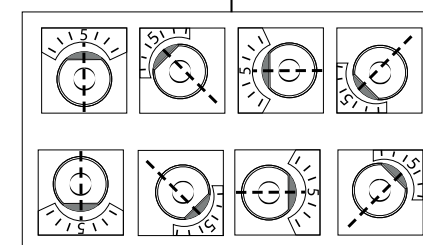
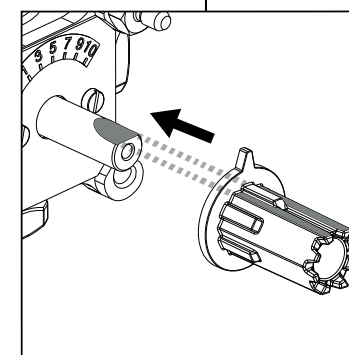
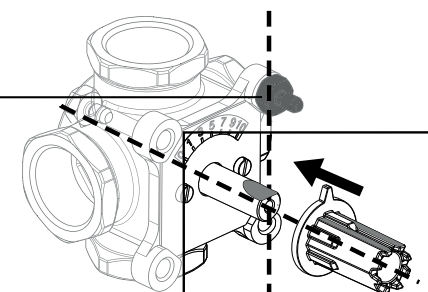


3



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



CRA110, CRA140, CRA150
 CRB100
 CRC110, CRC140
 CRD100
 CRS130



VRG, VRB, VRH

3MG, 4MG



3G, 4G

3F, 4F ≤ DN50

3HG, 4HG, 3H, 4H

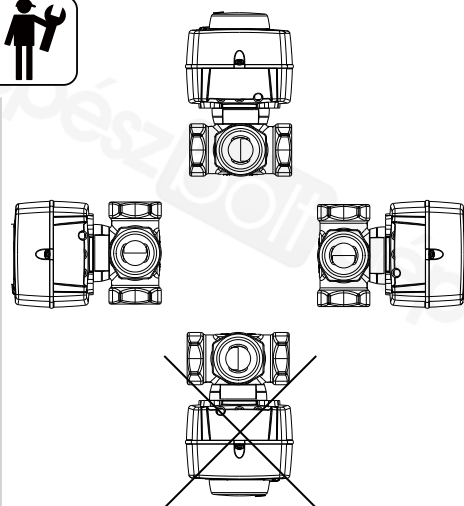


BIV

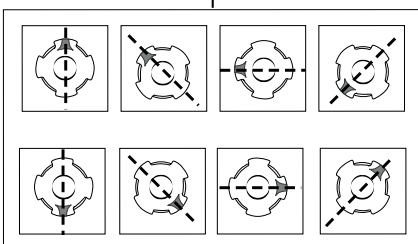
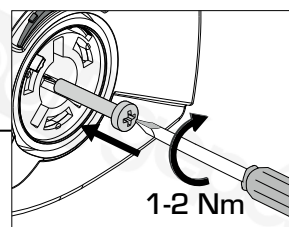
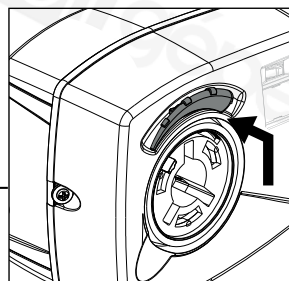
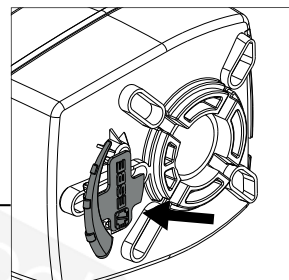
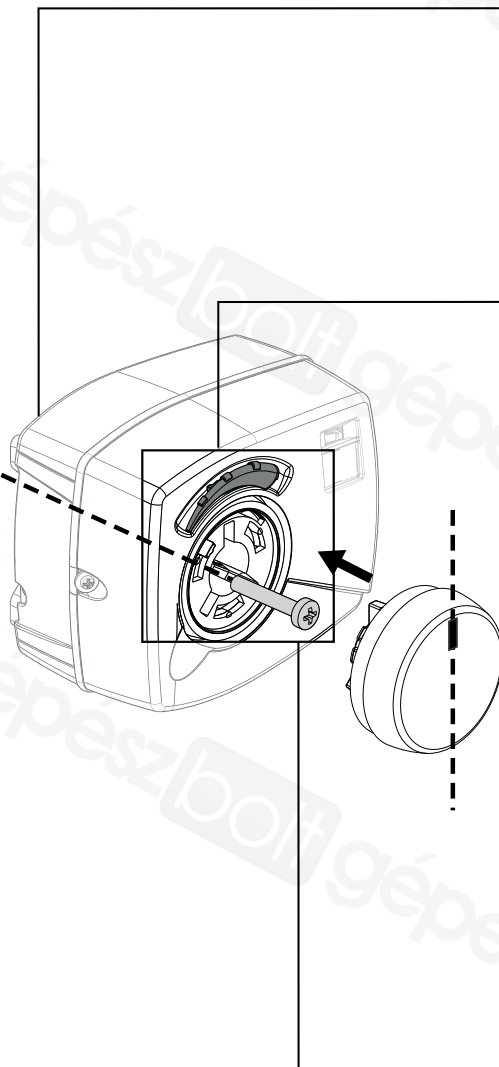
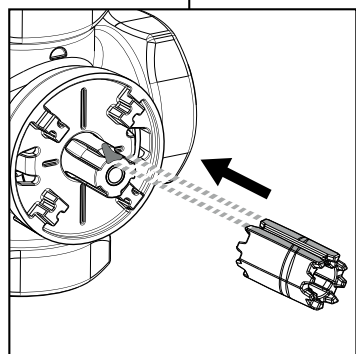
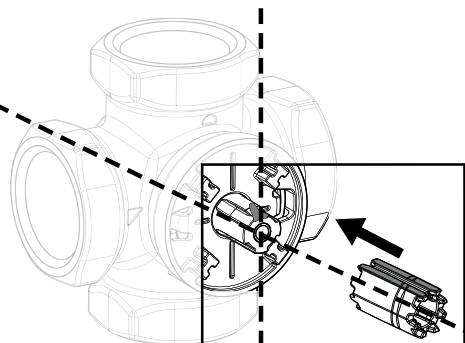


T, TM

2



**VRG130, VRG140,
VRG230, VRG330
VRB140, VRH130**



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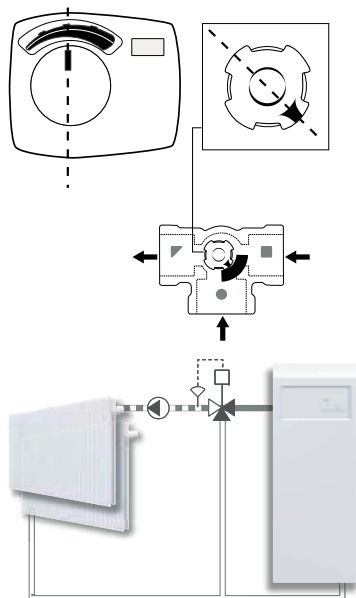
SERIES
**CRA110, CRA140, CRA150, CRB100,
CRC110, CRC140, CRD100, CRS130**

ESBE®

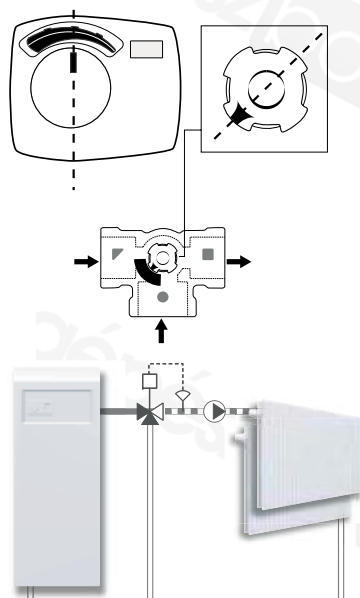
NO.1 IN HYDRONIC SYSTEM CONTROL

SERIES VRG130

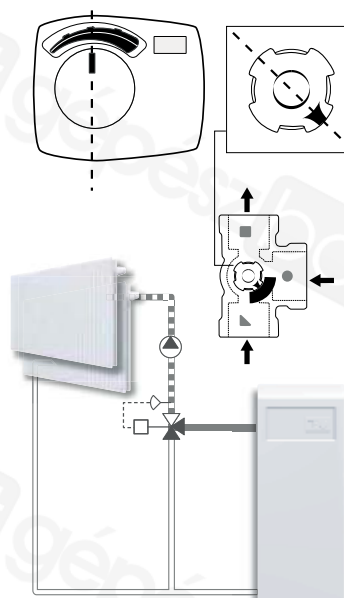
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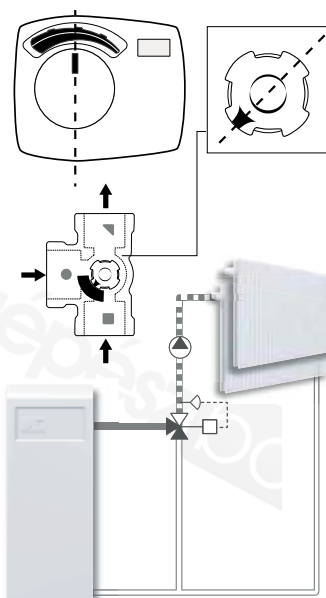
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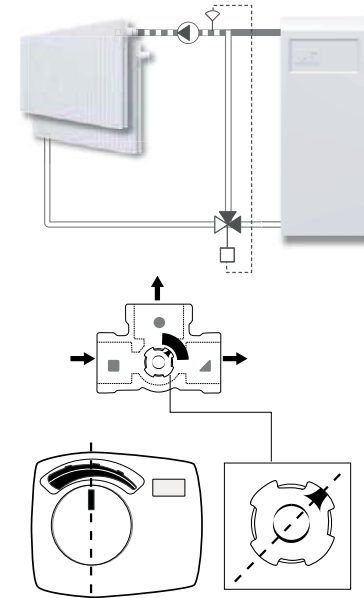
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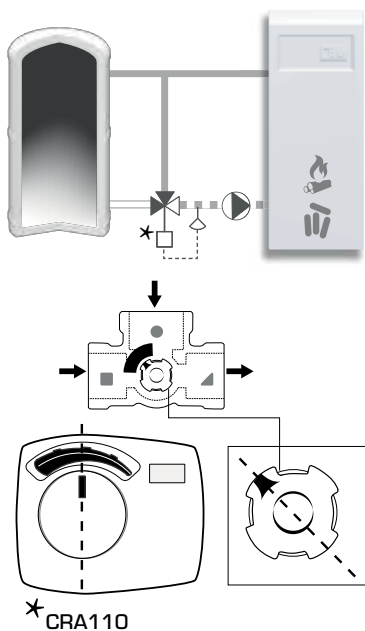
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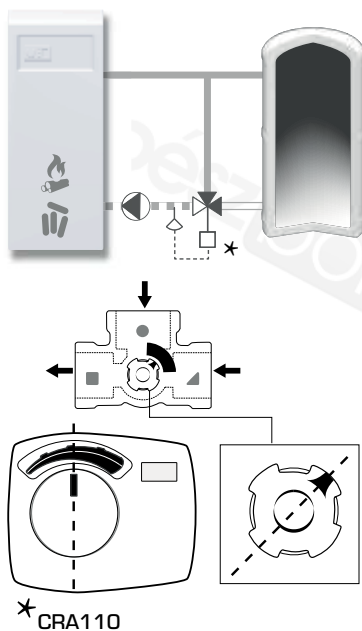
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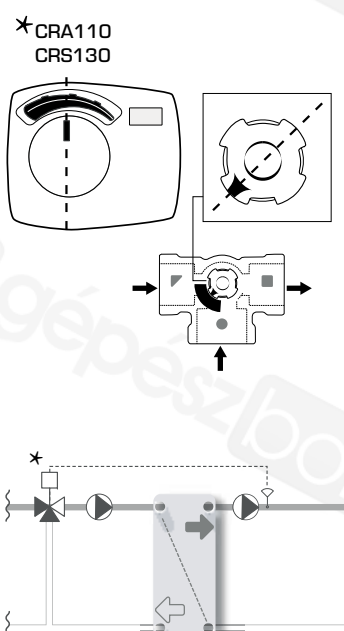
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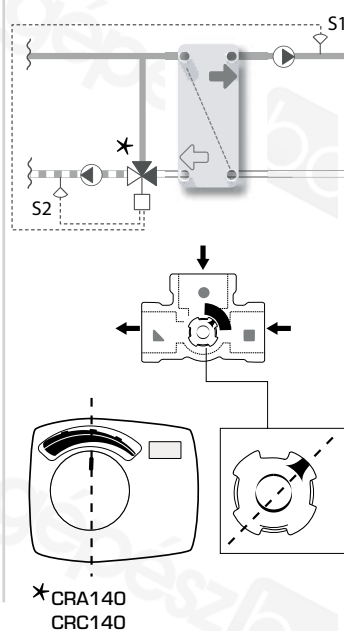
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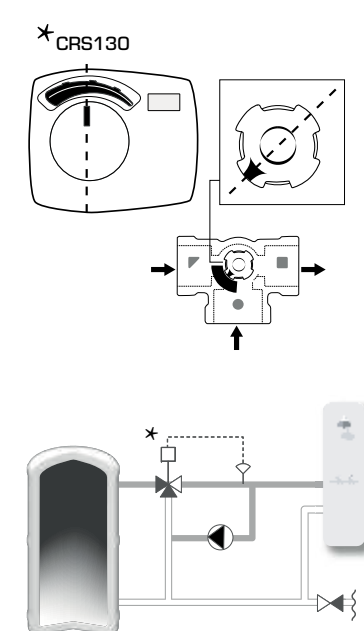
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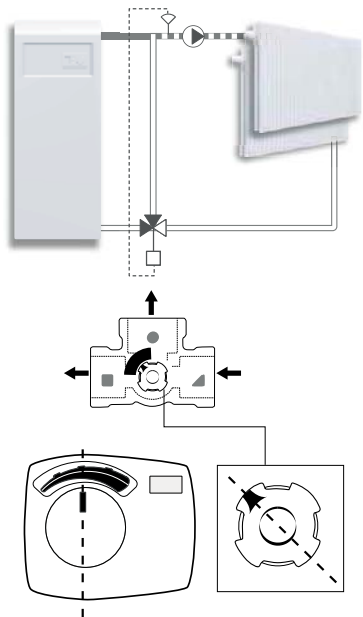
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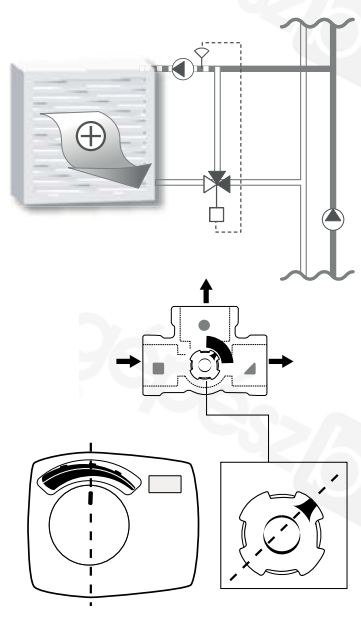
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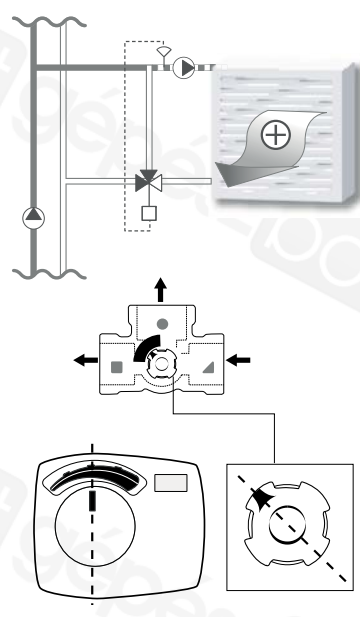
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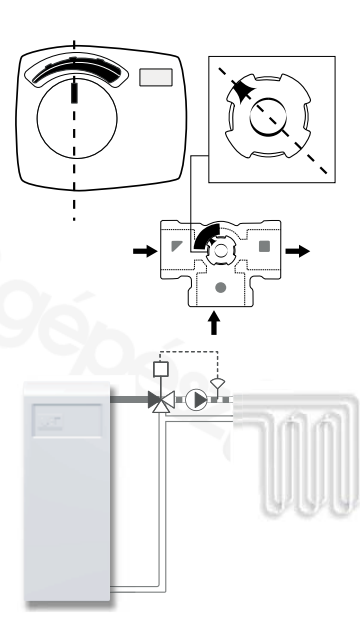
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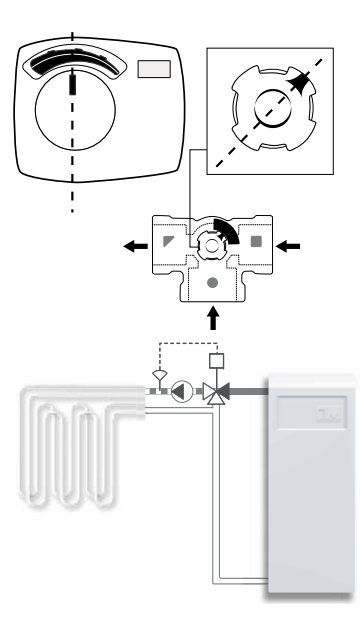
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i

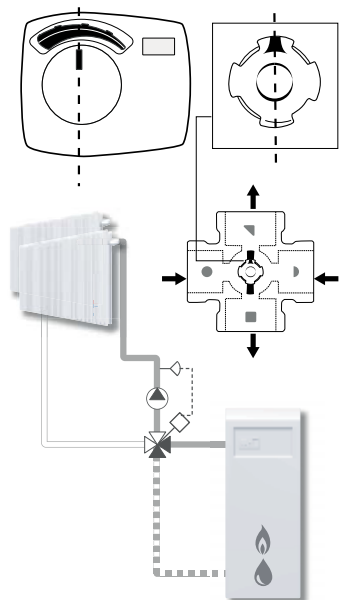


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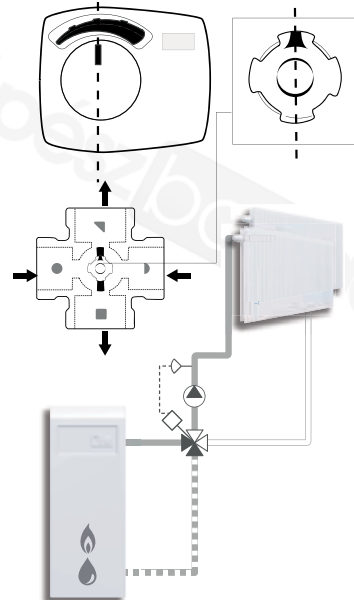


SERIES VRG140

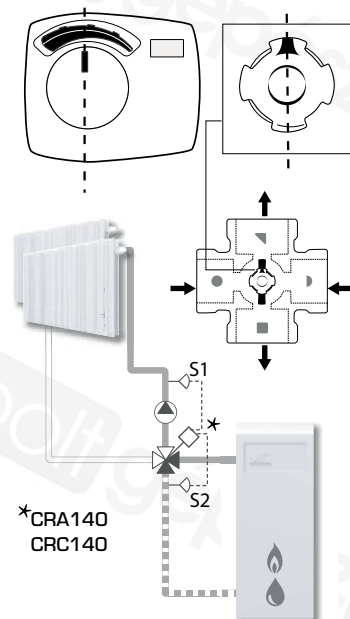
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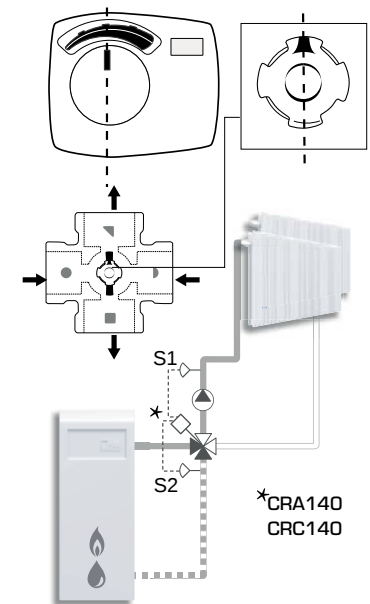


c



*CRA140
CRC140

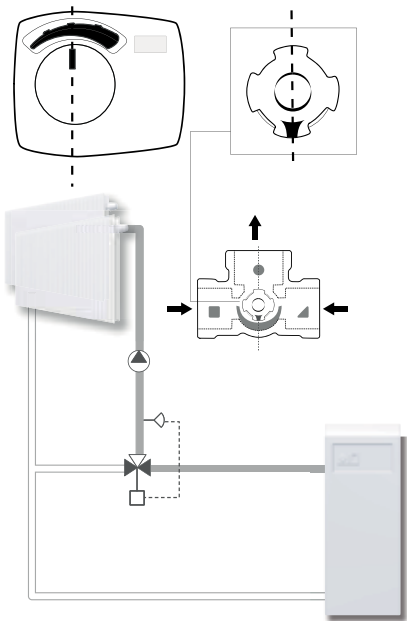
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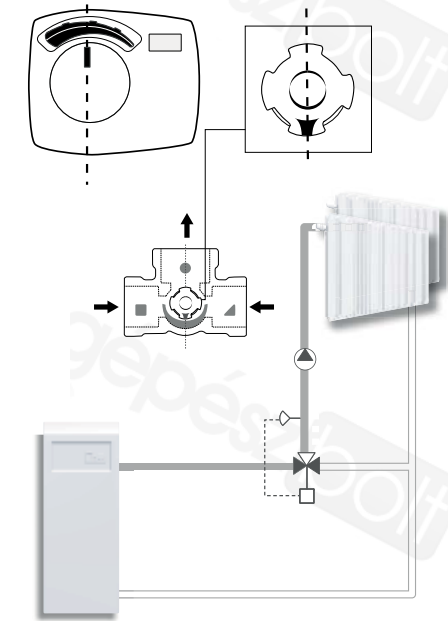
*CRA140
CRC140

SERIES VRG230

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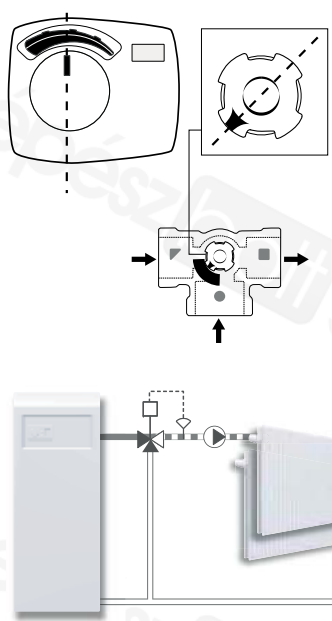


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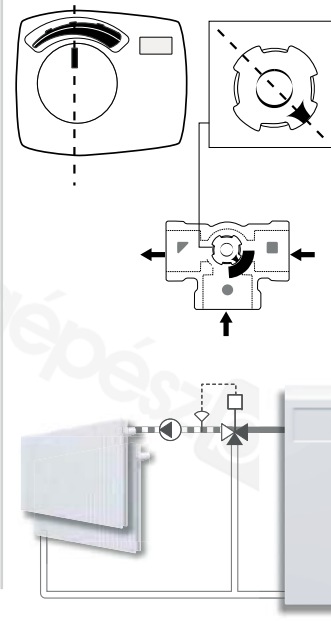


SERIES VRG330

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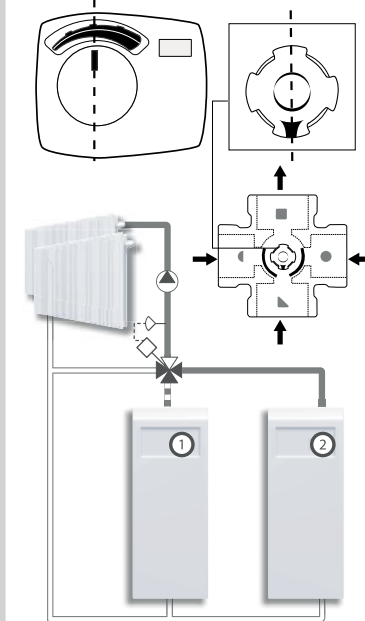


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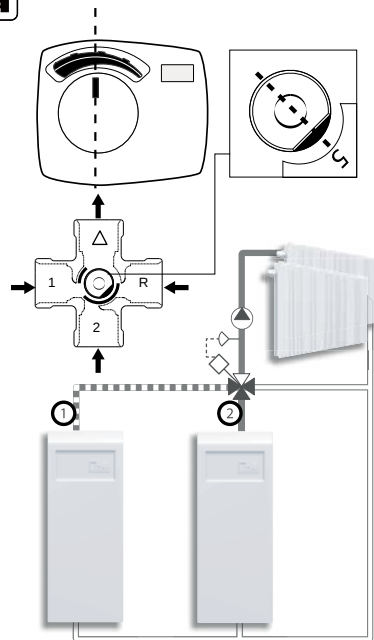
SERIES VRB140

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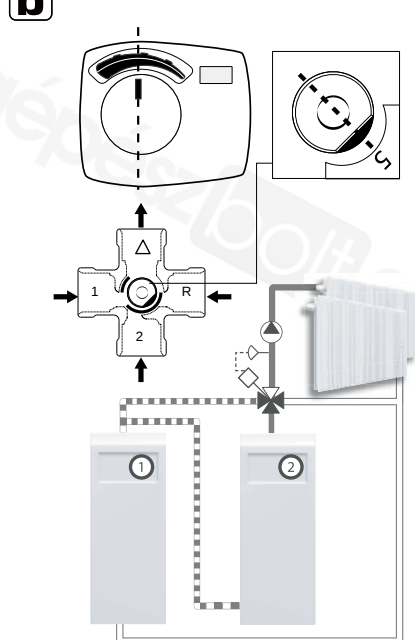


SERIES BIV

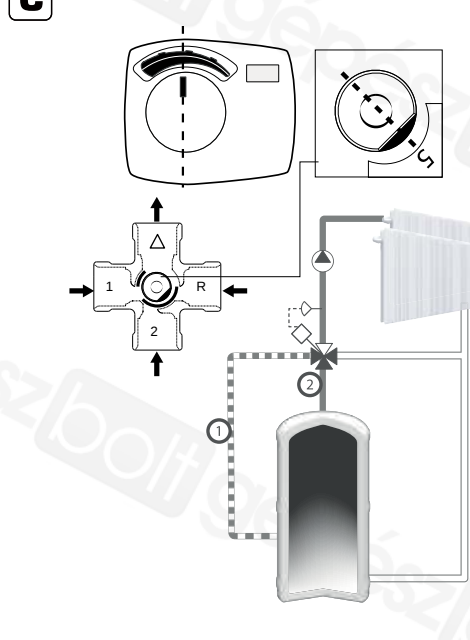
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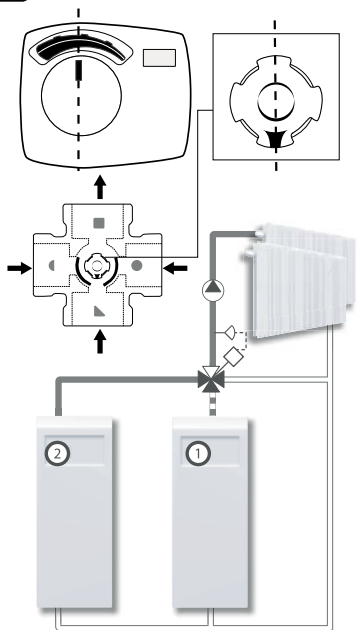
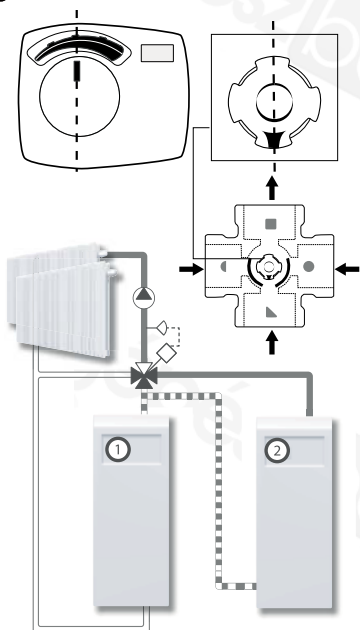
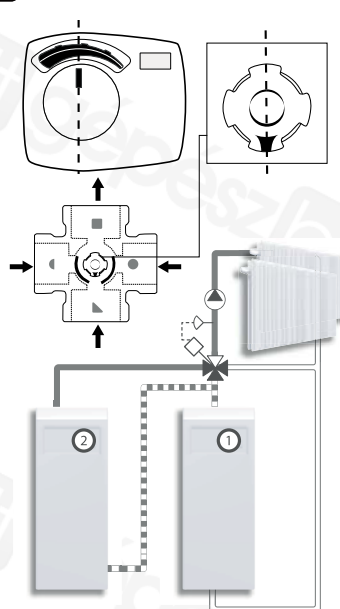
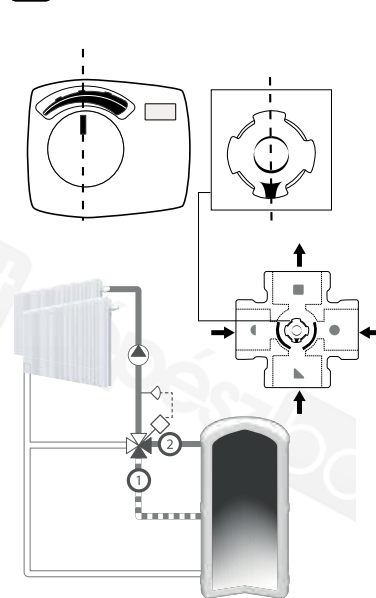
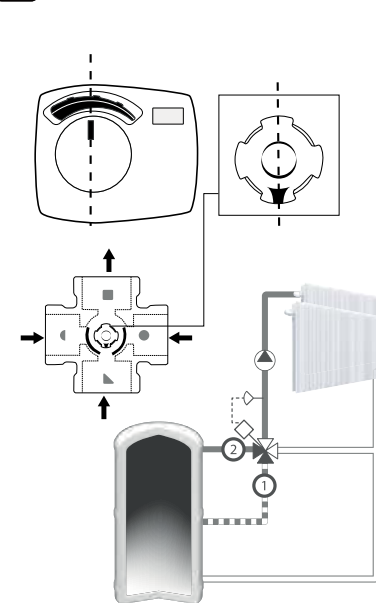
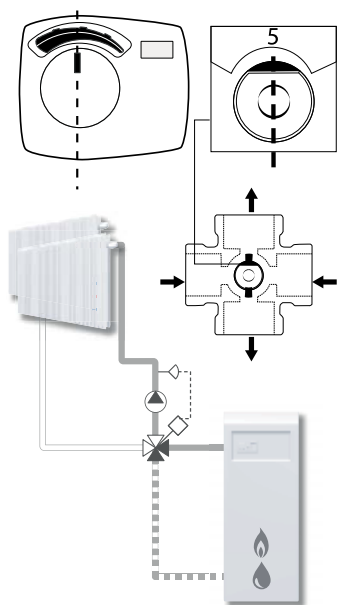
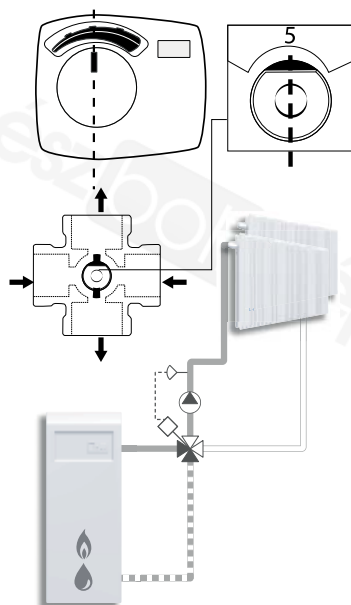
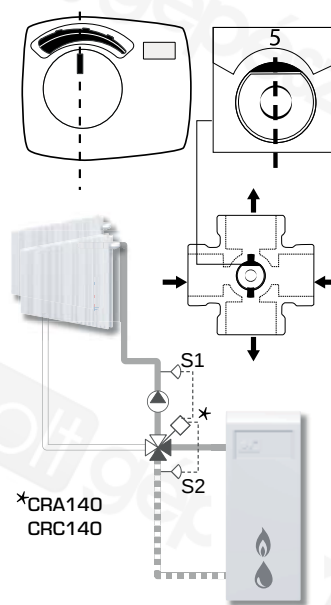
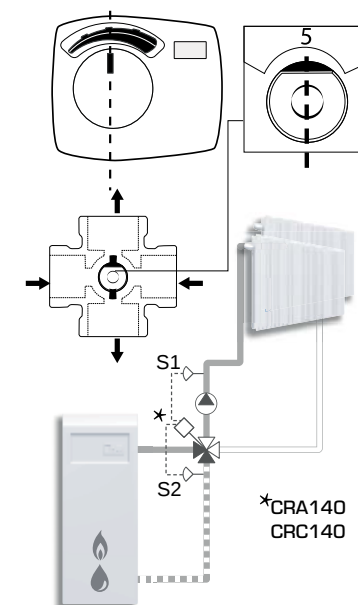
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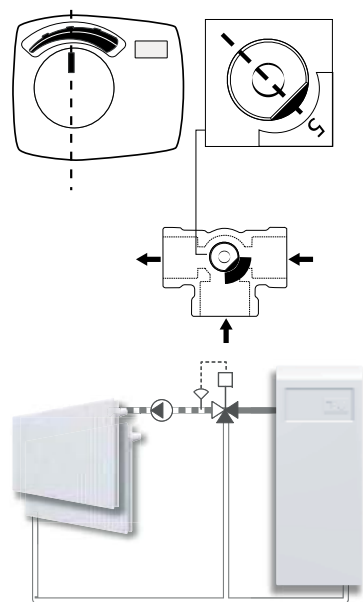


*We would like to point out to the existence of a German patent DE 1 982 135 G05 affecting the usage of bivalent 4-way valves in liquid circulation heating systems. In this patent the use of a 4-way bivalent valve as a type of heating system is protected in which 2 different heating circuits are operated 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.

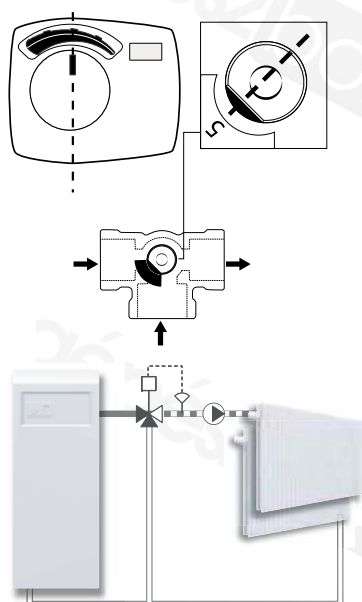
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CRC140**d***CRA140
CRC140

SERIES 3F, 3MG, 3G

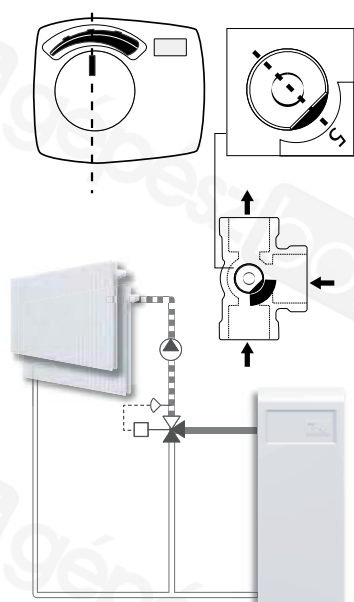
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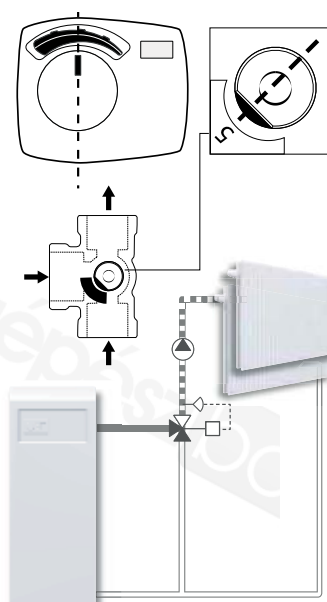
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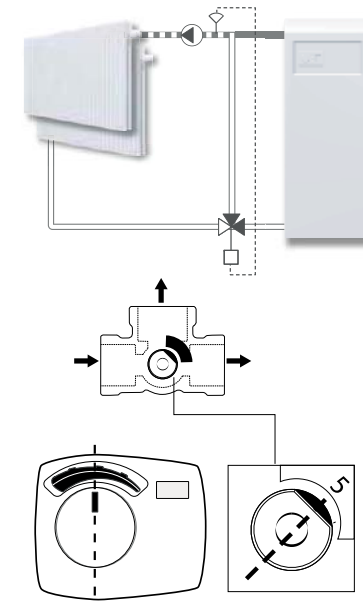
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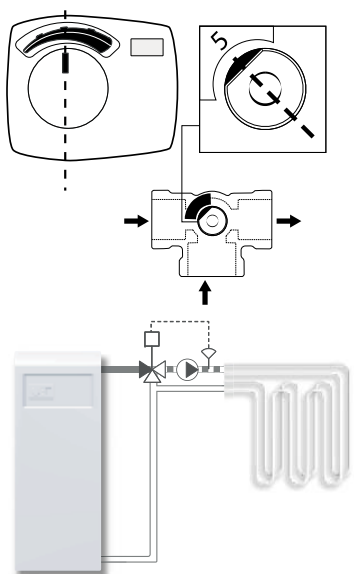
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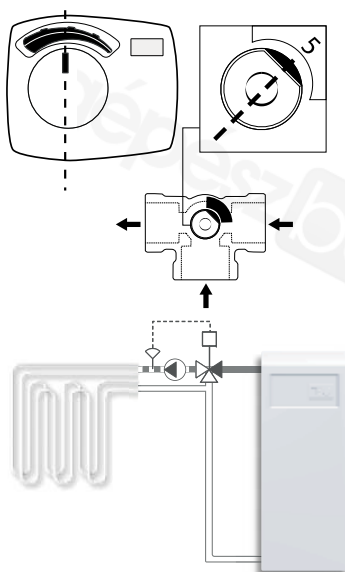
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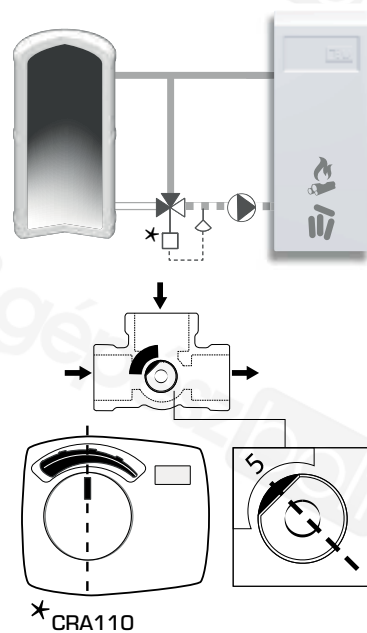
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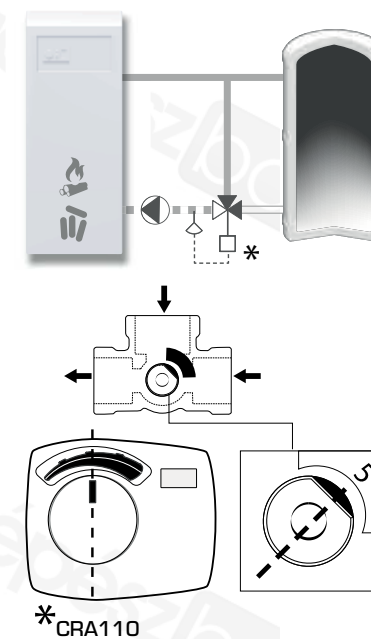
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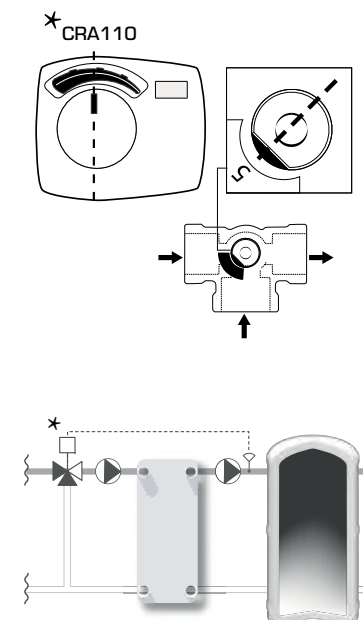
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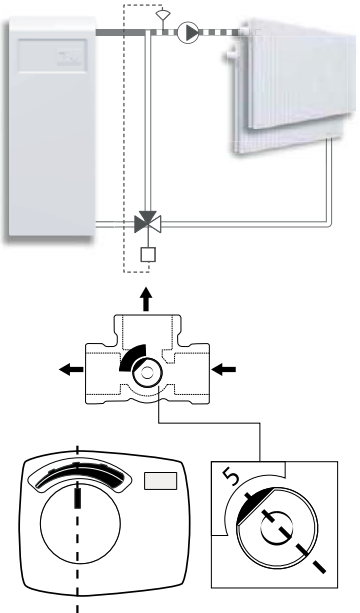
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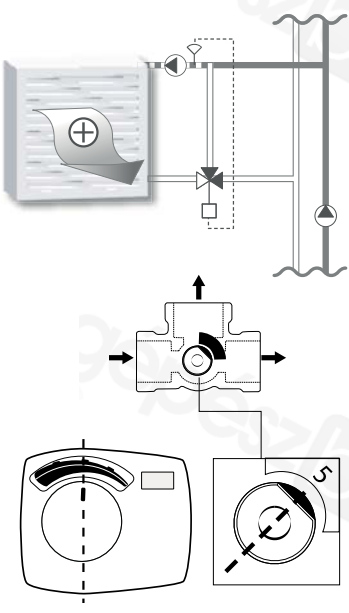
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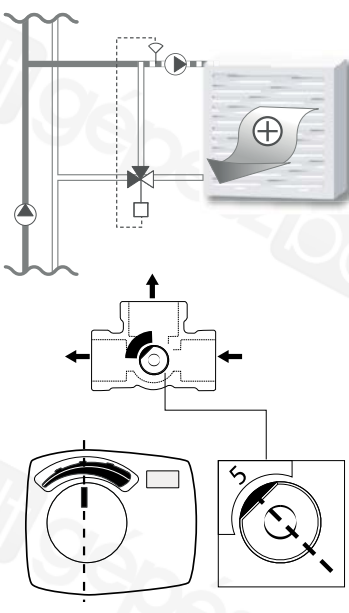
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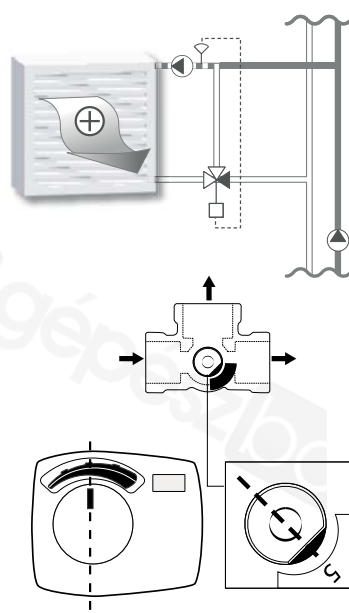
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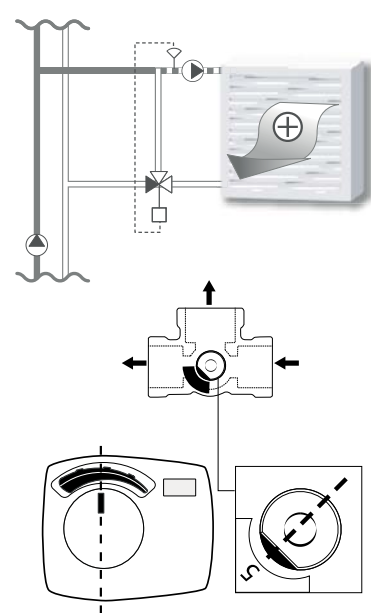
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i

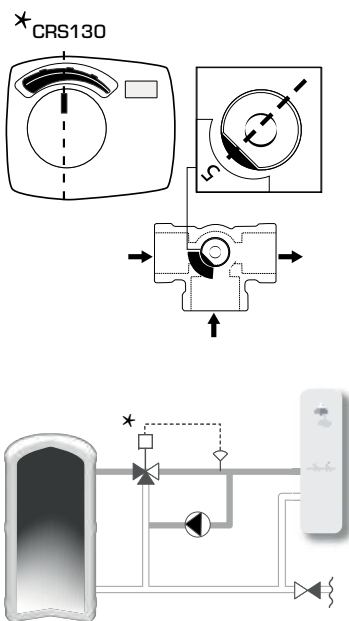


j



SERIES 3F, 3MG, 3G

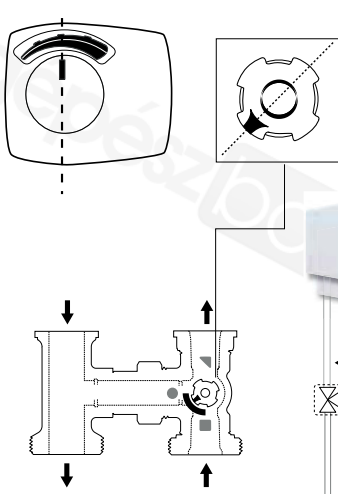
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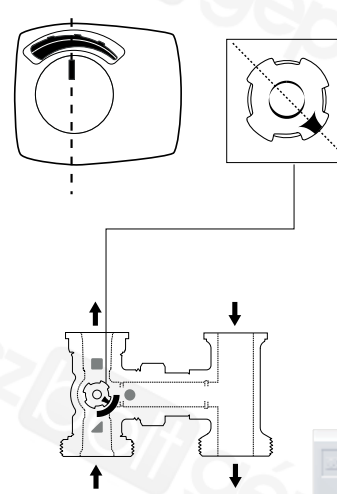
SERIES 3F, 3MG, 3G

SERIES VRH130

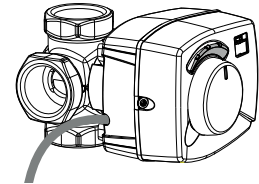
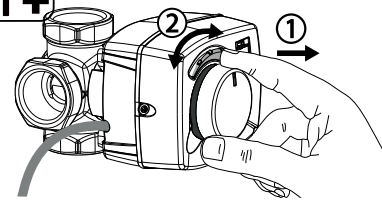
a



b



i



Piping Schematics are General Representations