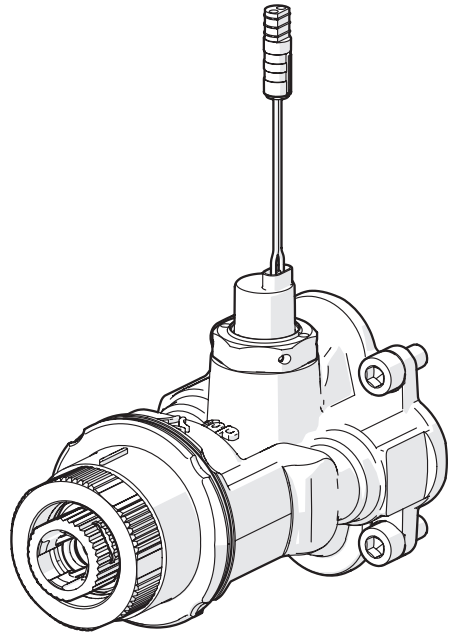




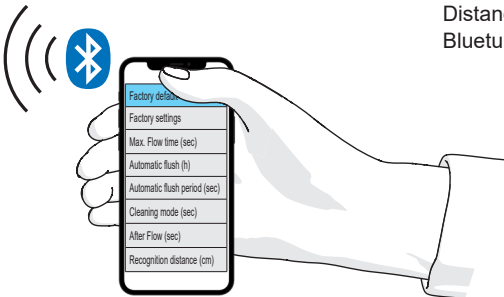
Oras Bluebox

Installation and maintenance guide

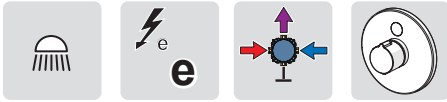


	4, 9, 19		4, 19		4,19
	5-9		5-7, 10-11		5-7, 12-13
	14-15		14-15		14-15
	16-19		16-19		16-19
	21		21		21

Bluetooth®

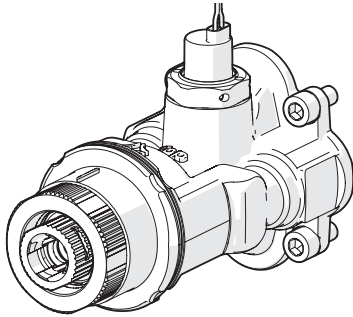


Extension set	22
Reverse adapter	22
Distance adapter	23
Bluetune kit.....	24



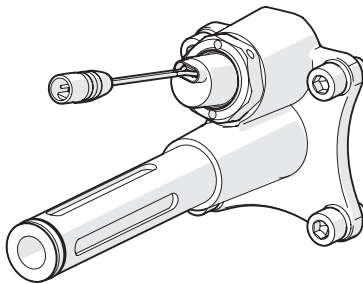
EN 15091
100 - 1000 kPa
max. +70°C

IP 55



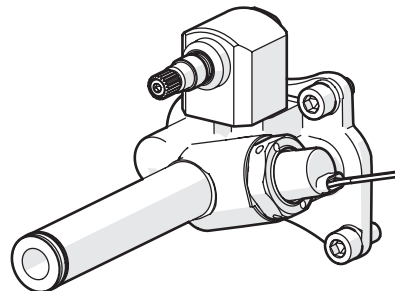
EN 15091
100 - 1000 kPa
max. +70°C

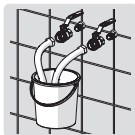
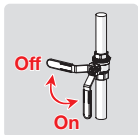
IP 55



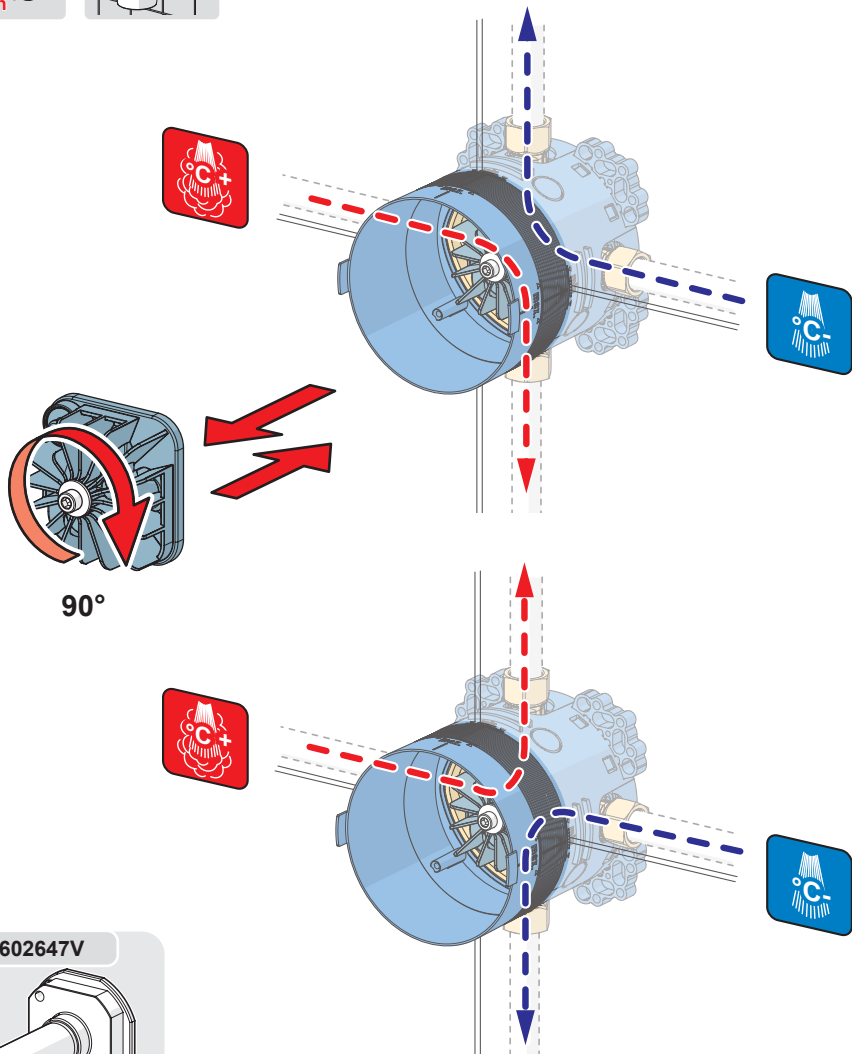
EN 15091, EN 1111
100 - 1000 kPa
max. +70°C

IP 55



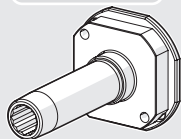


EN 1717
EN 806-5

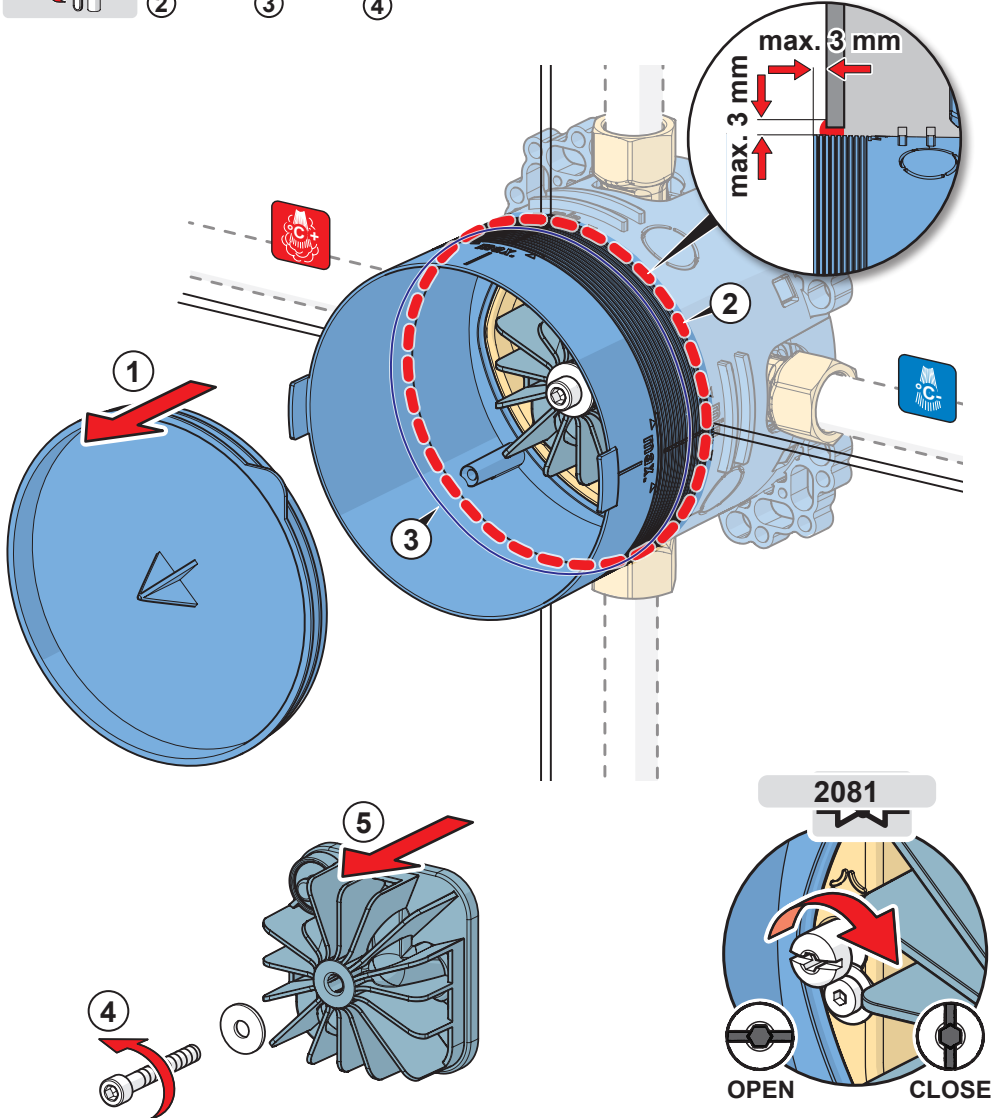
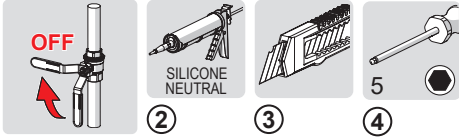


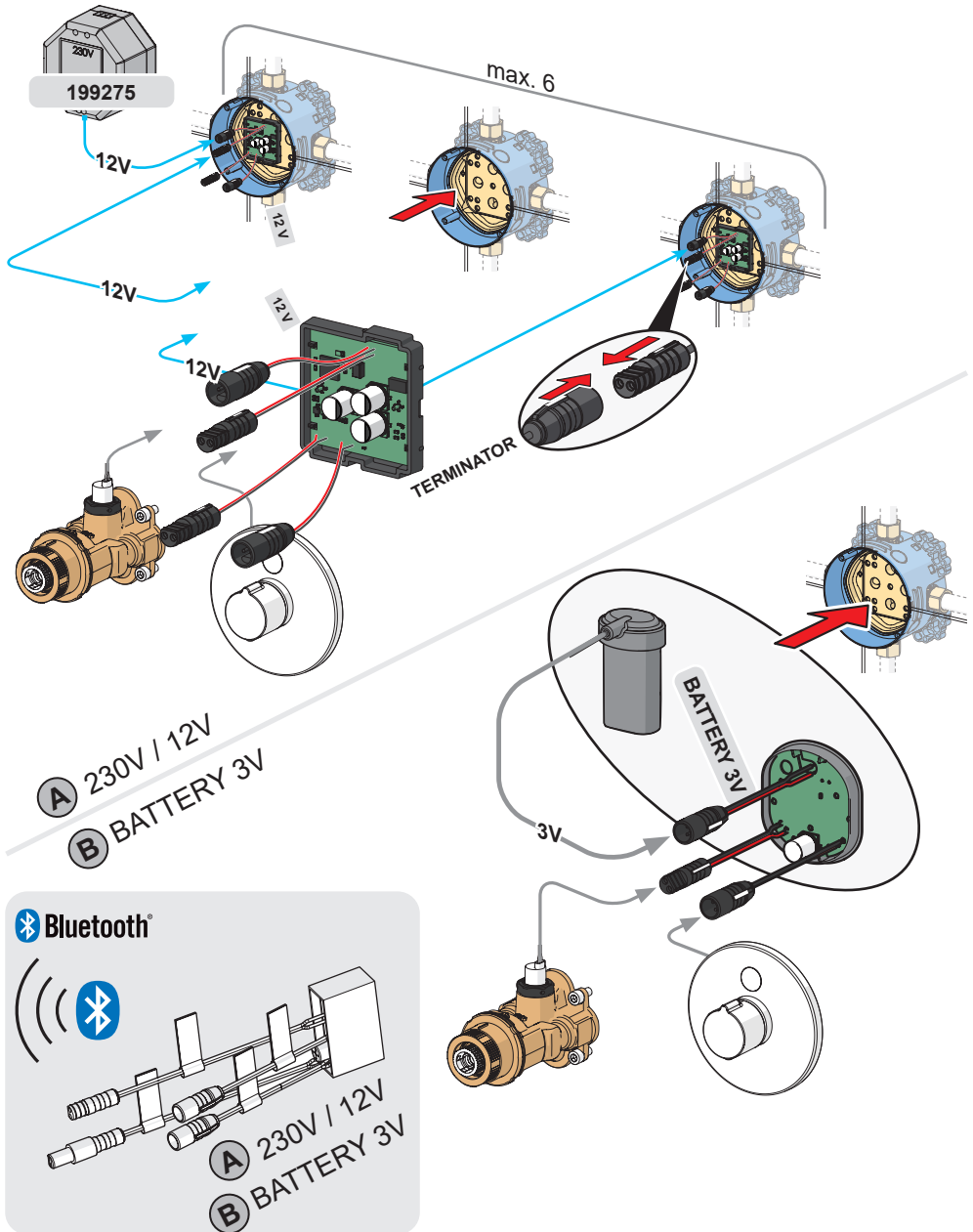
90°

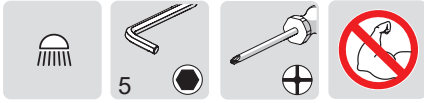
602647V



Rinsing tube

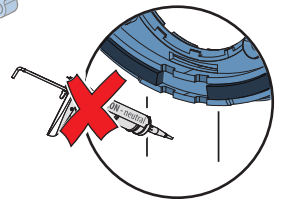
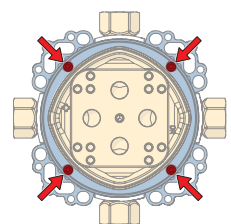
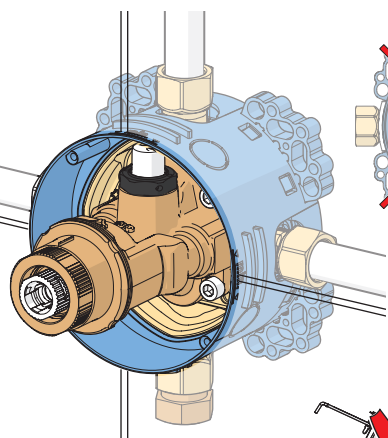
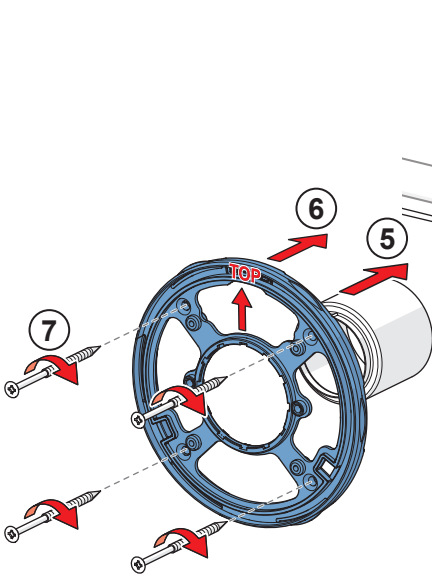
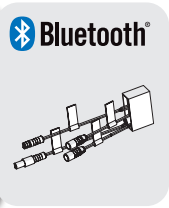
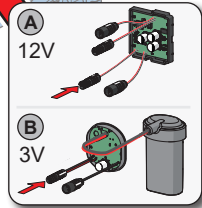
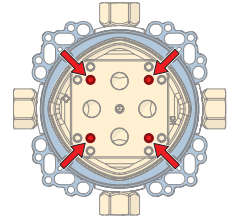
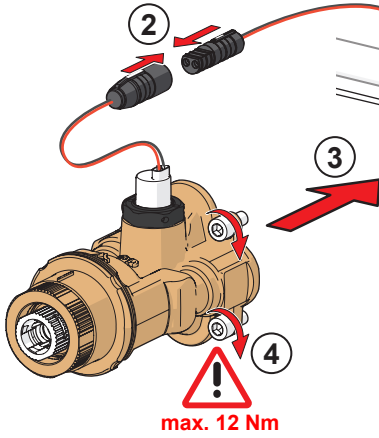


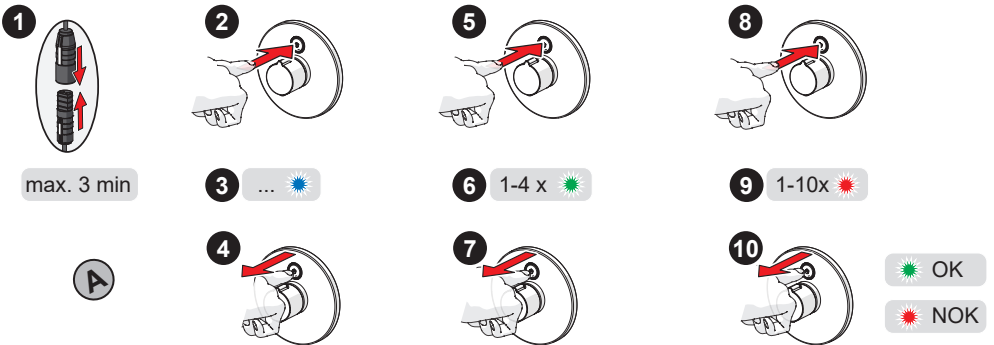
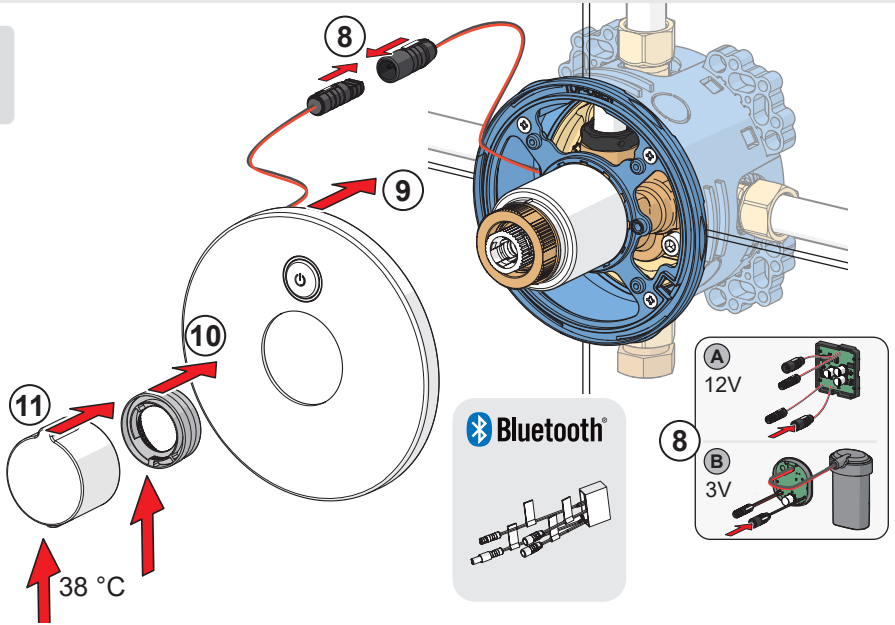




5
④

⑦



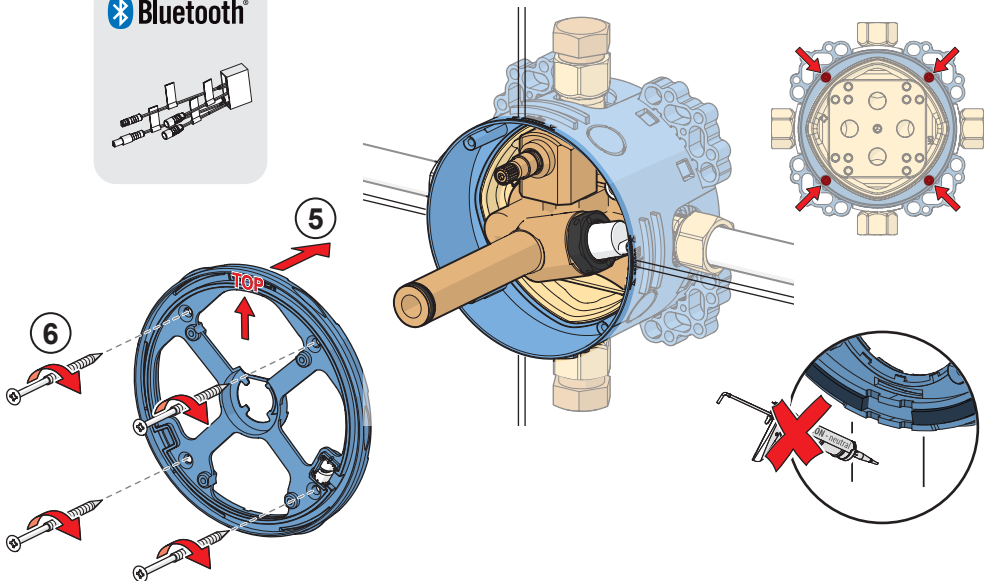
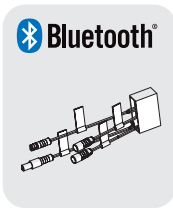
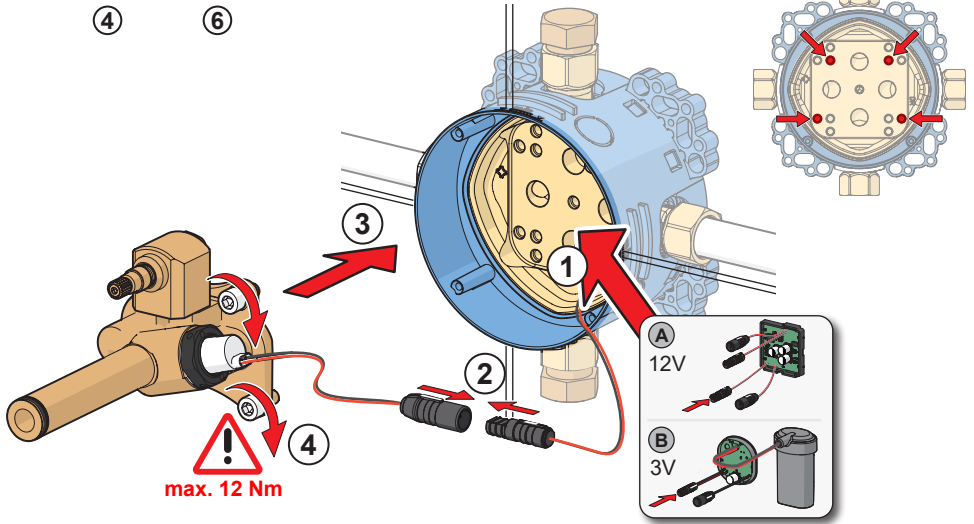
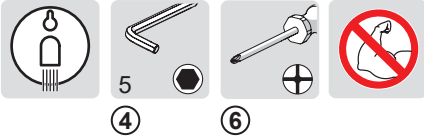


Factory default		1 x	2 x	3 x	4 x	5 x	6 x	7 x	8 x	9 x	10 x
Flow period (sec)	1 x	15	30	45	60	75	90	105	120	135	150
Automatic flush (h)	2 x	0 (off)	6	12	18	24	30	36	48	60	72
Automatic flush period (sec)	3 x	30	60	90	120	180	240	300	360	480	600
Factory settings	4 x	fs	-	-	-	-	-	-	-	-	-



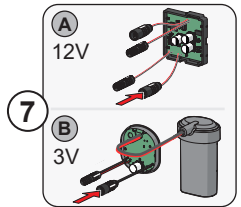
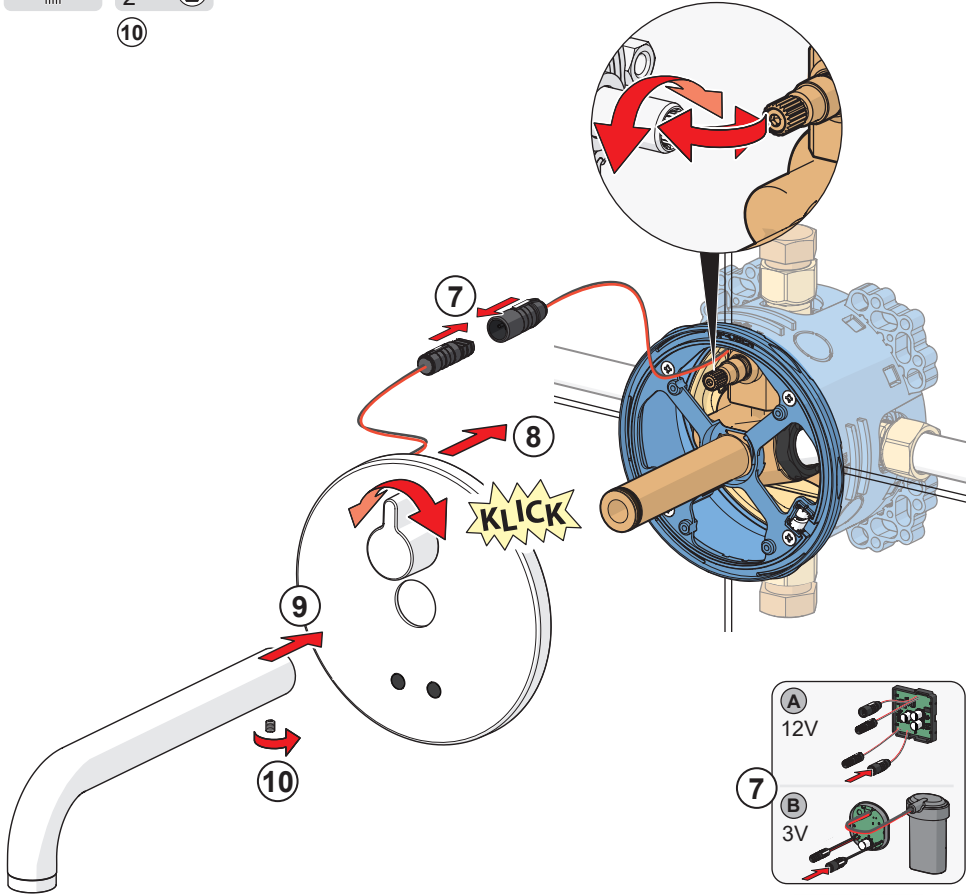
Bluetooth



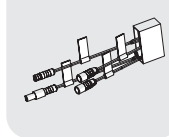


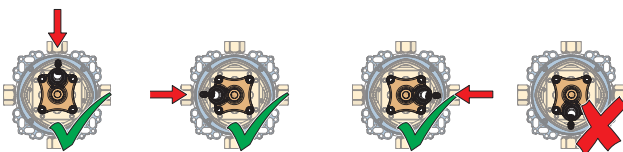
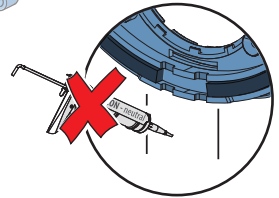
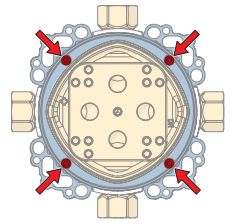
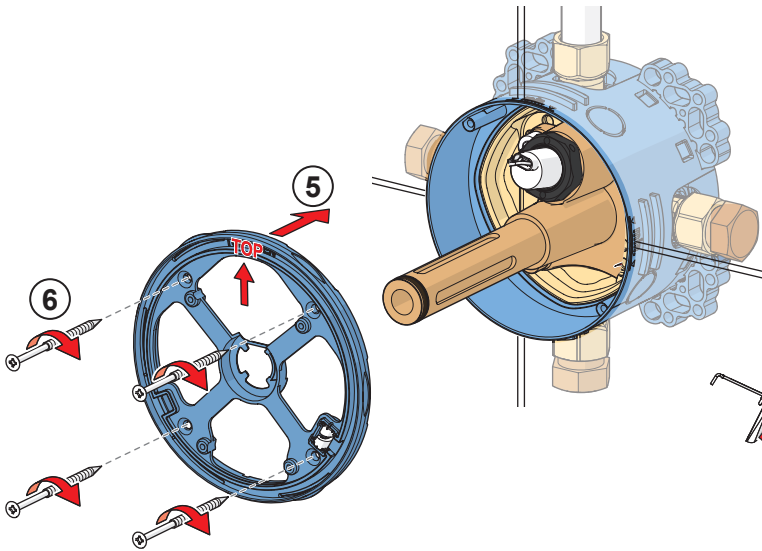
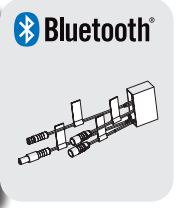
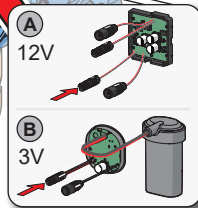
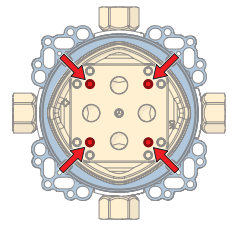
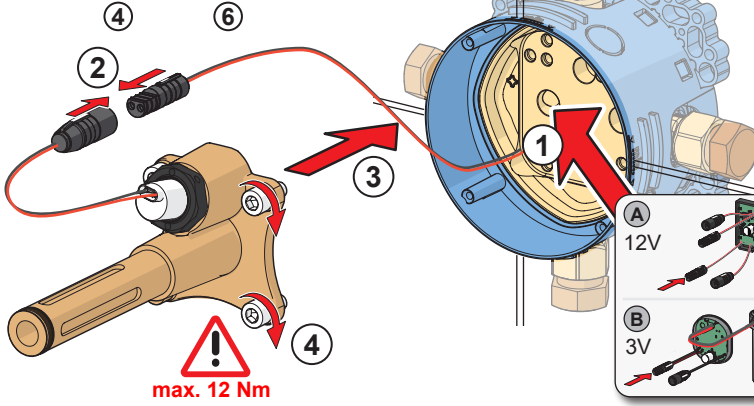
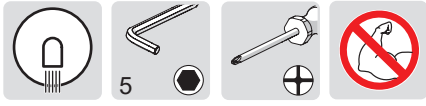


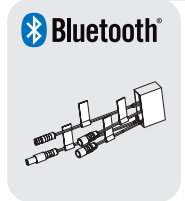
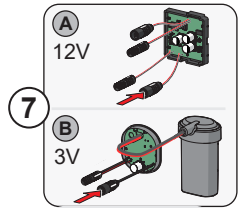
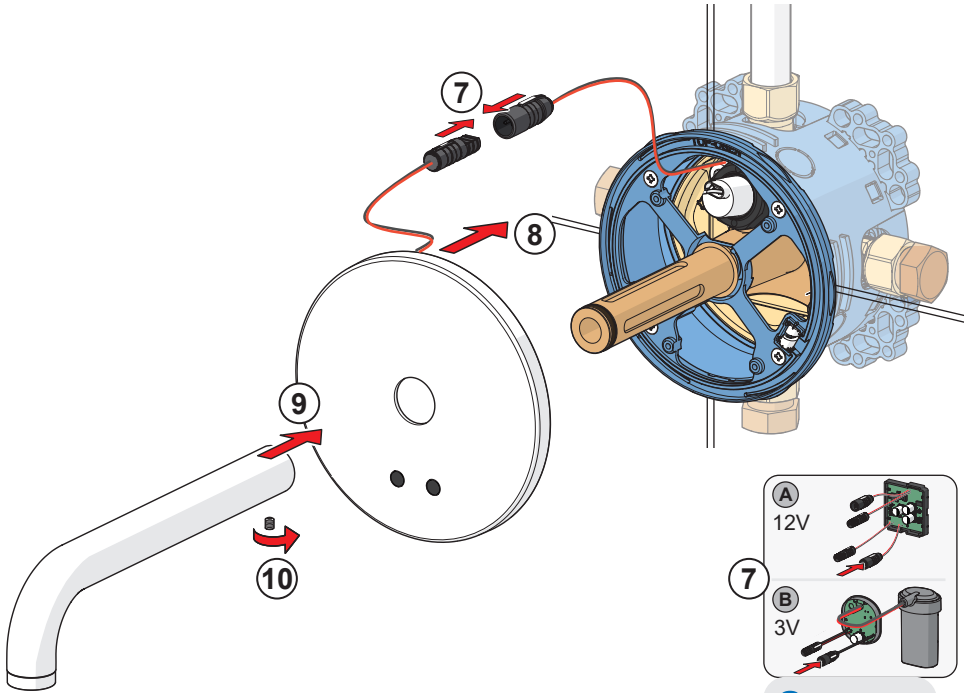
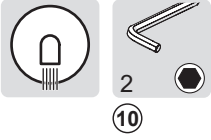
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10



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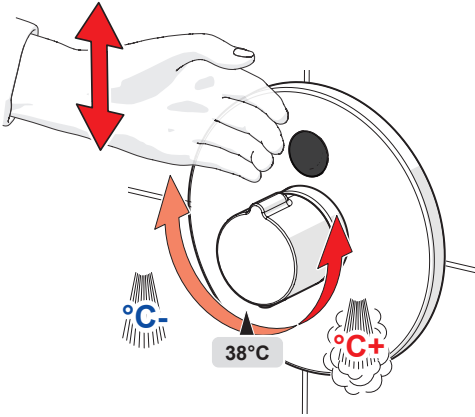




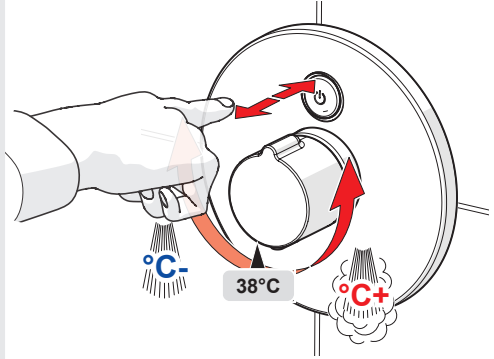




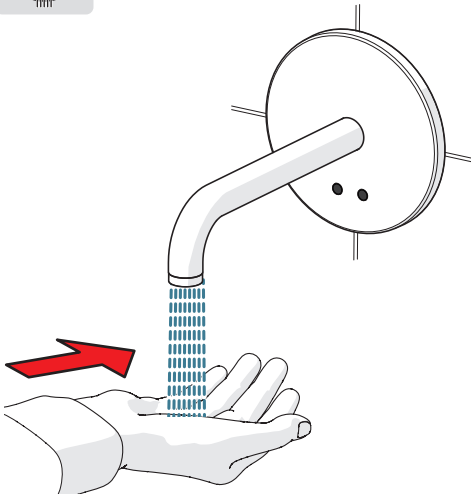
ON/OFF



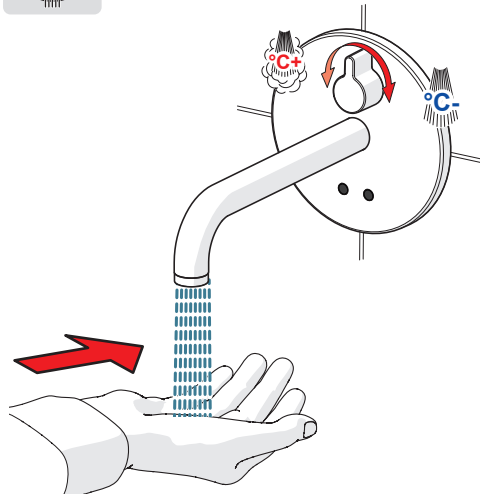
ON/OFF



AUTOMATIC



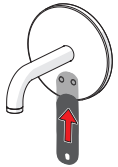
AUTOMATIC





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	-	-	-	-	-

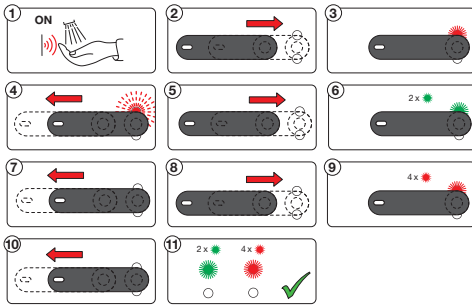
A



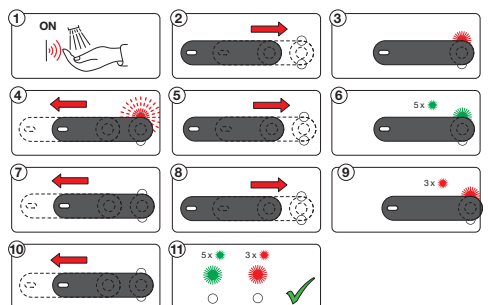
Factory default		1 x	2 x	3 x	4 x	5 x	6 x	7 x	8 x	9 x	10 x
Factory settings	1 x	-	-	-	-	-	-	-	-	-	-
Flow period (sec)	2 x	10	30	60	90	120	150	180	210	240	300
Automatic flush (h)	3 x	0 (off)	6	12	18	24	30	36	48	60	72
Automatic flush period (sec)	4 x	30	60	90	120	180	240	300	360	480	600
Cleaning mode (sec)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

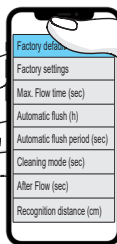


Example 2: Cleaning mode 30 s → 60 s



B

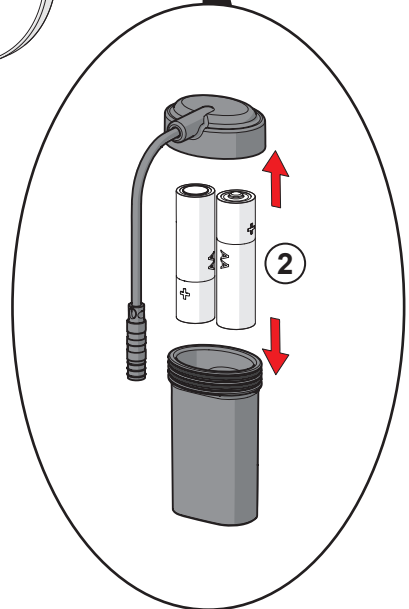
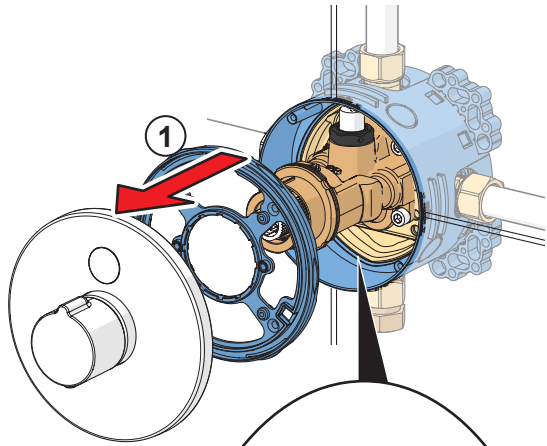
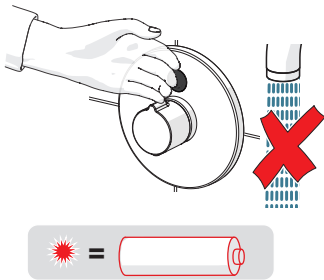
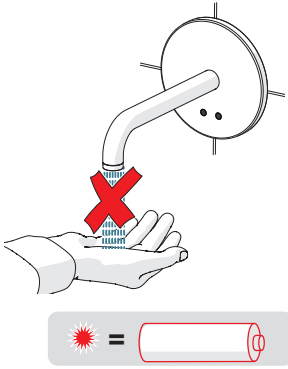
Bluetooth®



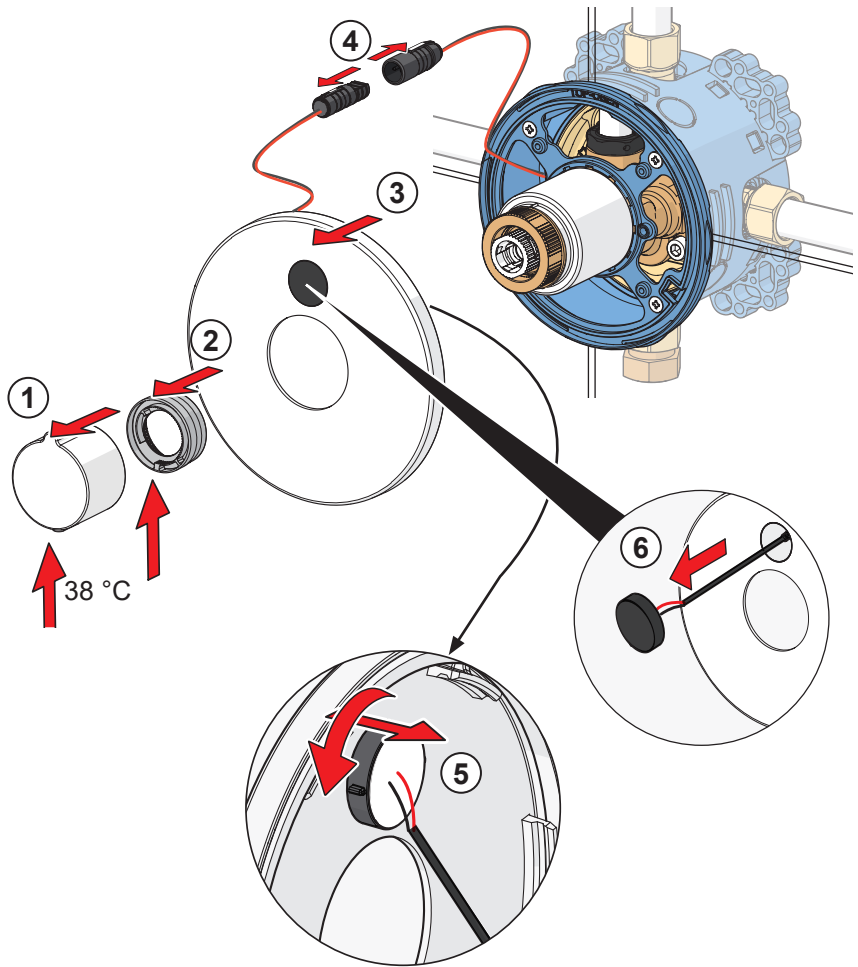


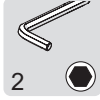
②

②



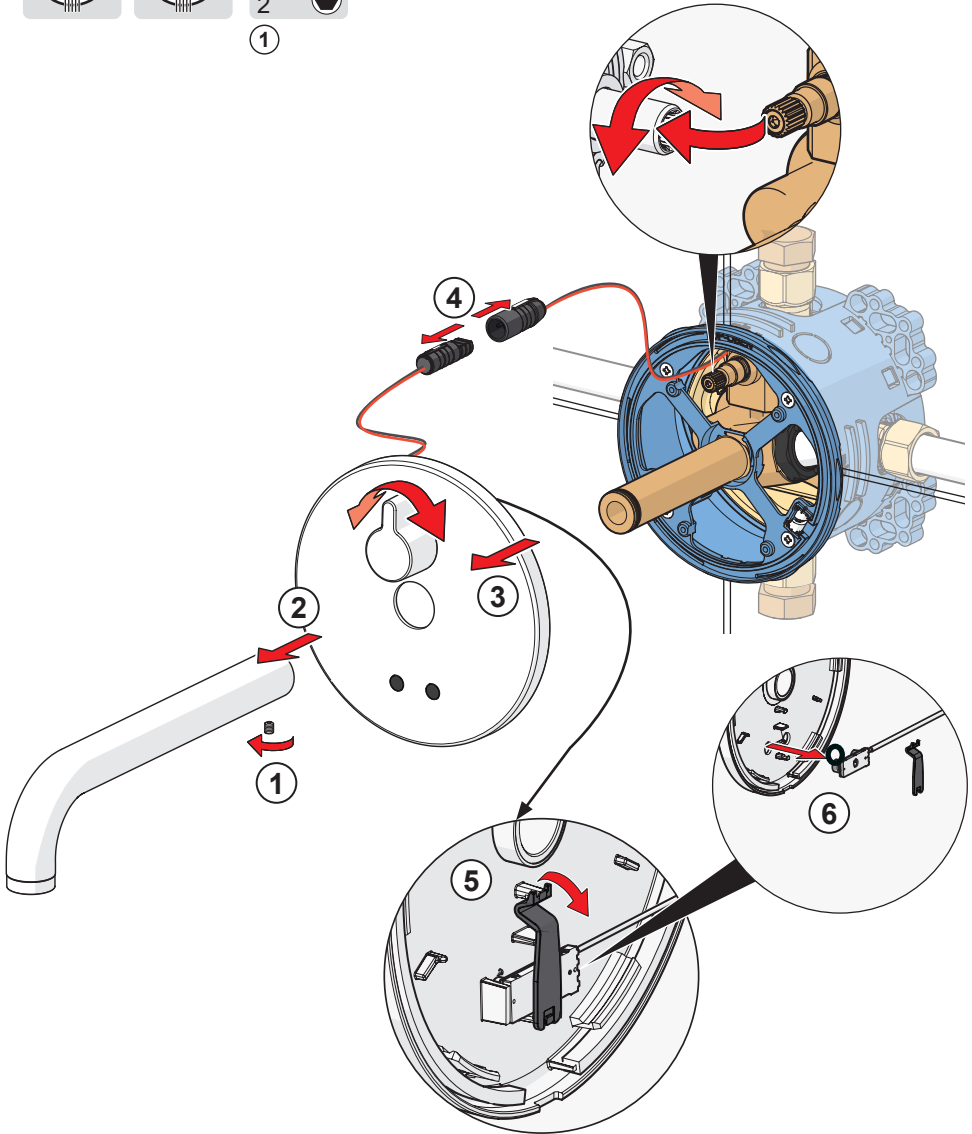
AA 1.5V Lithium x 2

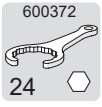




①

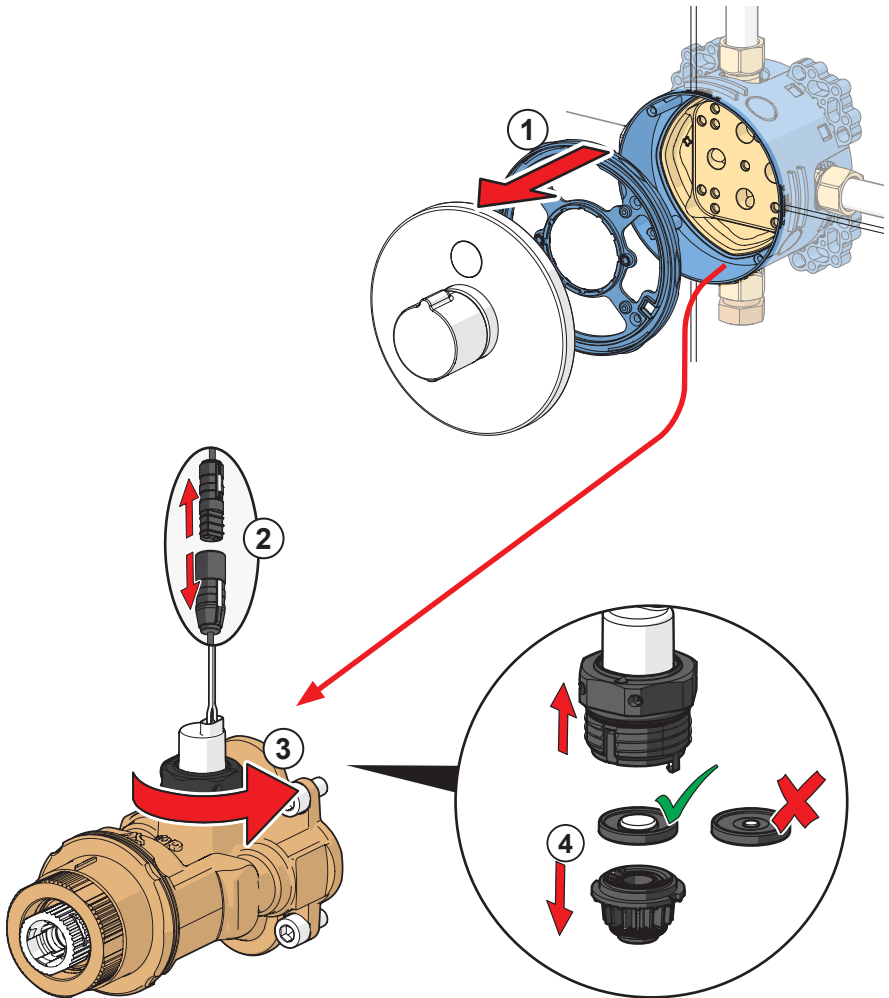
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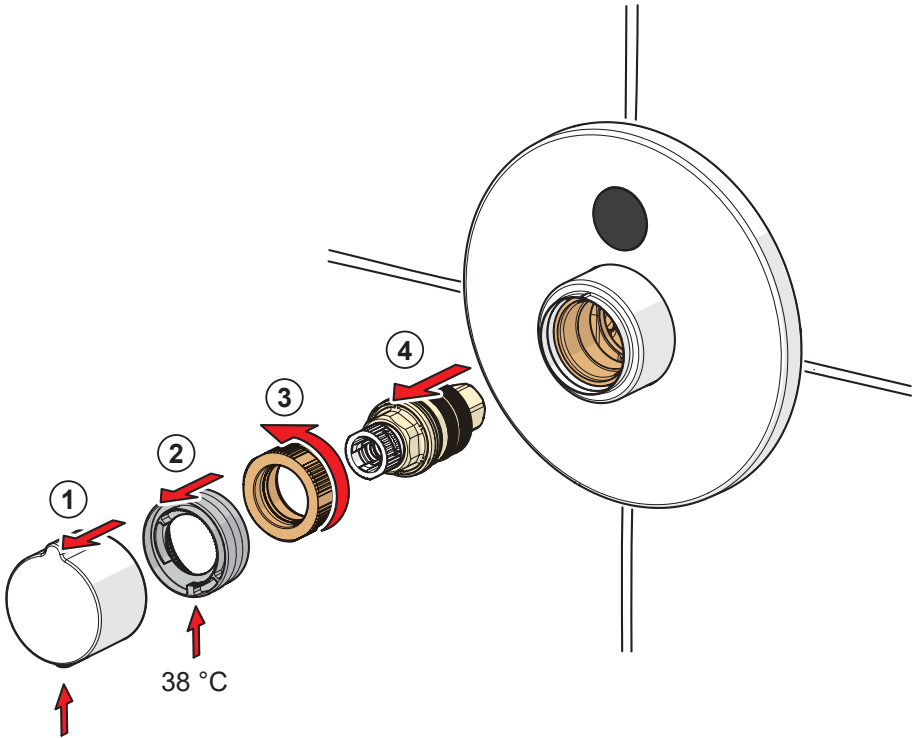
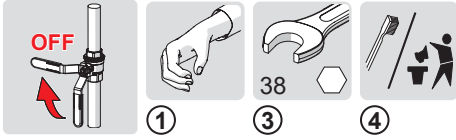


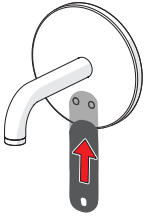
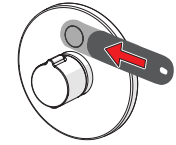


③

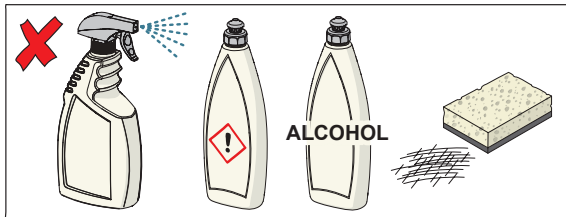
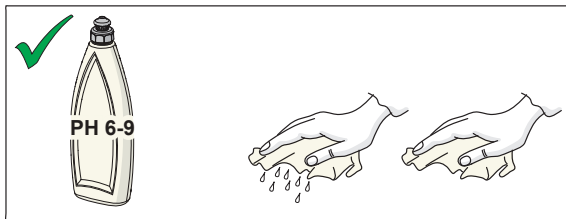
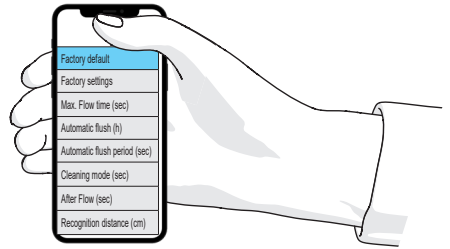
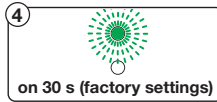
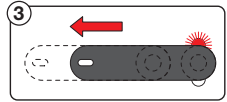
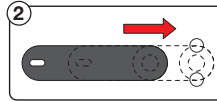
④



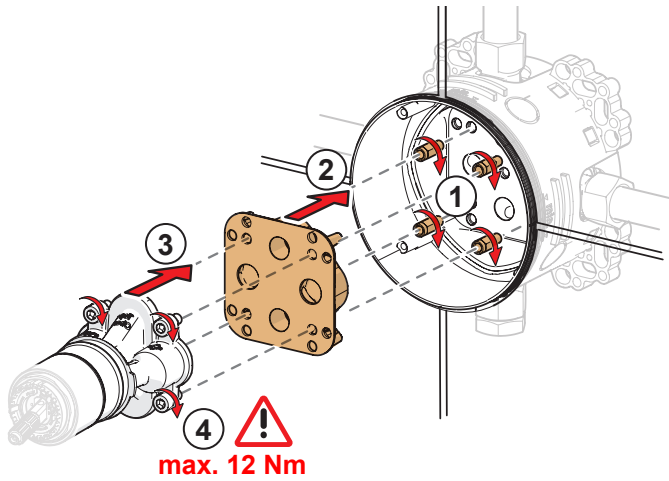
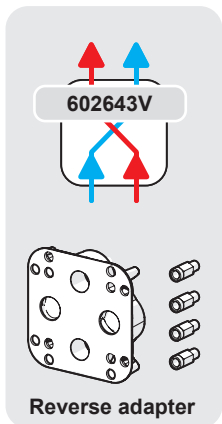
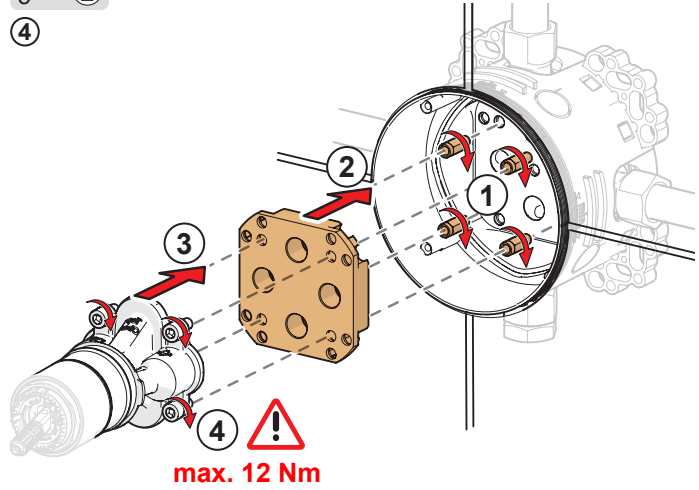
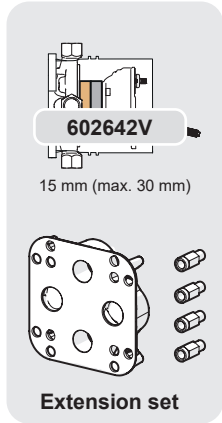
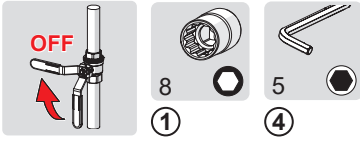


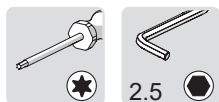


A
B Bluetooth



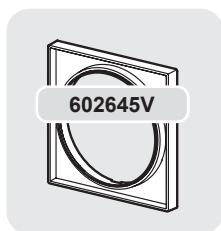
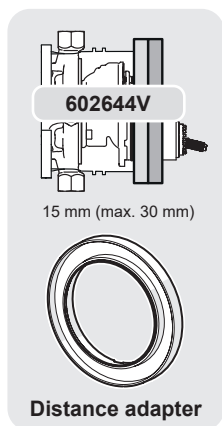
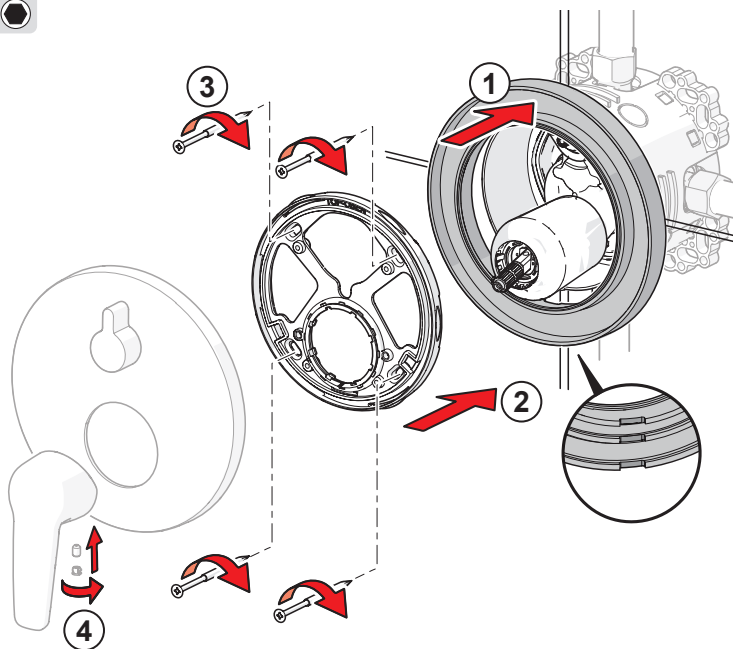
cleaning.oras.com

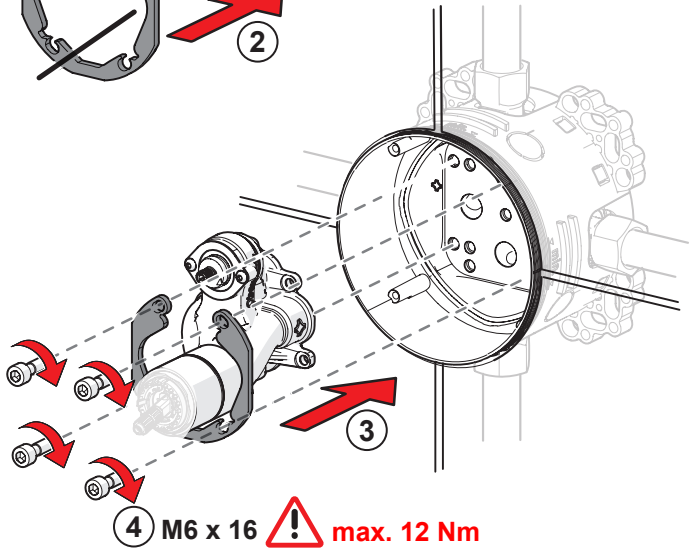
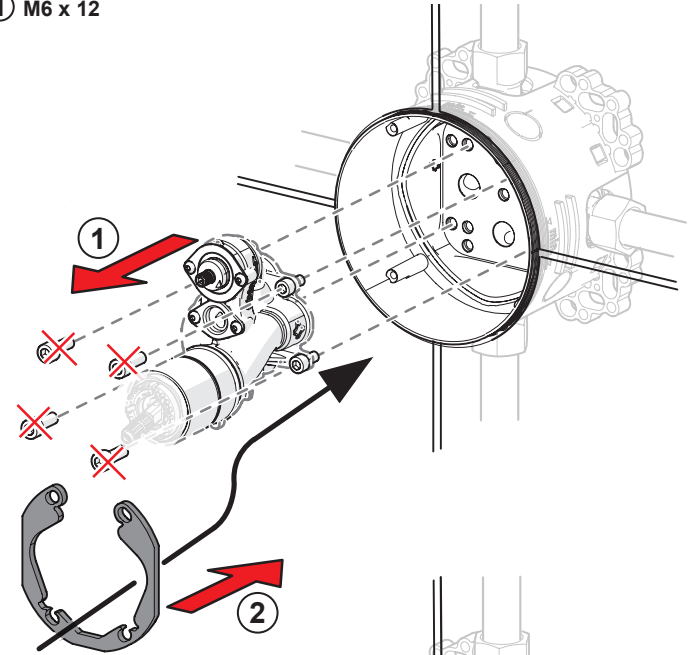
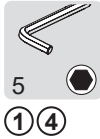
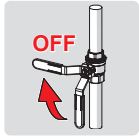




3

4





602646V

max ± 3.5°

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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