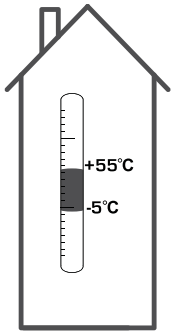
ESBE
SERIES CRA, CRB, CRC

Series CRA110
Series CRB100
Series CRC110

CE

LVD 2006/95/EC
EMC 2004/108/EC
RoHS 2011/65/EC



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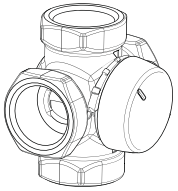

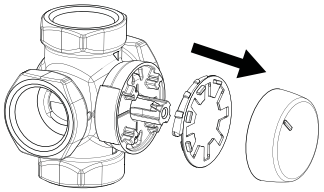

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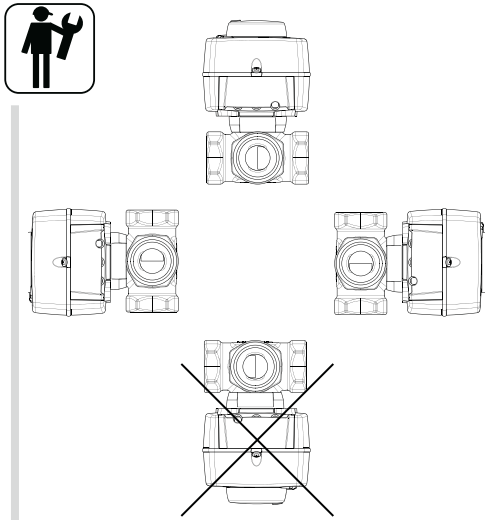
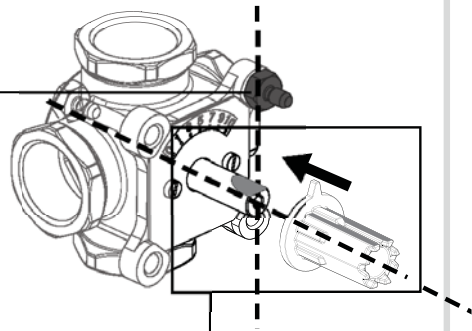
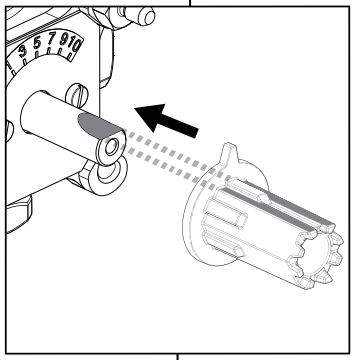


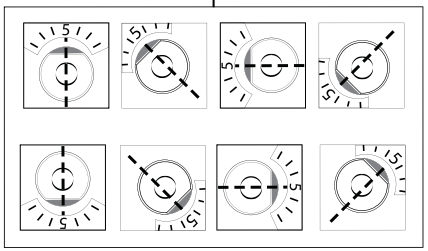
3

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

3MG, 4MG	DN15-25	
3G, 4G	DN20-40	
	DN50	
3F, 4F ≤ DN50	DN20-25	
	DN32-50	
3HG, 4HG, 3H, 4H	H: DN25	
	H: DN32-50	
	HG: DN25	
BIV	DN20-22	
	DN25	
T, TM	T: DN20-32	
	TM: DN20	







i

CRA110, CRB100, CRC110

+

VRG130, VRG140, VRG230, VRB140

3MG, 4MG

3G, 4G

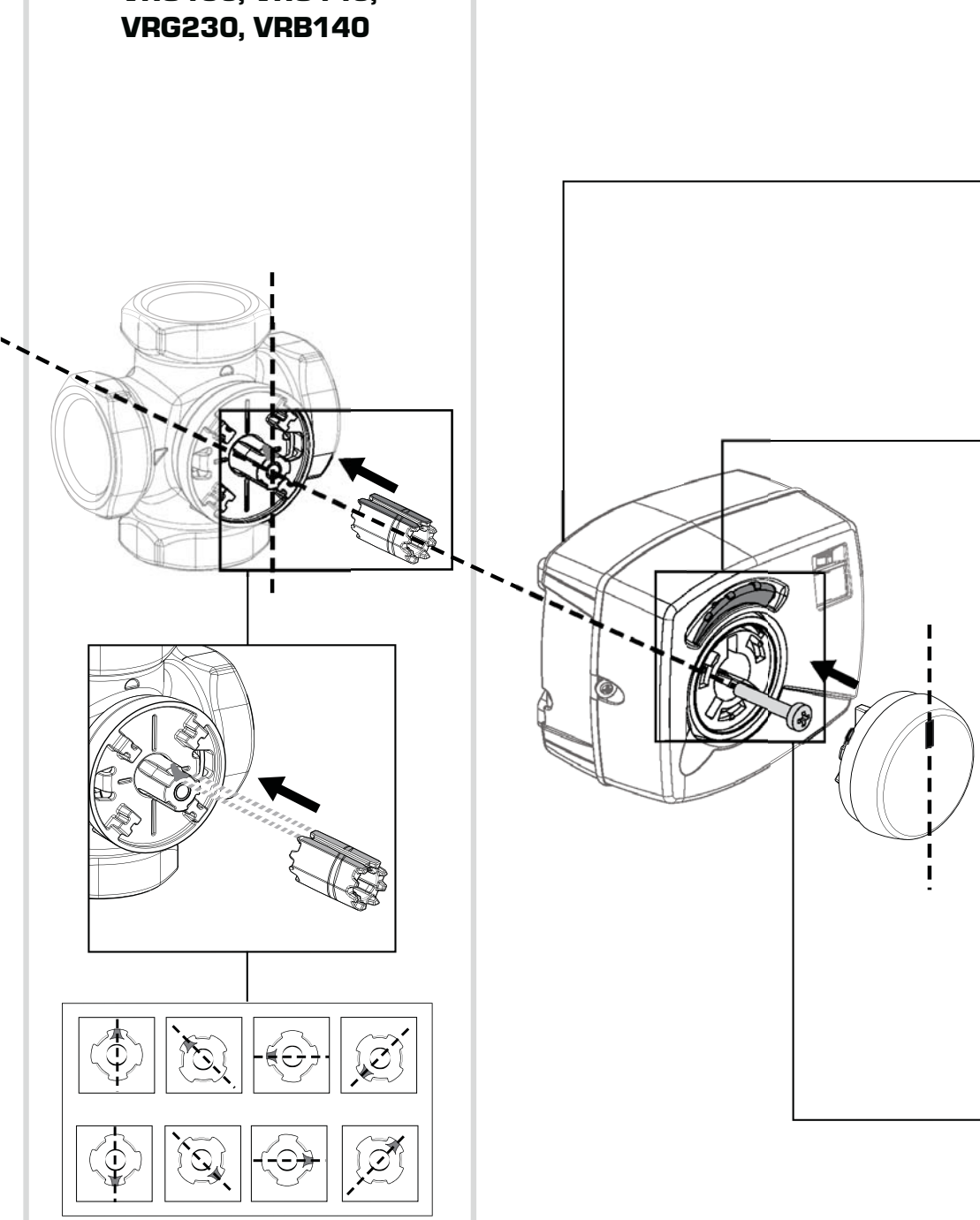
3F, 4F ≤ DN50

3HG, 4HG, 3H, 4H

BIV

T, TM

VRG130, VRG140, VRG230, VRB140



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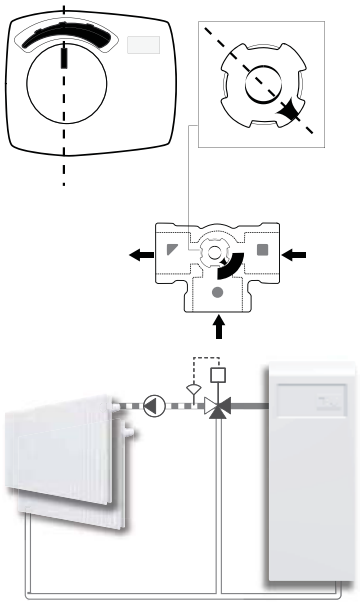
Mtrl.nr. 98140403 • Ritn.nr. 8308 utg. C • Rev. 1305

SERIES
CRA110, CRB100, CRC110

ESBE®

NO.1 IN HYDRONIC SYSTEM CONTROL

a



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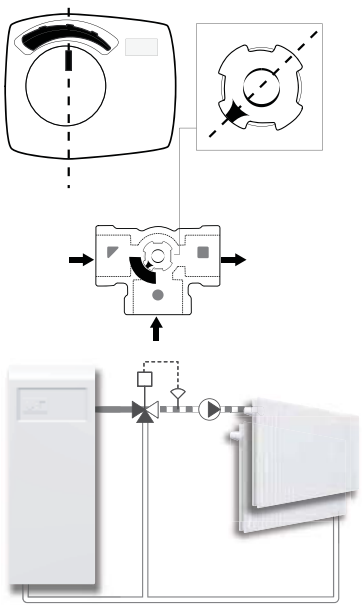

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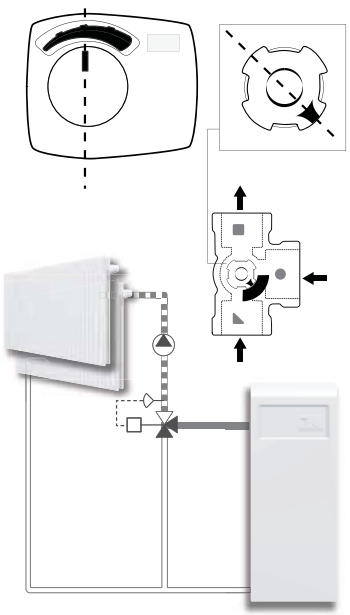

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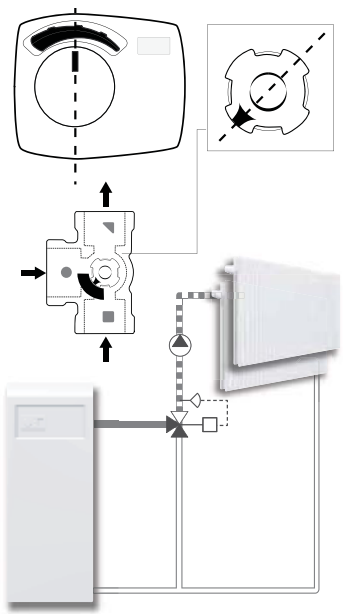

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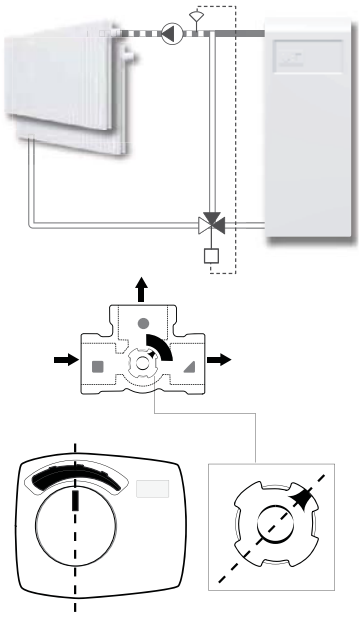

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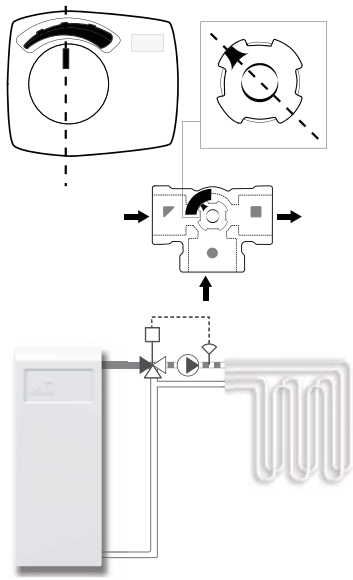

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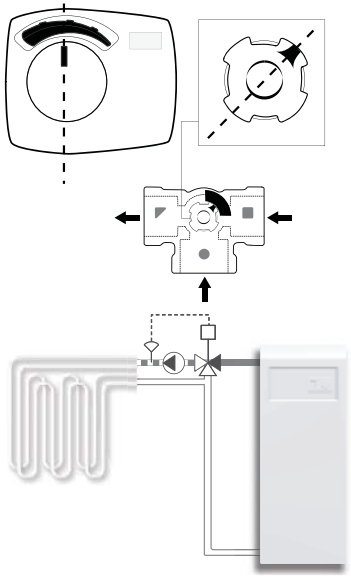

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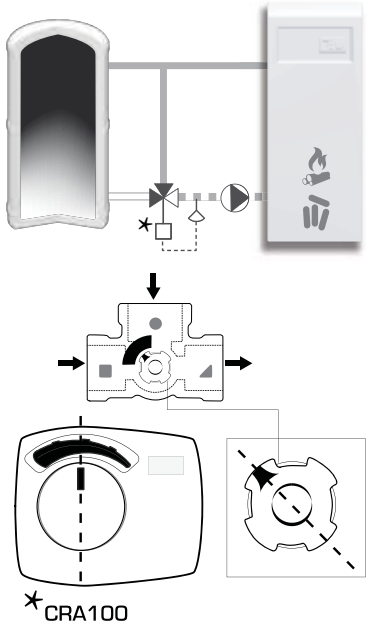

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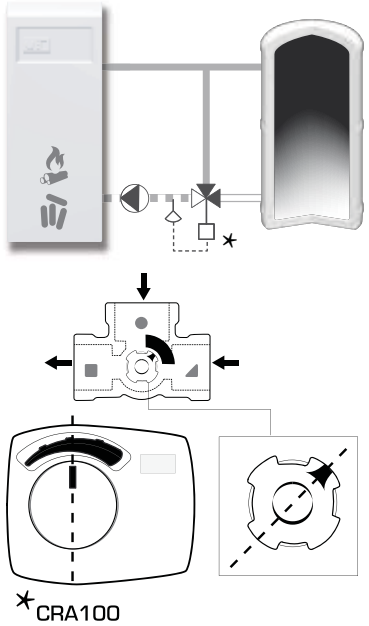

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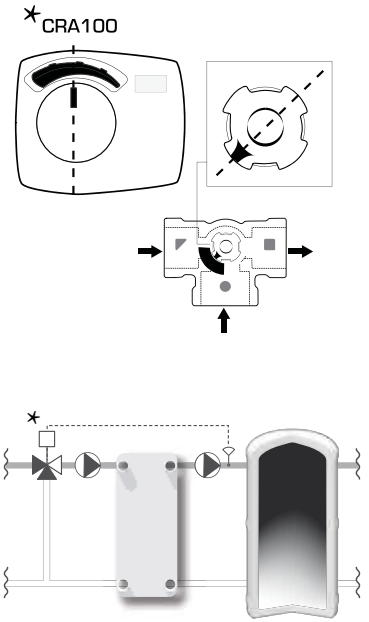

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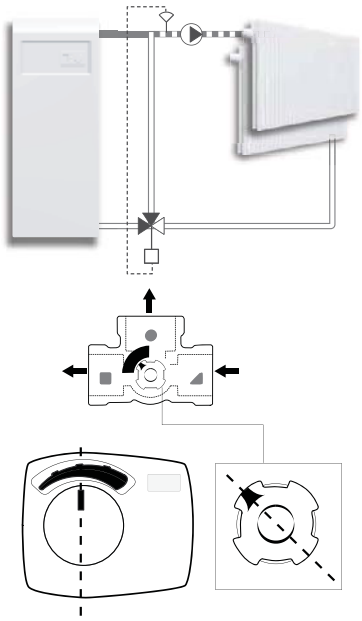

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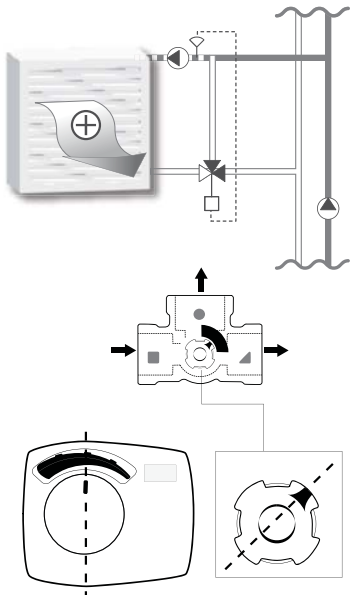

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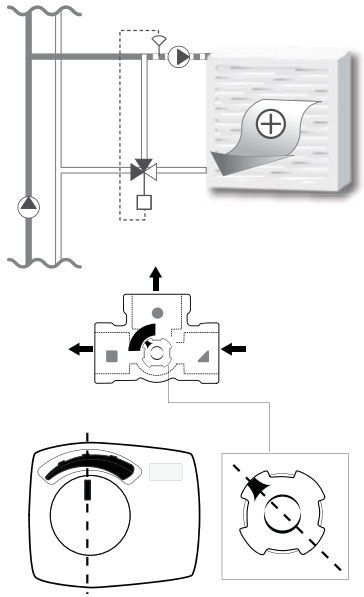

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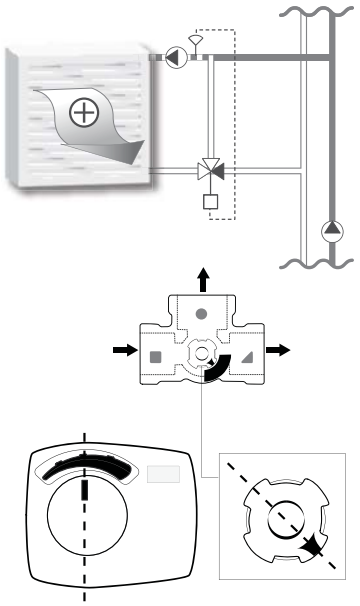

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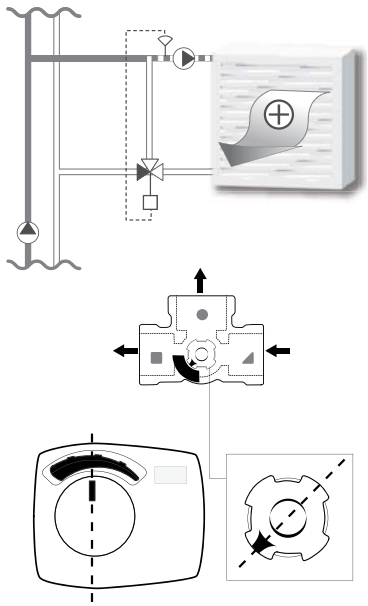

SERIES VRG130

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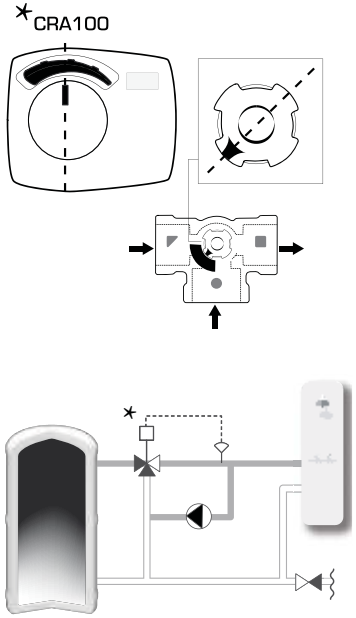
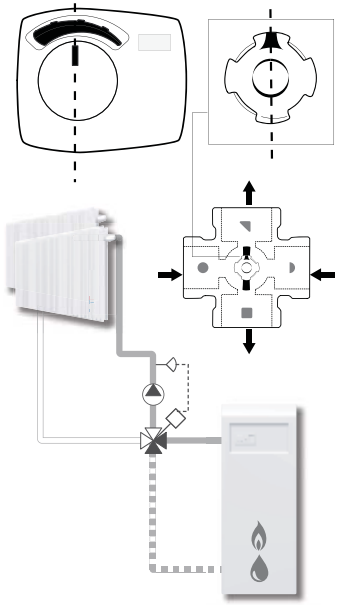


SERIES VRG130

SERIES VRG140

a



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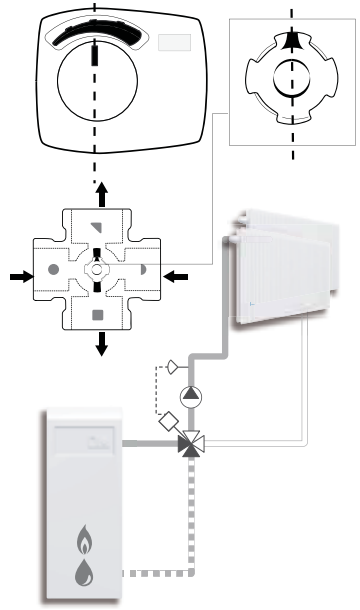

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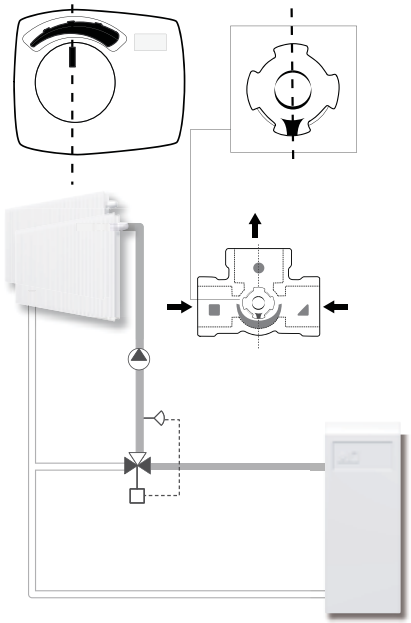

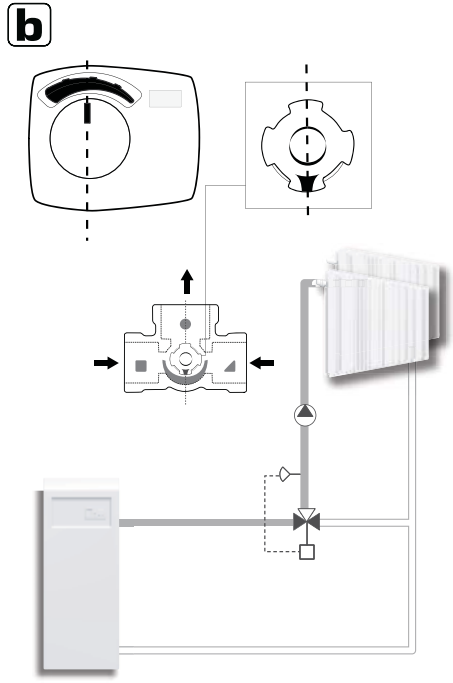

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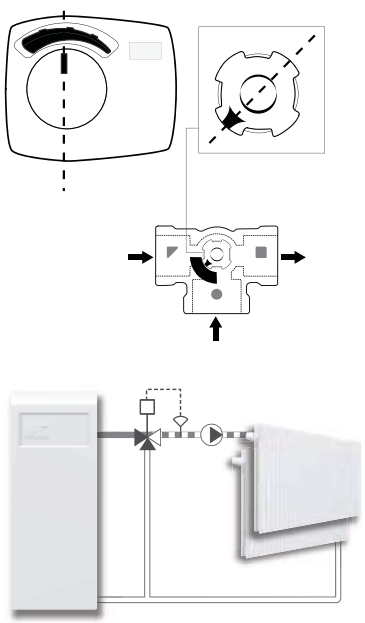

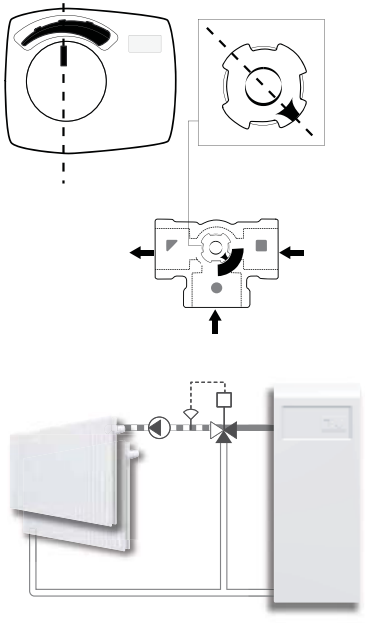

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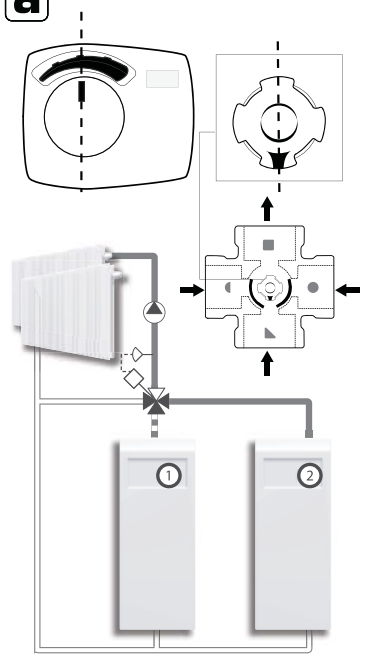
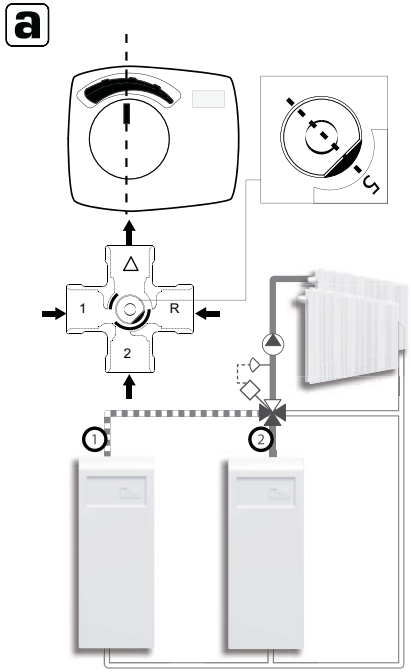
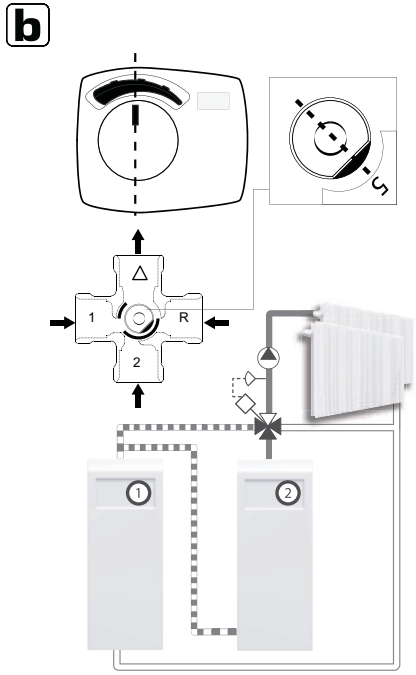
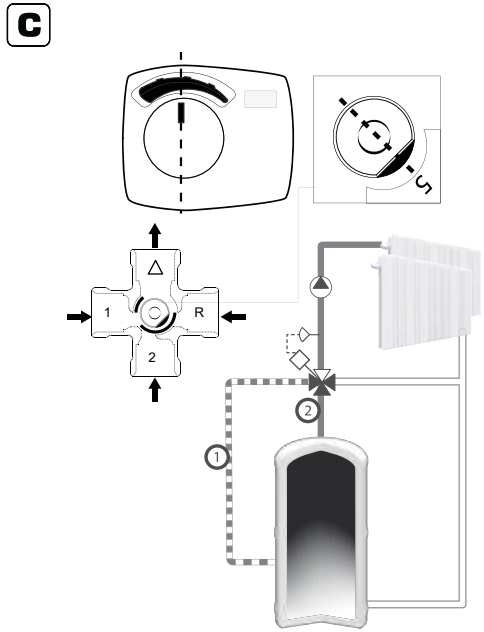


SERIES BIV

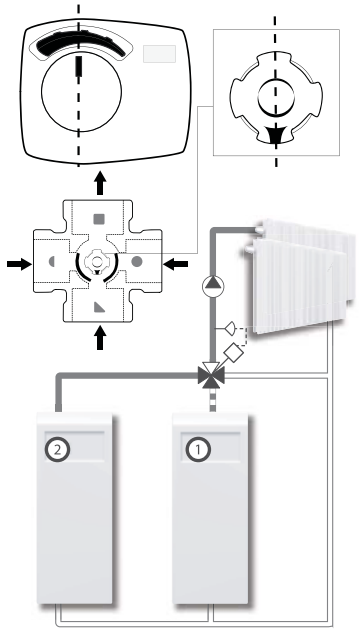






"We would like to pinpoint to the existence of a German patent DE 19821256C5 affecting the usage of bivalent 4-way valves in liquid circulation heating systems. In this patent the usage of a 4-way bivalent valve in a type of heating system is protected, in which 2 different heating circuits are operated 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."

b



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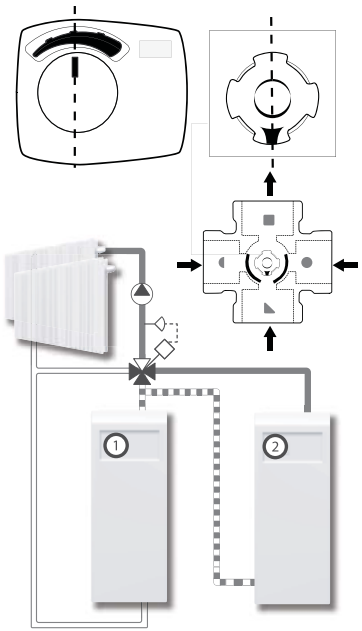

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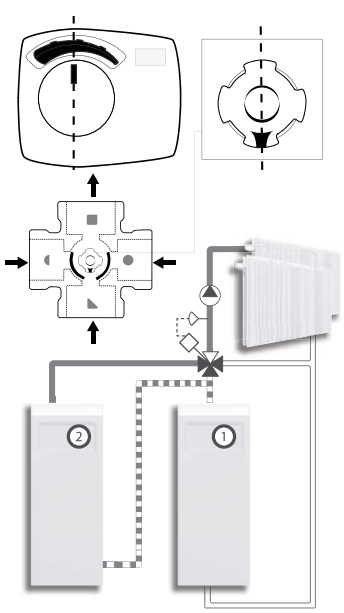

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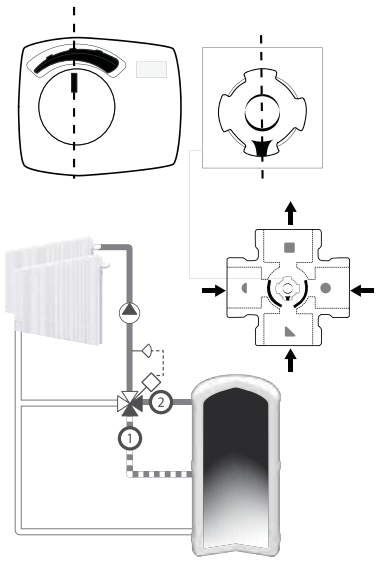

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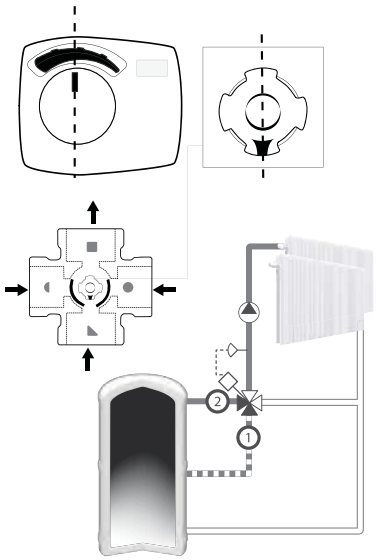

SERIES 4F, 4MG, 4G

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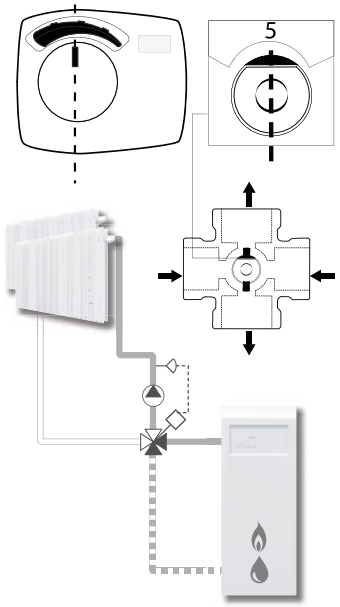

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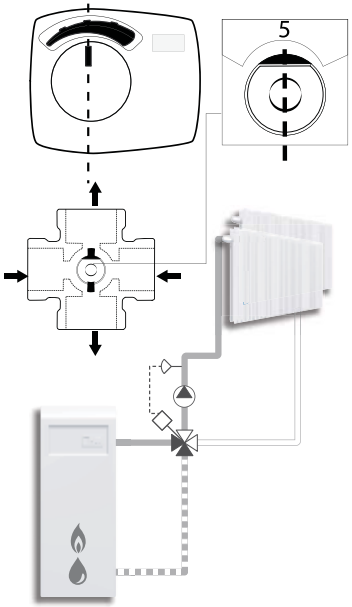
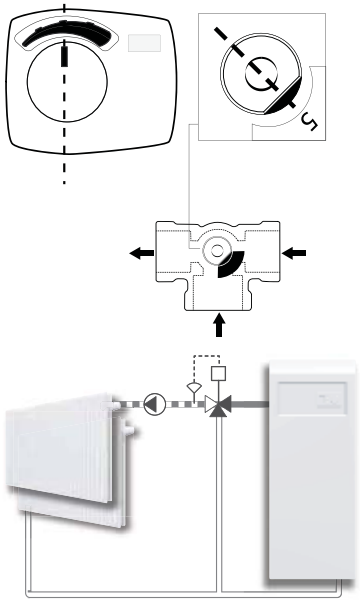


Piping Schematics are General Representations

a



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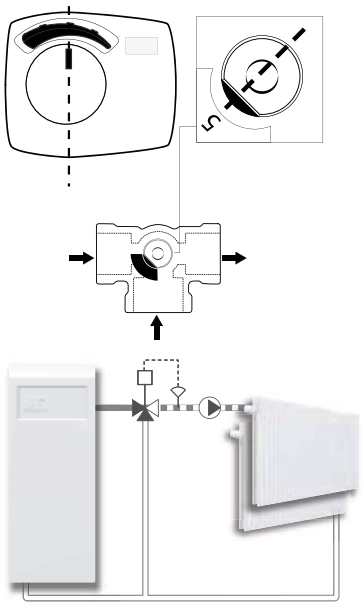

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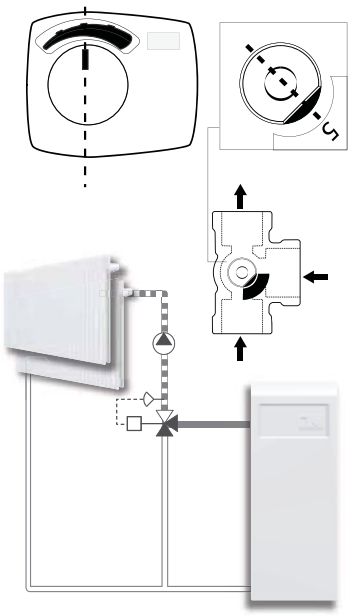

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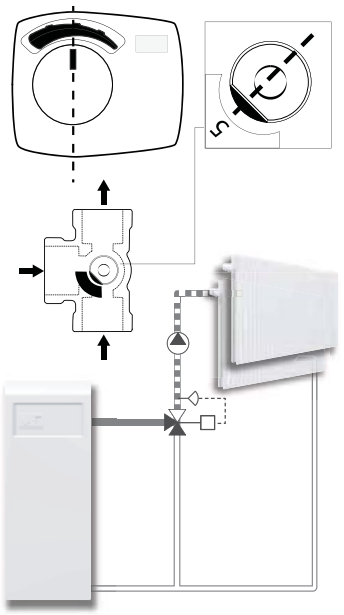

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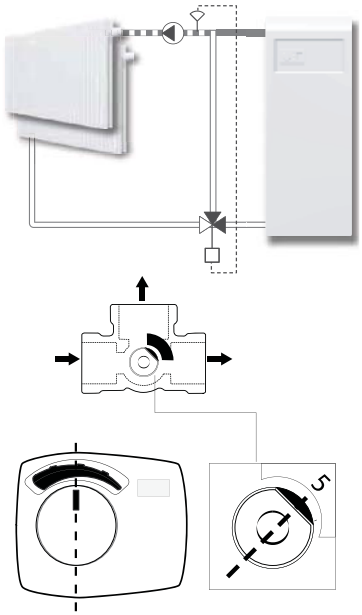

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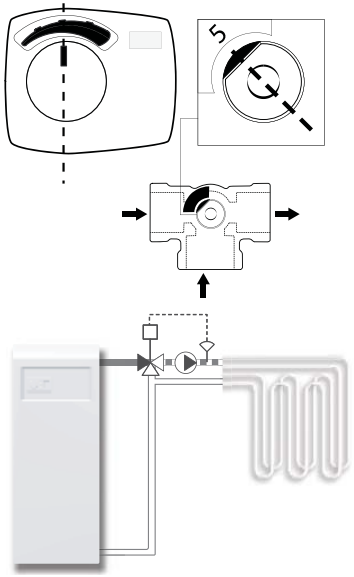

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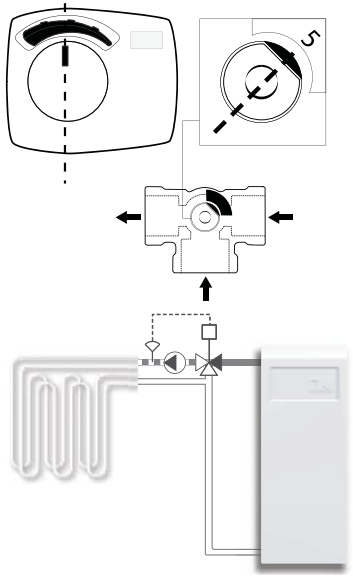

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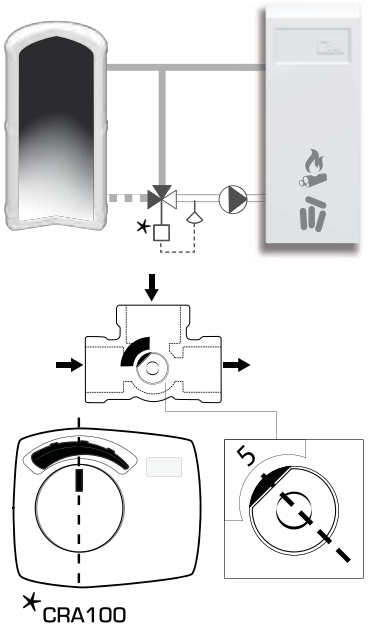

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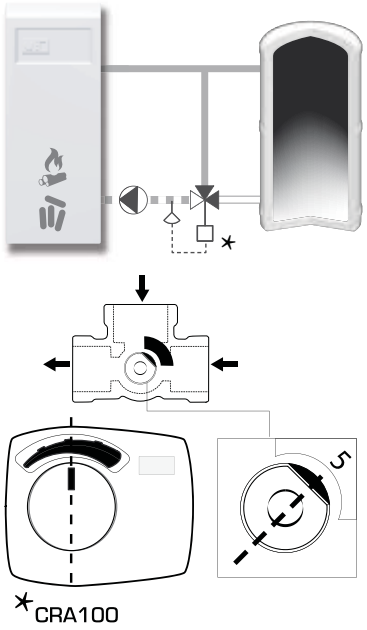

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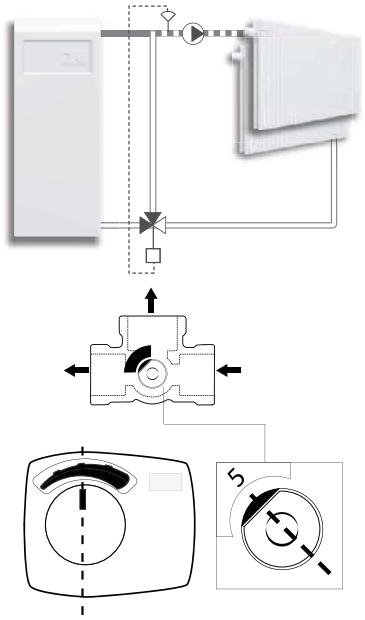

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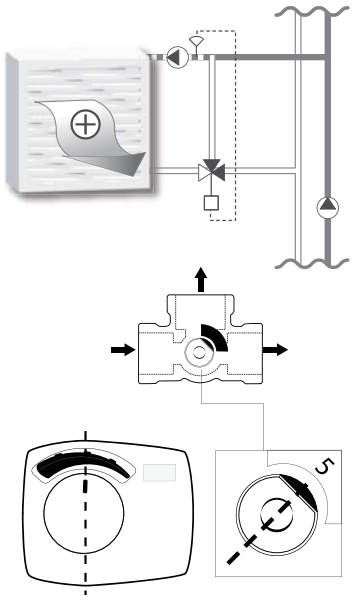

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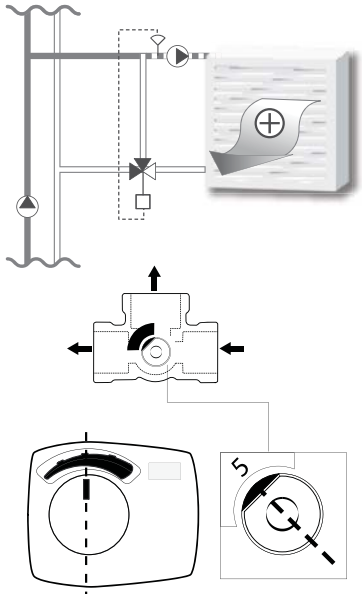

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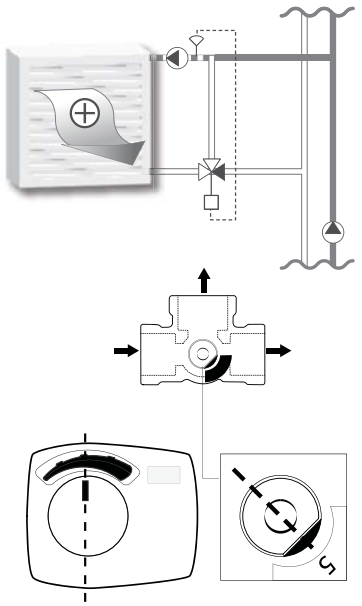

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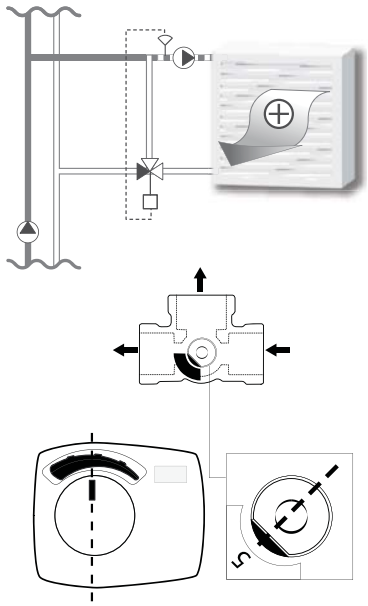

SERIES 3F, 3MG, 3G

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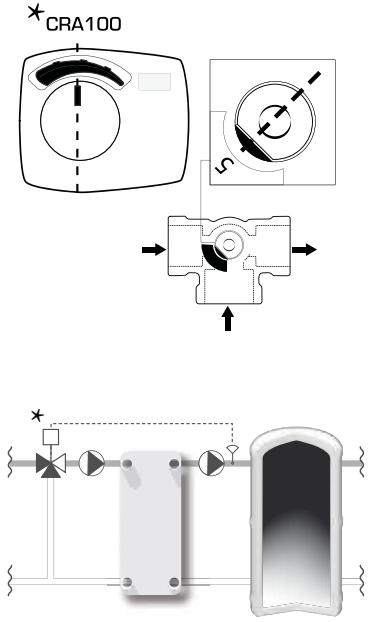

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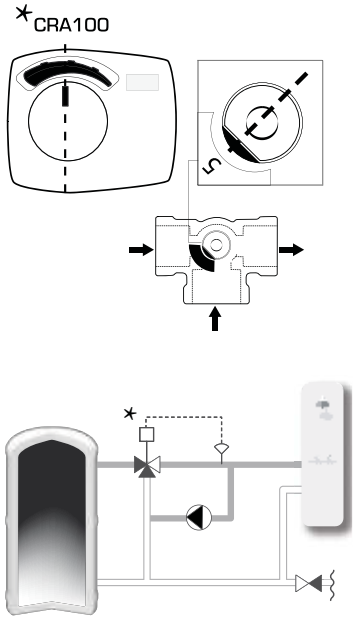

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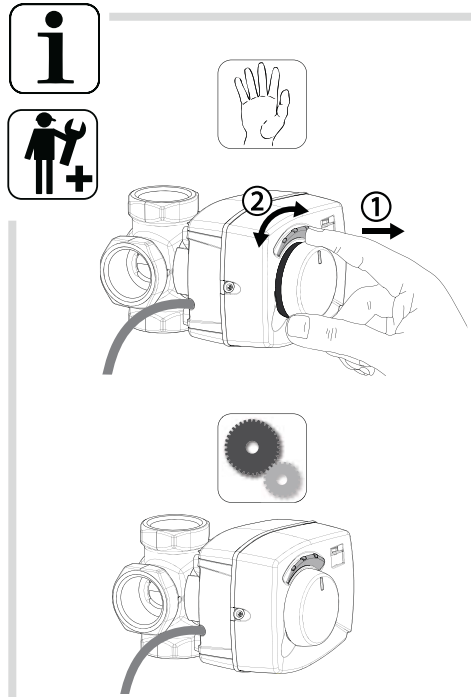

Piping Schematics are General Representations