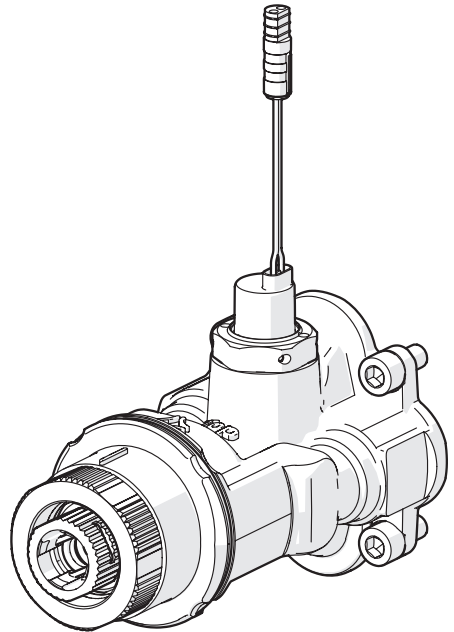















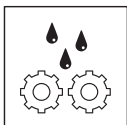
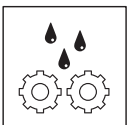
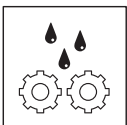





# HANSABLUEBOX

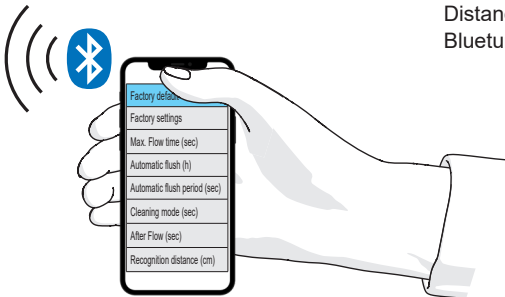
Installation and maintenance guide



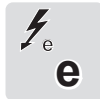


					
	4, 9, 19		4, 19		4,19
	5-9		5-7, 10-11		5-7, 12-13
	14-15		14-15		14-15
	16-19		16-19		16-19
	21		21		21

**Bluetooth®**

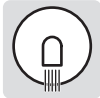
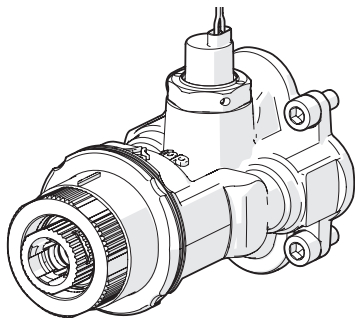


Extension set .....	22
Reverse adapter .....	22
Distance adapter .....	23
Bluetune kit.....	24



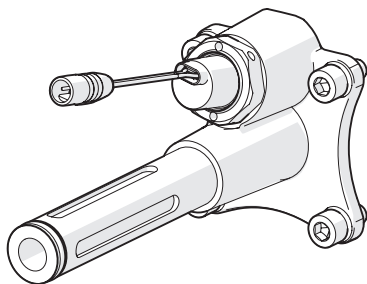
EN 15091  
100 - 1000 kPa  
max. +70°C

IP 55



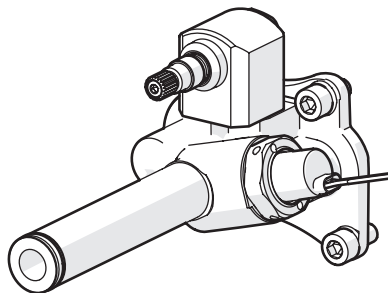
EN 15091  
100 - 1000 kPa  
max. +70°C

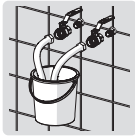
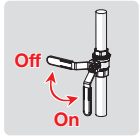
IP 55



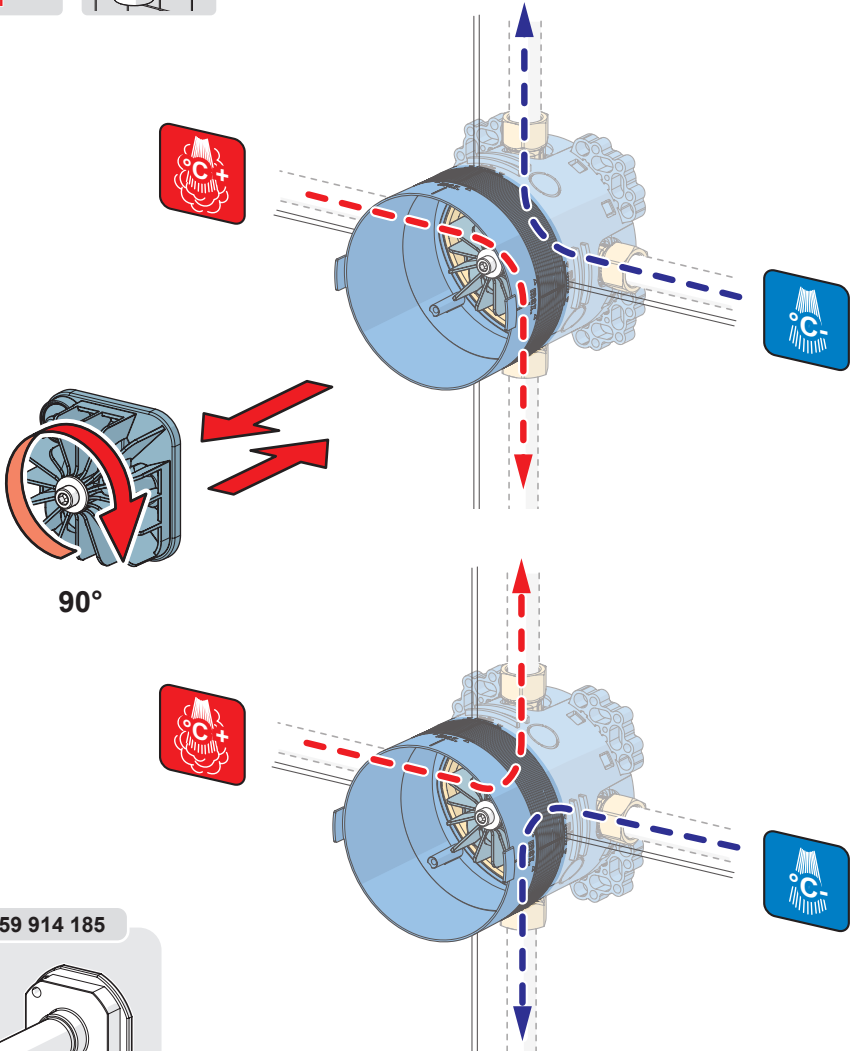
EN 15091, EN 1111  
100 - 1000 kPa  
max. +70°C

IP 55

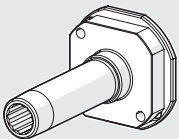




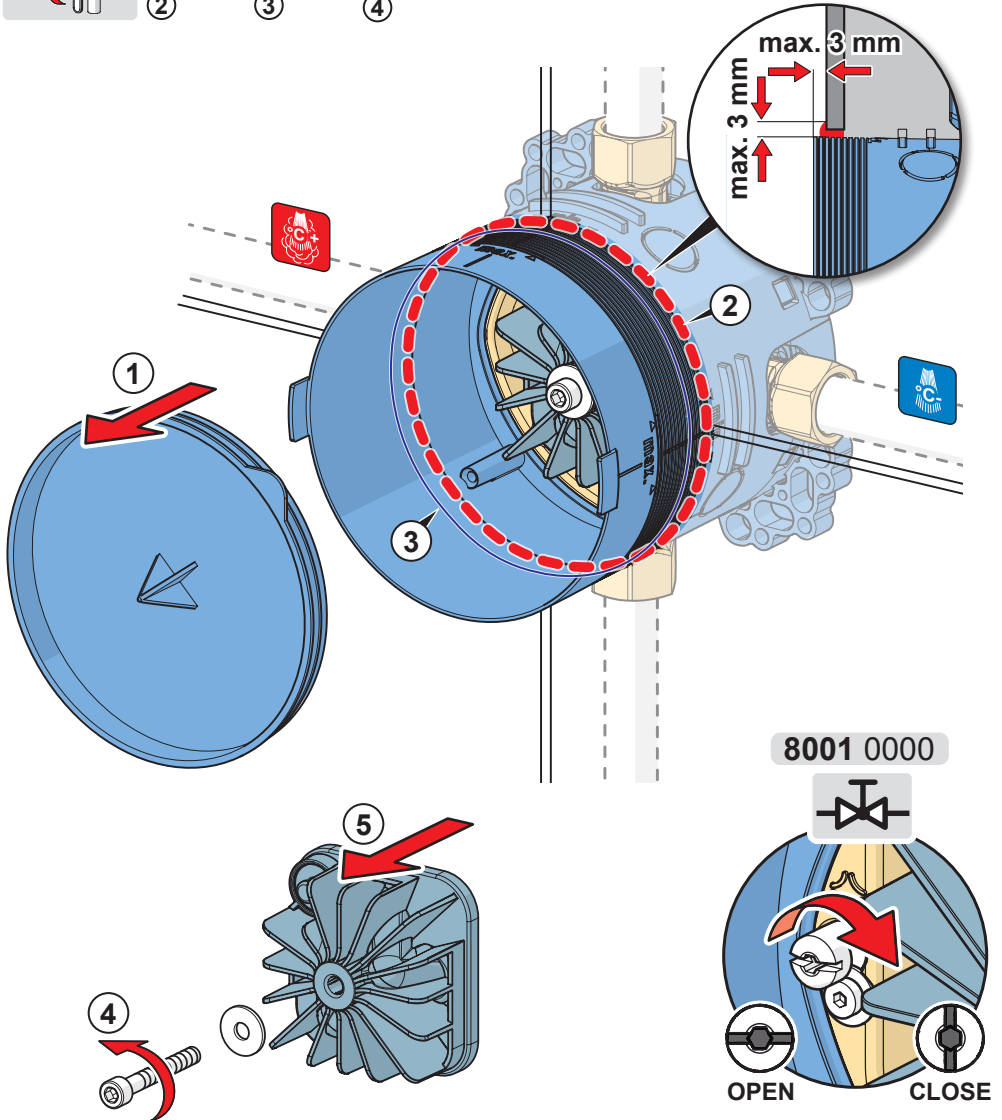
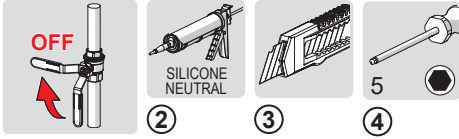
EN 1717  
EN 806-5



59 914 185

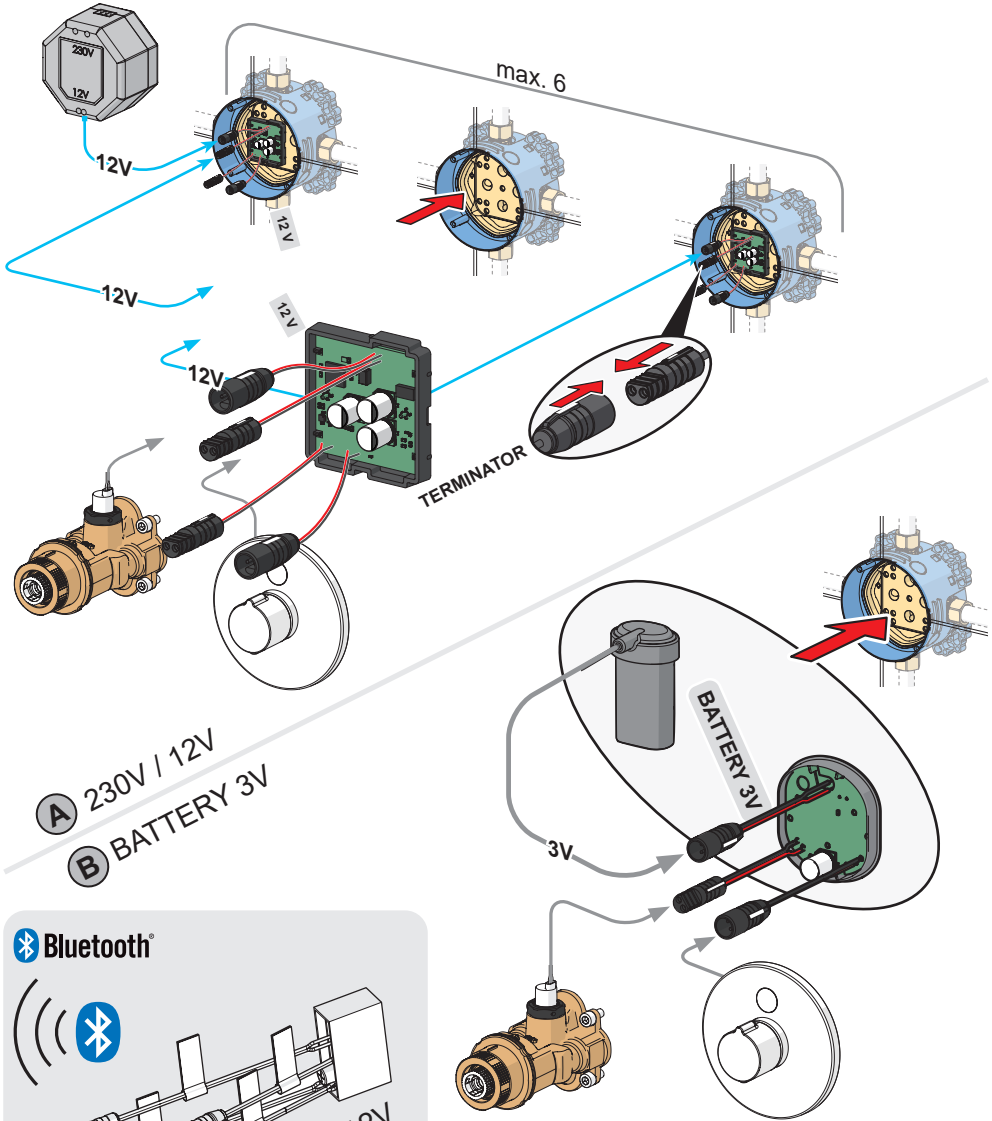


Rinsing tube



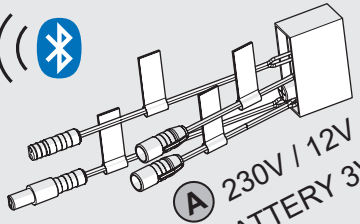


6499 0100

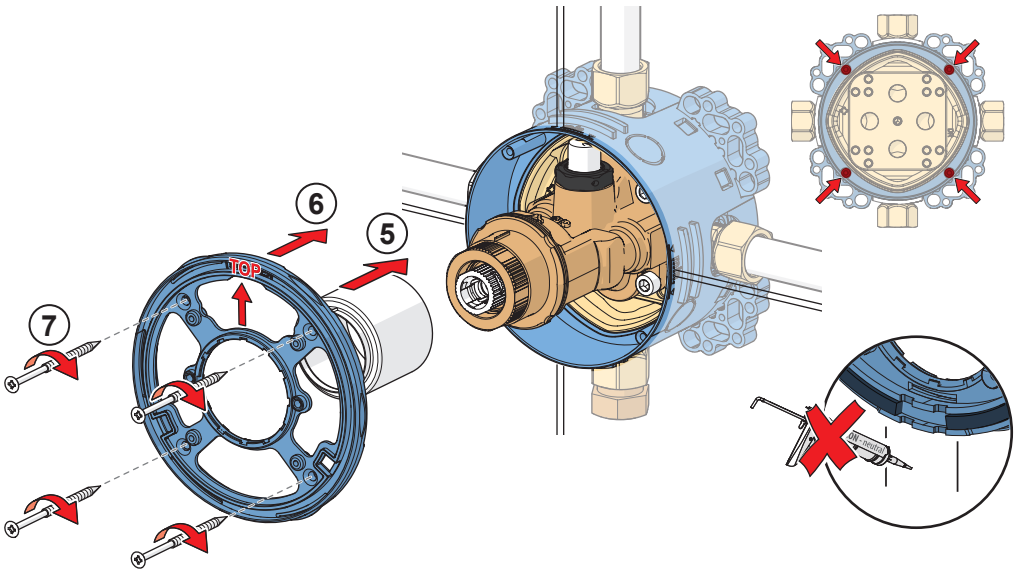
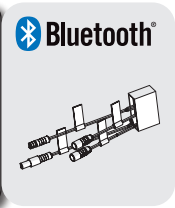
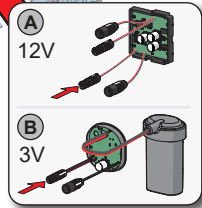
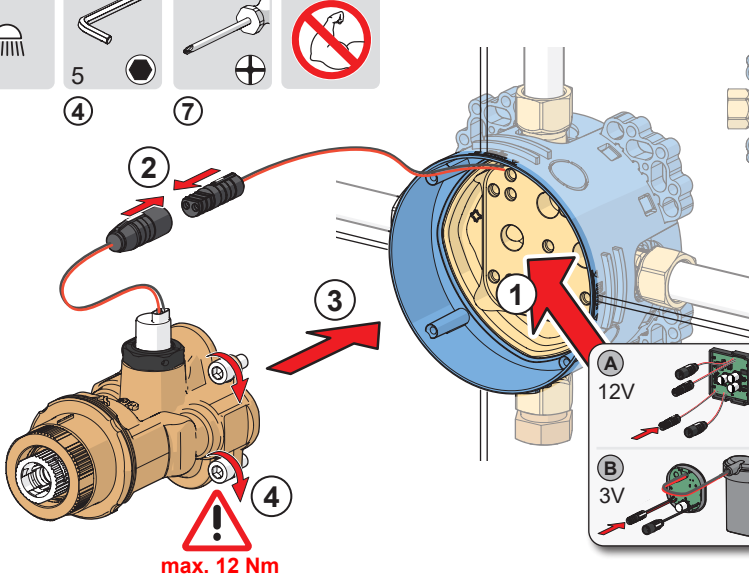
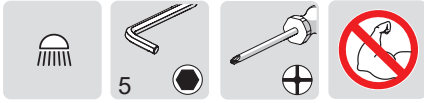


- Ⓐ 230V / 12V
- Ⓑ BATTERY 3V

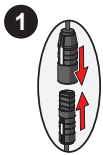
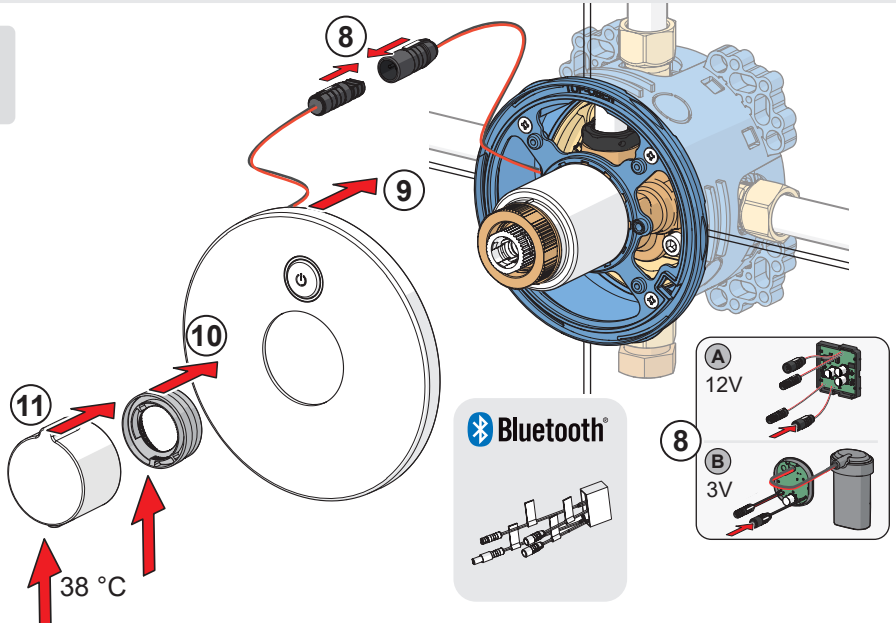
**Bluetooth®**



- Ⓐ 230V / 12V
- Ⓑ BATTERY 3V







max. 3 min



3 ...



6 1-4 x



9 1-10x

A



OK

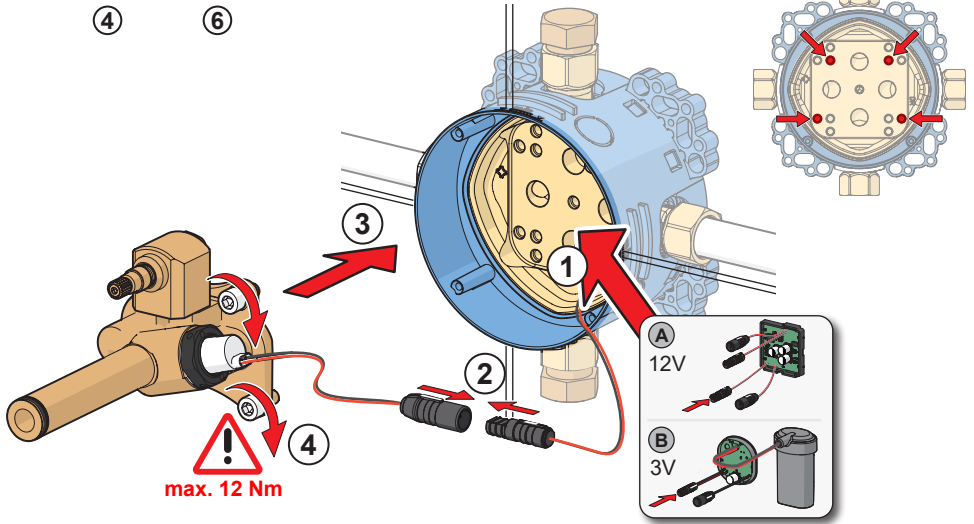
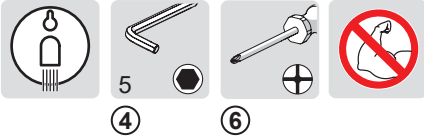
NOK

Factory default		1 x	2 x	3 x	4 x	5 x	6 x	7 x	8 x	9 x	10 x
Flow period (sec)	1 x	15	30	45	60	75	90	105	120	135	150
Automatic flush (h)	2 x	0 (off)	6	12	18	24	30	36	48	60	72
Automatic flush period (sec)	3 x	30	60	90	120	180	240	300	360	480	600
Factory settings	4 x	fs	-	-	-	-	-	-	-	-	-

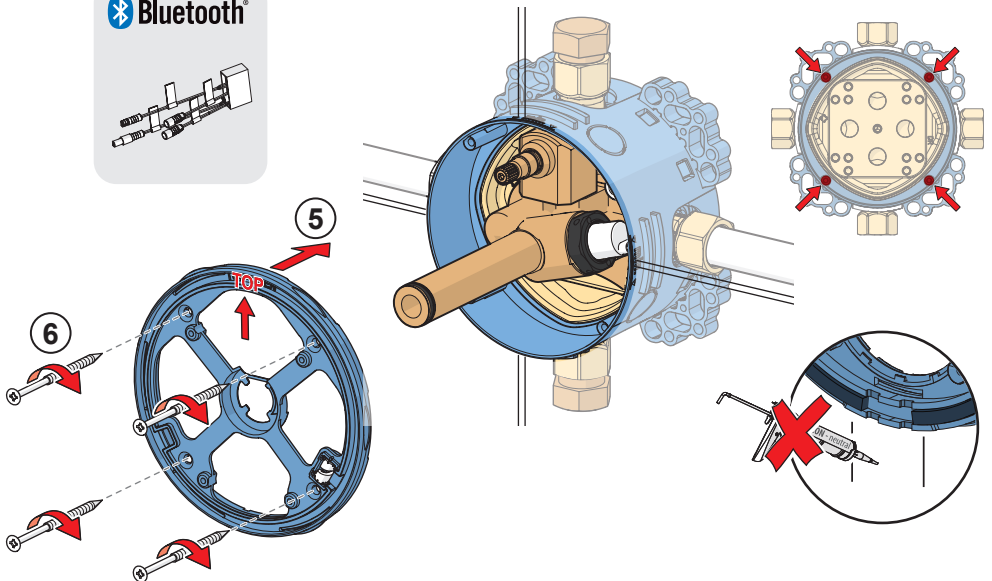
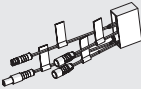
B

Bluetooth®



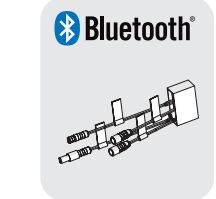
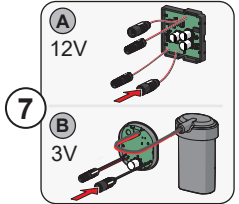
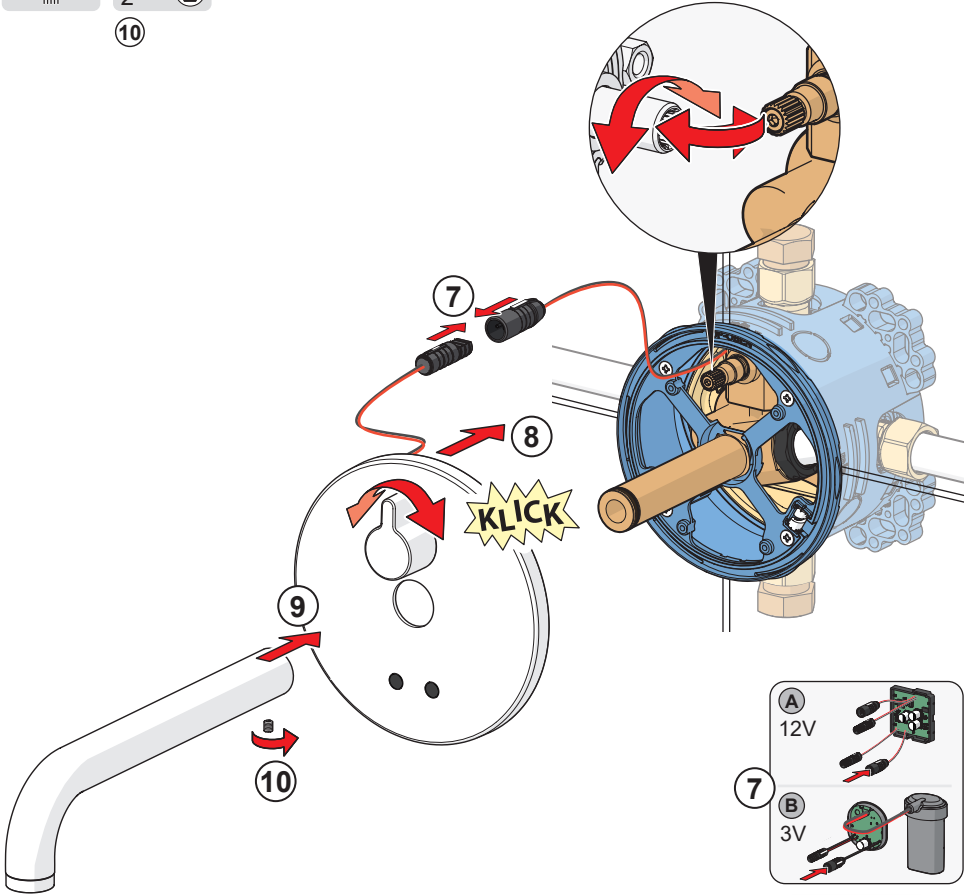


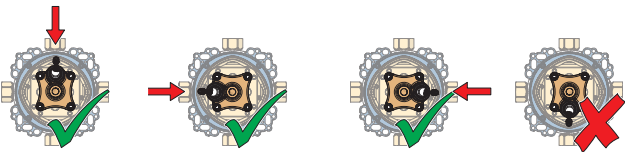
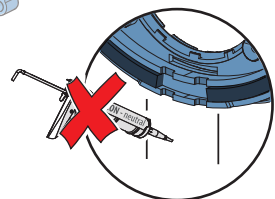
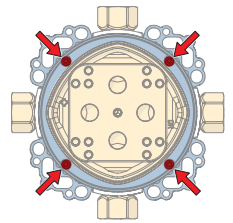
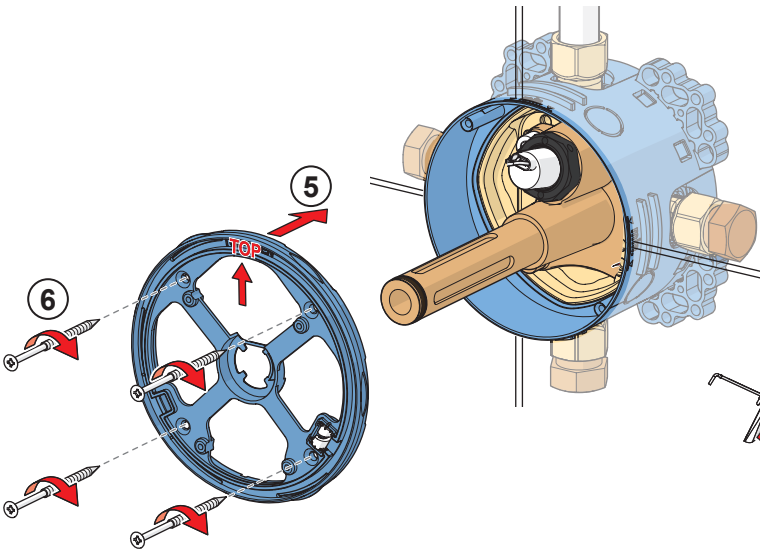
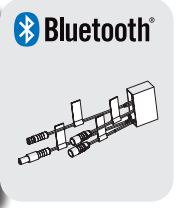
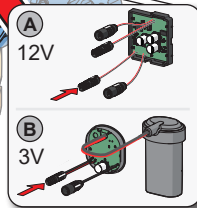
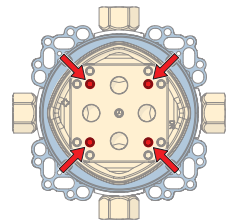
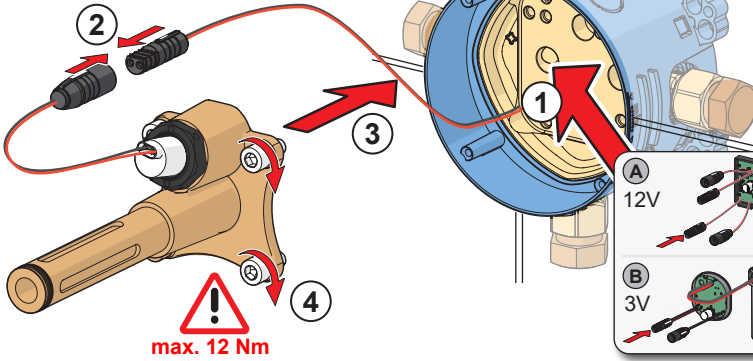
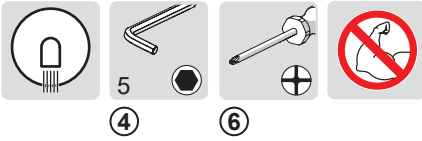
**Bluetooth®**

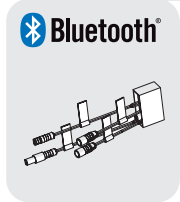
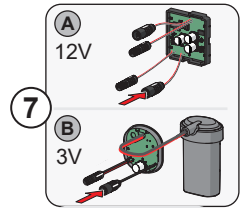
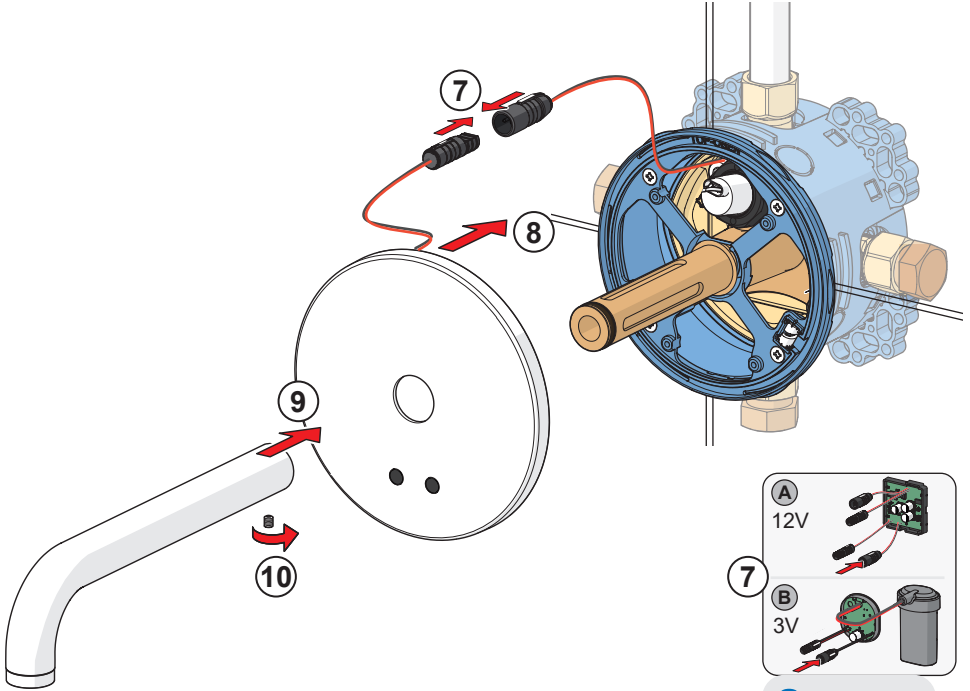
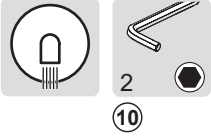




10

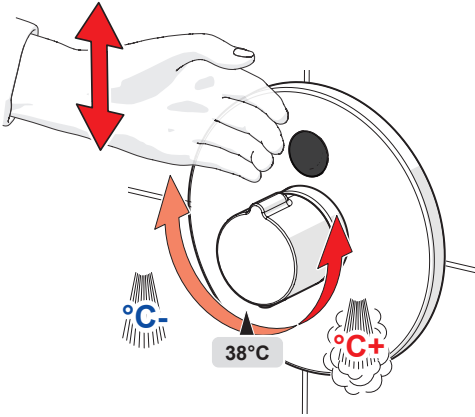




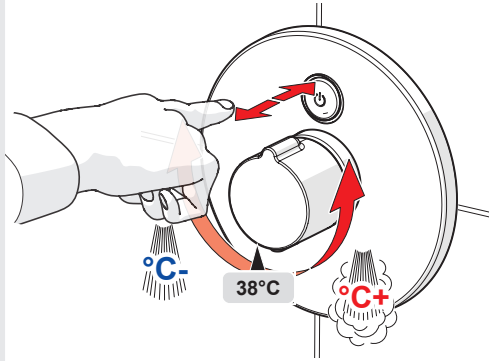




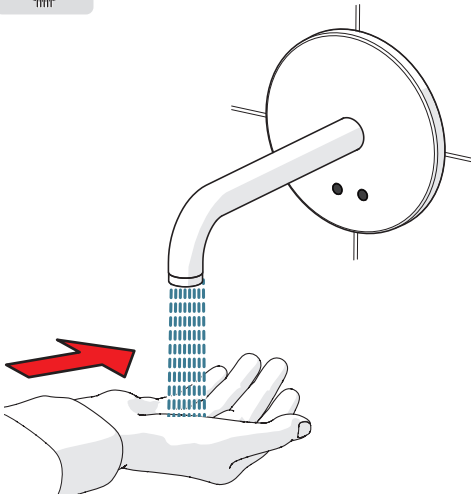
ON/OFF



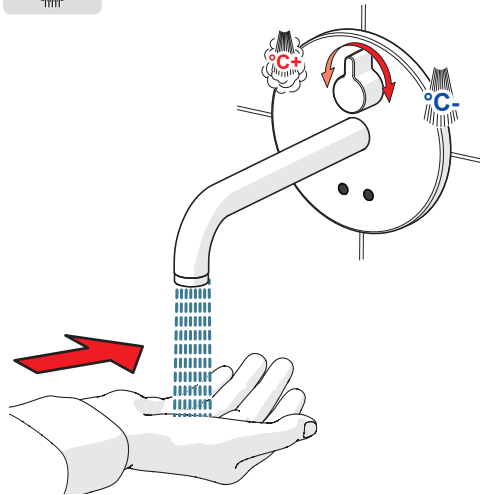
ON/OFF



AUTOMATIC



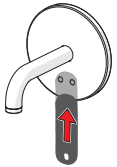
AUTOMATIC





Factory default		1 x	2 x	3 x	4 x	5 x	6 x	7 x	8 x	9 x	10 x
Factory settings	1 x	-	-	-	-	-	-	-	-	-	-
Flow period (sec)	2 x	10	30	60	90	120	150	180	210	240	300
Automatic flush (h)	3 x	0 (off)	6	12	18	24	30	36	48	60	72
Automatic flush period (sec)	4 x	30	60	90	120	180	240	300	360	480	600
Cleaning mode (sec)	5 x	15	30	60	90	120	-	-	-	-	-
After Flow (sec)	6 x	1	2	3	4	5	6	7	8	9	10
Recognition distance (cm)	7 x	n10	a30	a40	a50	a60	-	-	-	-	-

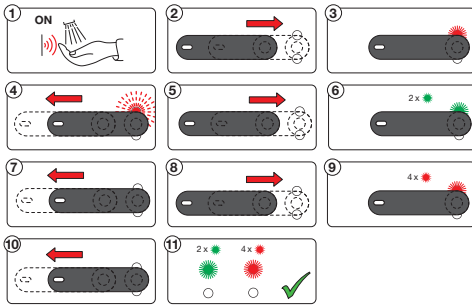
A



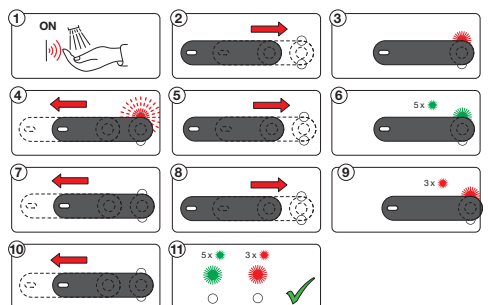
Factory default		1 x	2 x	3 x	4 x	5 x	6 x	7 x	8 x	9 x	10 x
Factory settings	1 x	-	-	-	-	-	-	-	-	-	-
Flow period (sec)	2 x	10	30	60	90	120	150	180	210	240	300
Automatic flush (h)	3 x	0 (off)	6	12	18	24	30	36	48	60	72
Automatic flush period (sec)	4 x	30	60	90	120	180	240	300	360	480	600
Cleaning mode (sec)	5 x	15	30	60	90	120	-	-	-	-	-
After Flow (sec)	6 x	1	2	3	4	5	6	7	8	9	10
Recognition distance (cm)	7 x	14	17	20	22	25	28	31	33	-	-



### Example 1: Flow period 30 s → 90 s

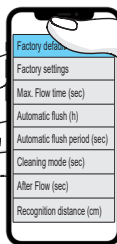


### Example 2: Cleaning mode 30 s → 60 s



B

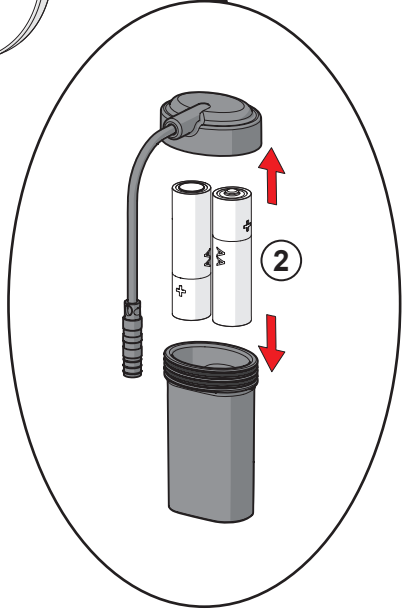
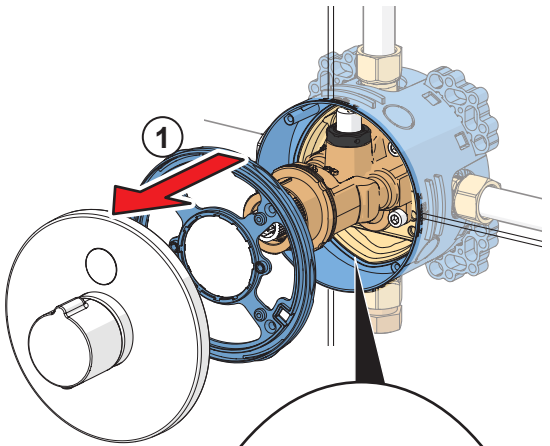
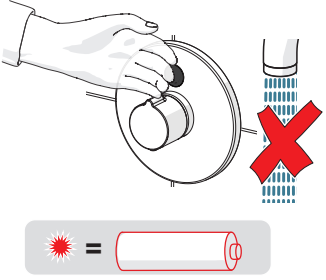
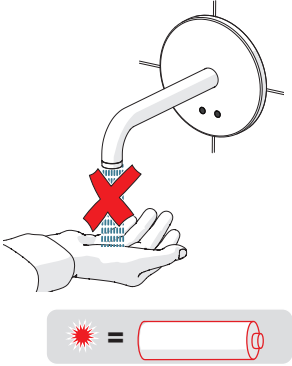
Bluetooth®





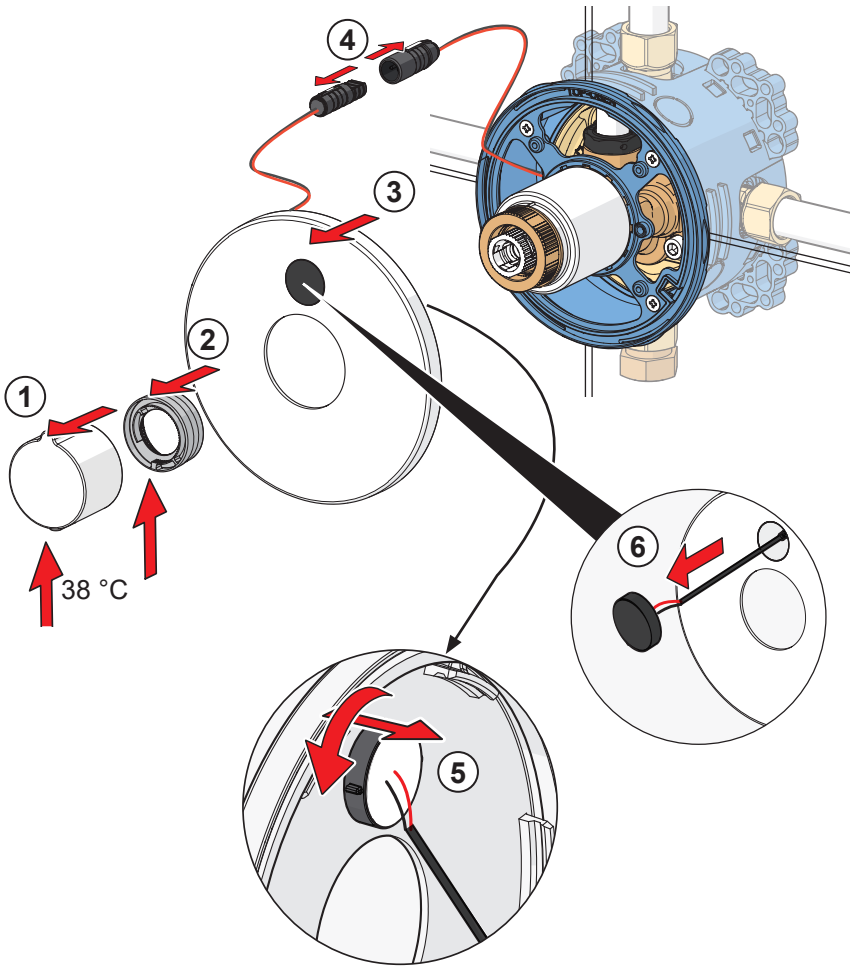
②

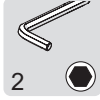
②



**AA 1.5V Lithium x 2**

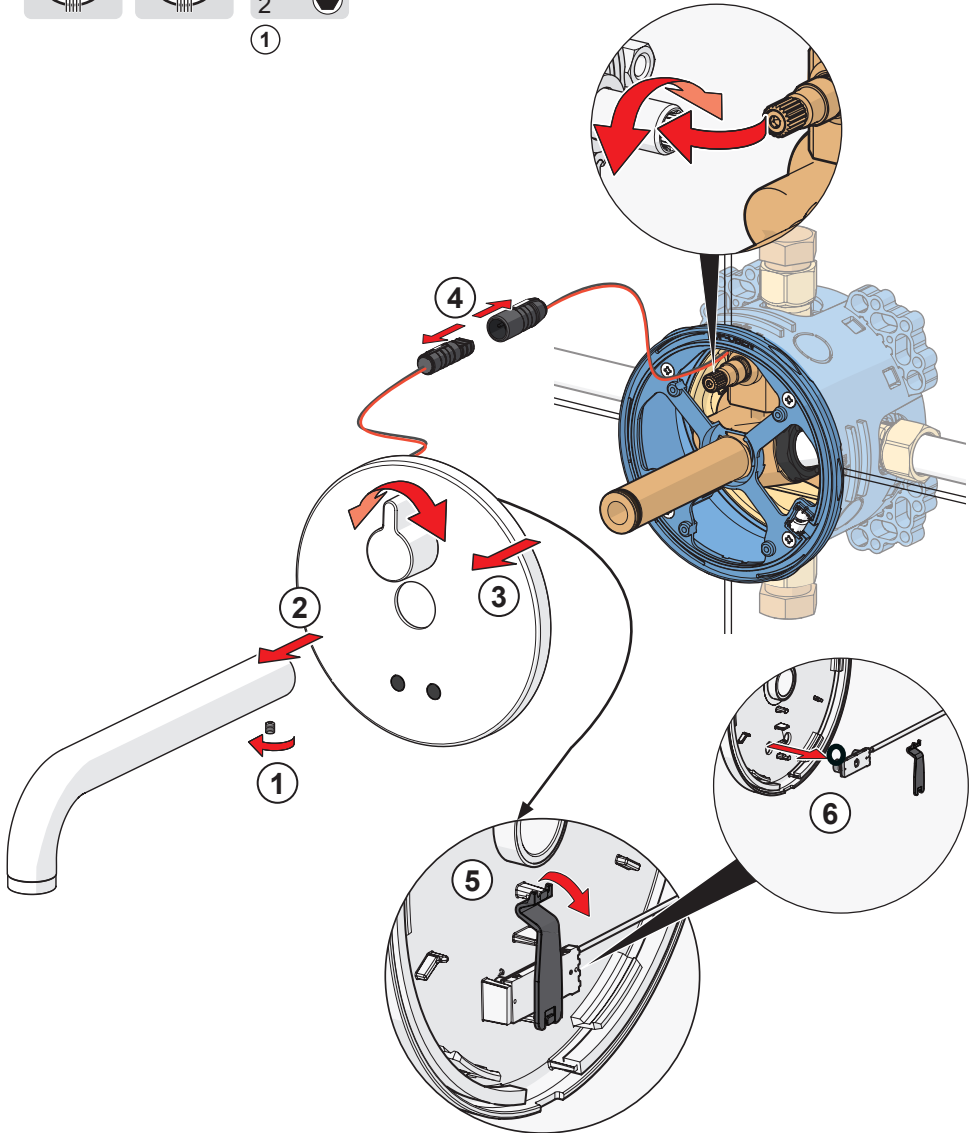


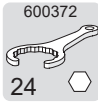




①

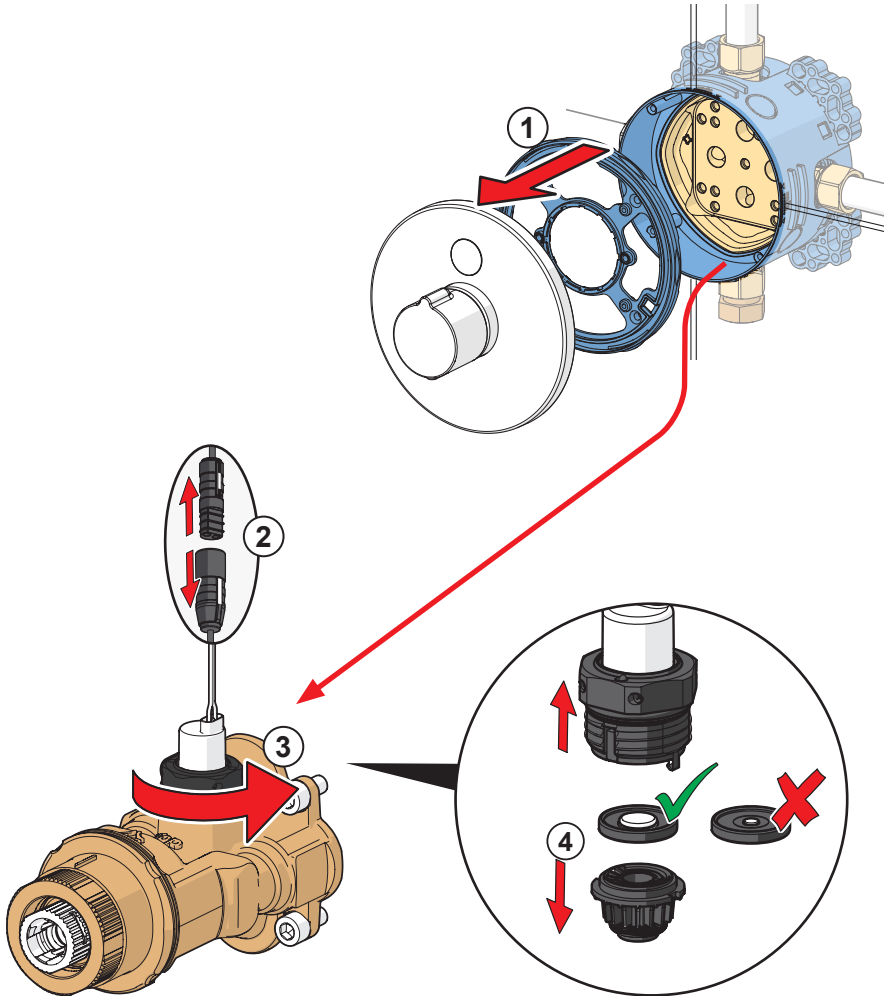
2

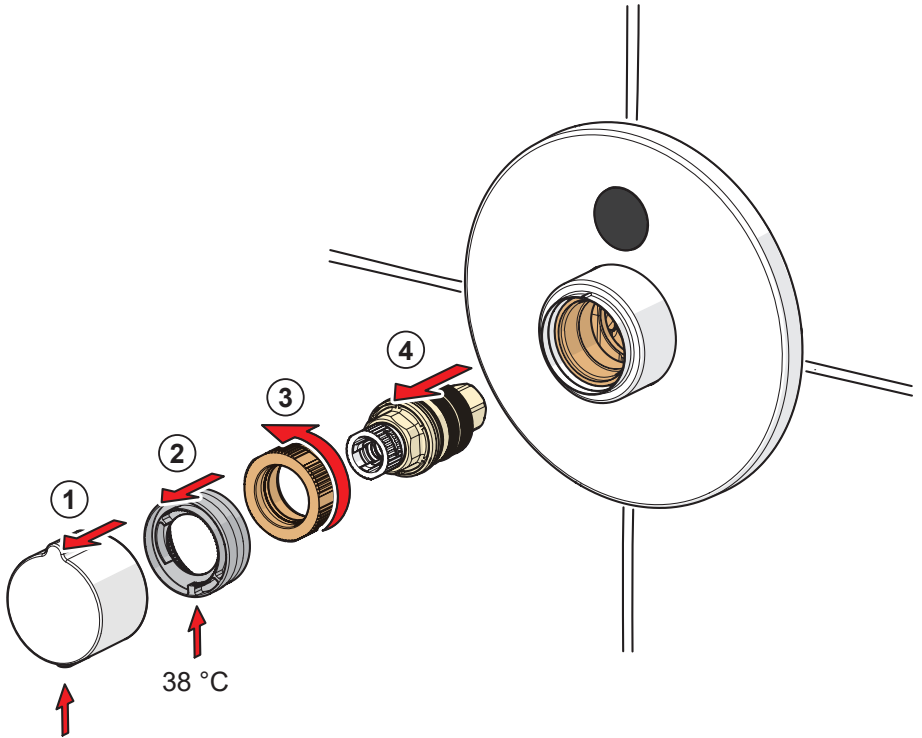
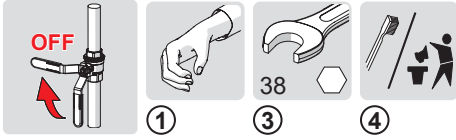


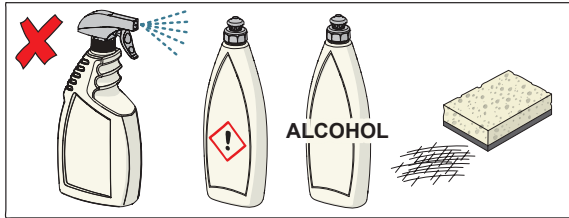
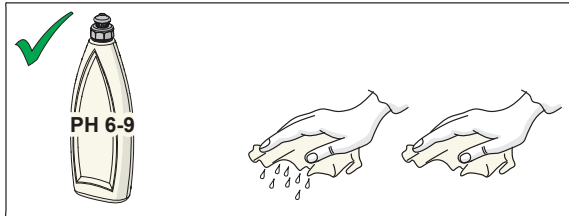
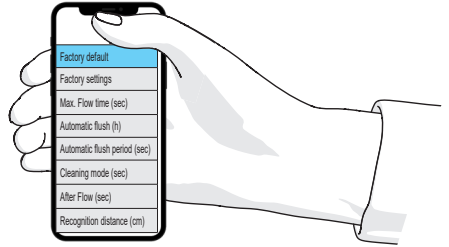
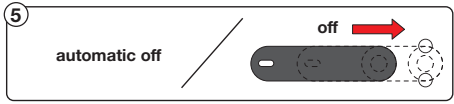
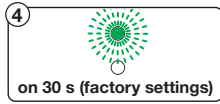
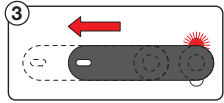
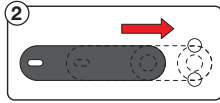
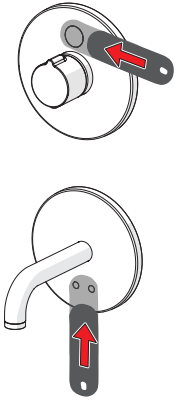


③

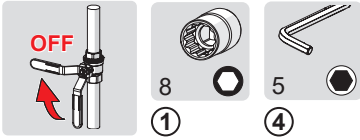
④



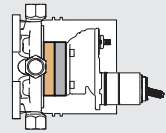




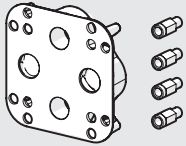
[cleaning.hansa.com](http://cleaning.hansa.com)



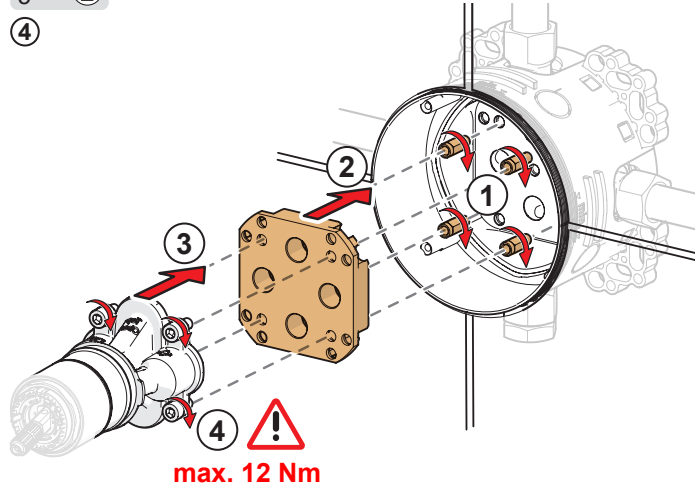
**59 914 182**



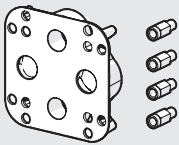
15 mm (max. 30 mm)



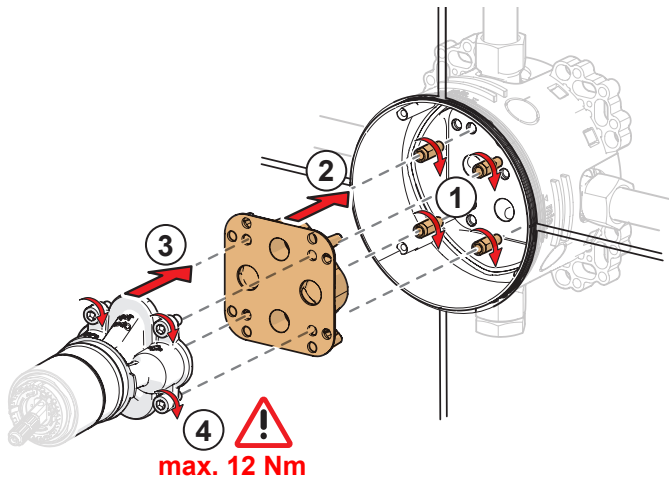
**Extension set**

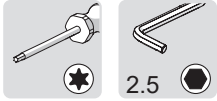


**59 914 184**



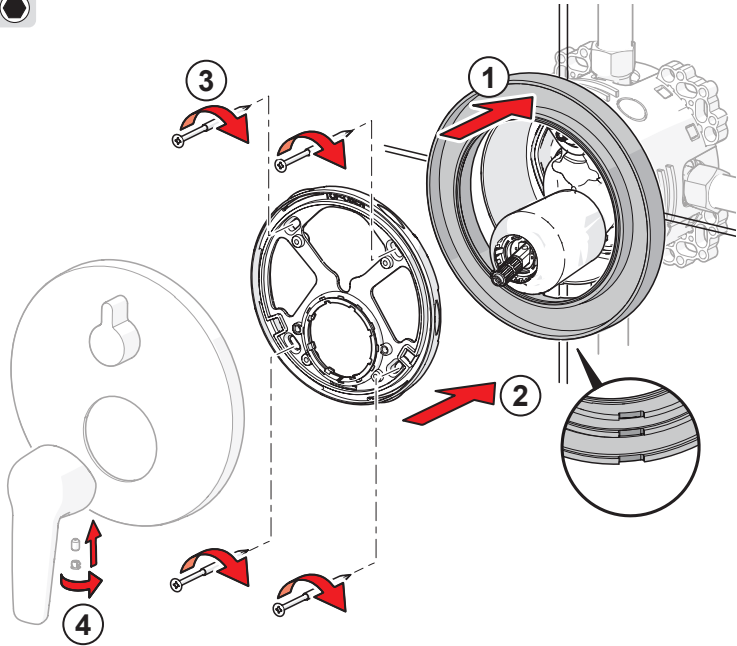
**Reverse adapter**



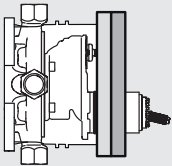


3

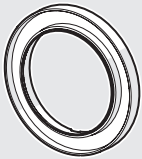
4



**59 914 191**

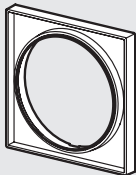


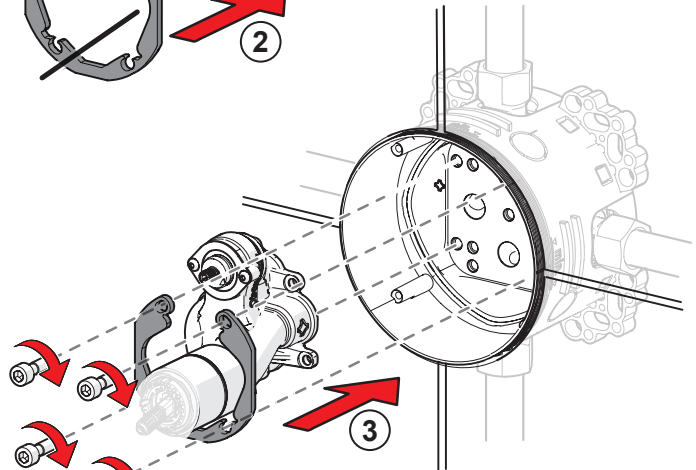
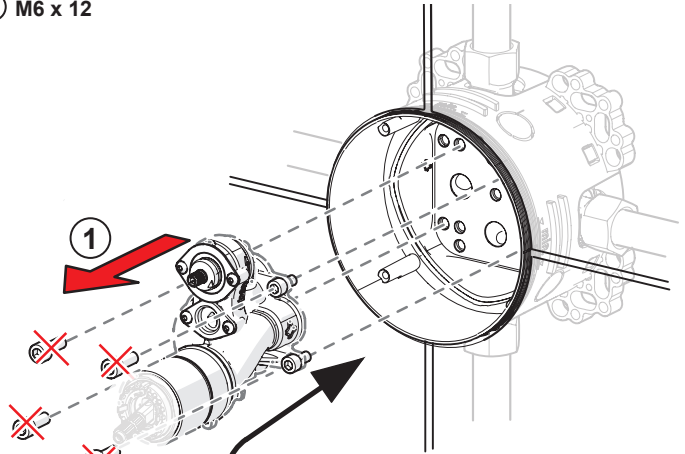
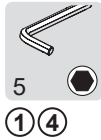
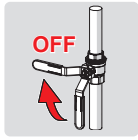
15 mm (max. 30 mm)



**Distance adapter**

**59 914 192**





**4 M6 x 16 ! max. 12 Nm**

59 914 186

max  $\pm 3.5^\circ$

**Bluetune kit**









Oras Group is a powerful European provider of sanitary fittings: the market leader in the Nordics and a leading company in Continental Europe. The company's mission is to make the use of water easy and sustainable and its vision is to become the European leader of advanced sanitary fittings. Oras Group has two strong brands: Oras and Hansa.

The Group's head office is located in Rauma, Finland, and the Group has three manufacturing sites: Kralovice (Czech Republic), Olesno (Poland) and Rauma (Finland). Oras Group employs approximately 1,200 people in twenty countries. Oras Group is owned by Oras Invest, a family company and an industrial owner.

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