



Oras

Installation and maintenance guide



4-12



13-17,
19-21



18



22-31



32



I (ISO 3822)
100 - 1000 kPa
max. +70°C



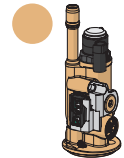
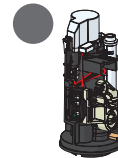
We declare that the Electra line conforms to the Radio Equipment Directive 2014/53/EU, the Low Voltage Directive 2014/35/EU, the EMC Directive 2014/30/EU and the RoHS Directive 2011/65/EU.
For more information:
<https://static.oras.com>



Frequency: 2,4 GHz
Max power: 10 mW
Radio range: 25 m



Extra safety thanks to the AntiScalding system



Oras App



apps.oras.com

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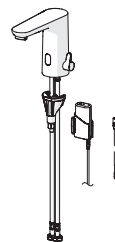
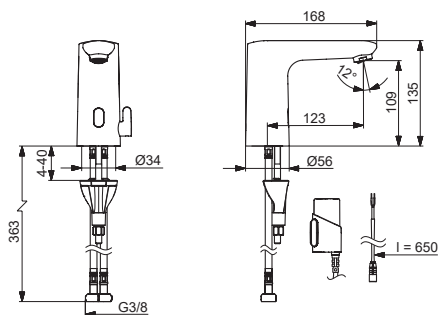
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IP 55
9 V
AA 1.5 V Lithium x 2

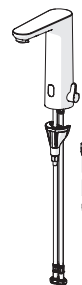
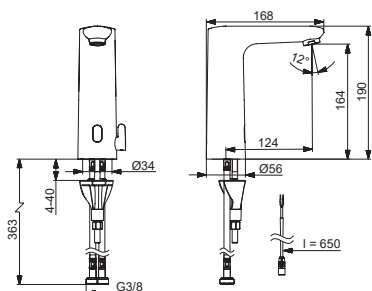


9260FZ
9270FZ
9260FQ



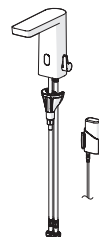
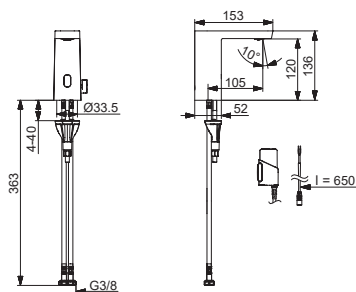
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9360FZ
9370FZ



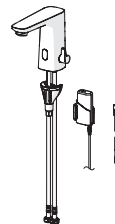
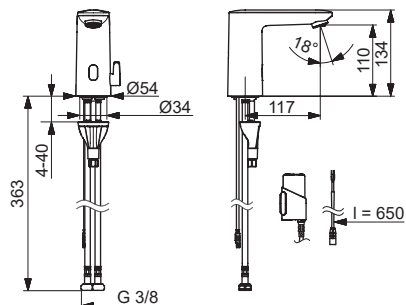
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4814FZ



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9200FZ
9210FZ
9220FZ



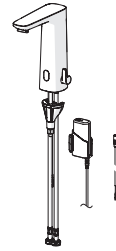
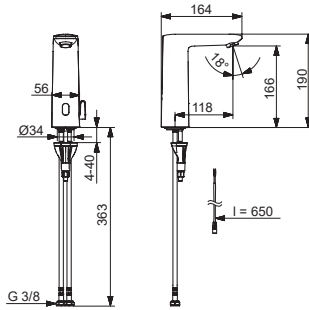
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IP 55
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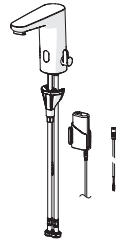
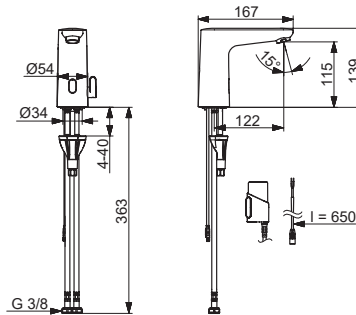


9300FZ
9310FZ
9320FZ



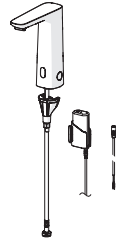
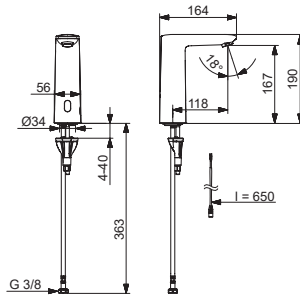
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9301FZ



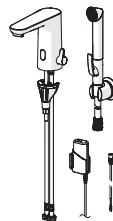
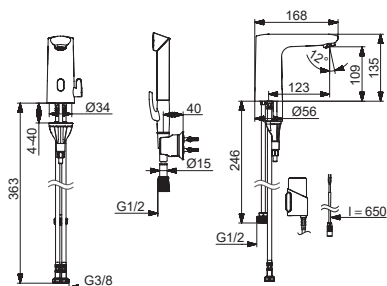
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IP 55
9 V
AA 1.5 V Lithium x 2, CR 2450 3 V

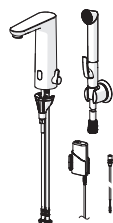
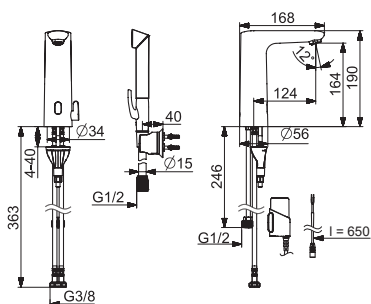


9262FZ
9262FQ



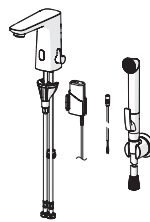
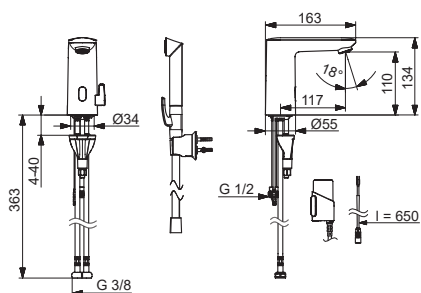
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9362FZ



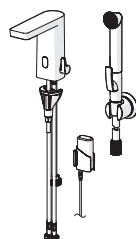
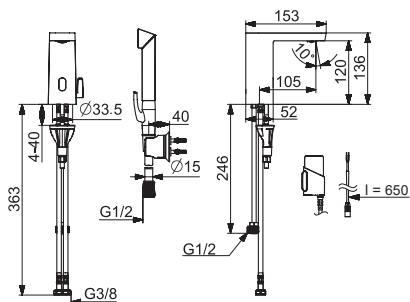
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9212FZ
9222FZ



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4816FZ



mpi.oras.com/4816FZ

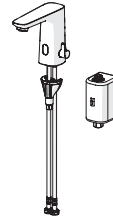
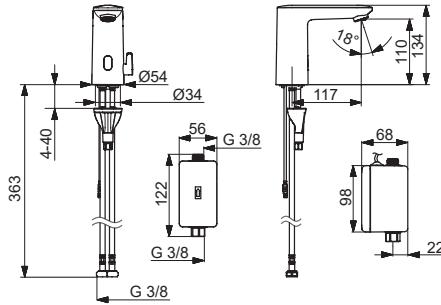


IP 55

LS17500 A Li-SOCI₂ Lithium 3.6

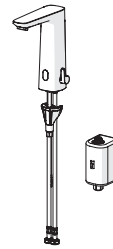
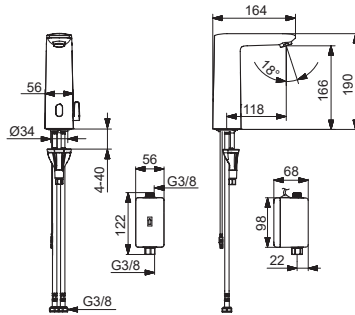


9230BFZ



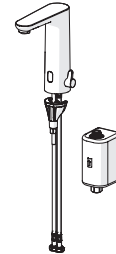
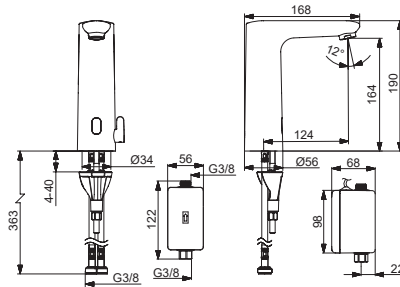
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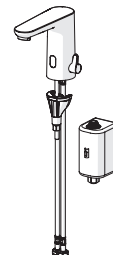
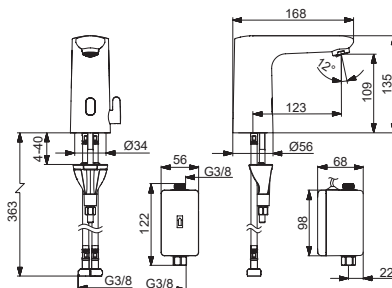
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9380BFZ



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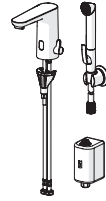
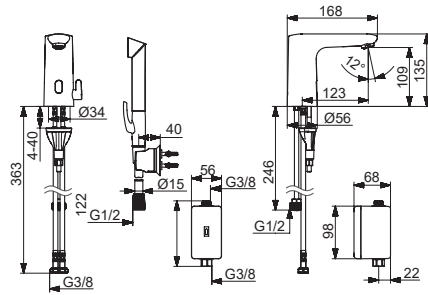
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IP 55
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CR 2450 3 V

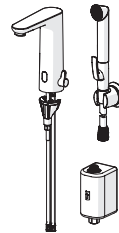
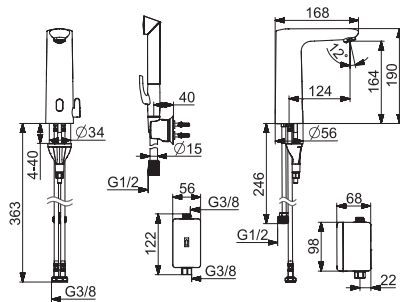


9282BFZ



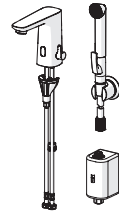
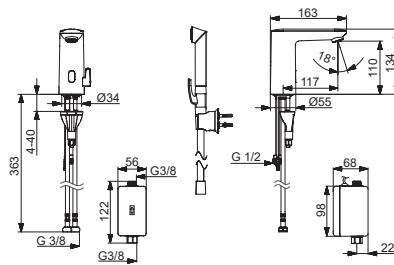
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9382BFZ



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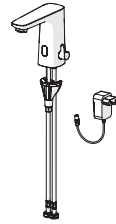
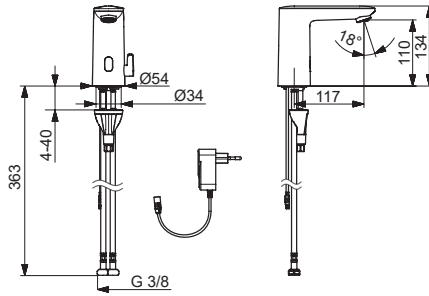
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IP 55 / transformer IP 20
230 / 9 V

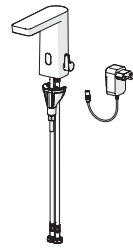
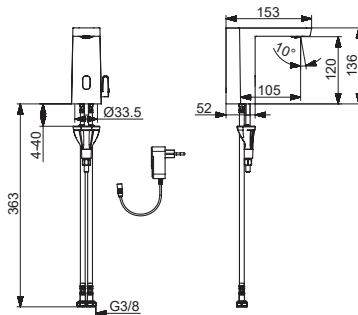


9200FTZ
9220FTZ



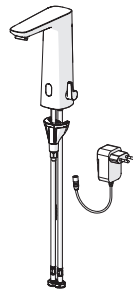
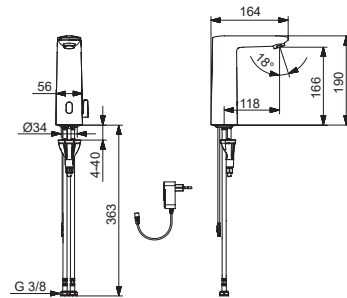
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4824FTZ



mpi.oras.com/4824FTZ

9300FTZ
9310FTZ



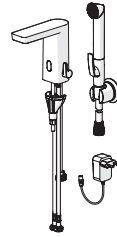
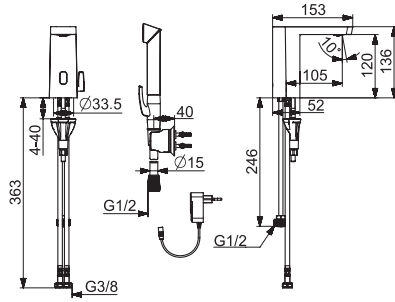
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IP 55 /transformer IP 20
230 / 9 V
CR 2450 3 V



4826FTZ



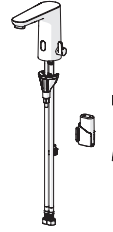
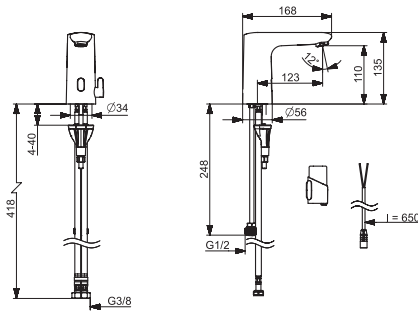
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IP 55
3 V
AA 1.5 V Lithium x 2

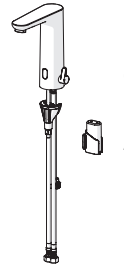
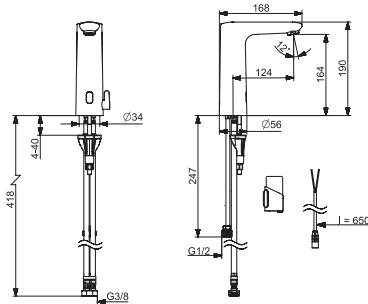


9267FZ

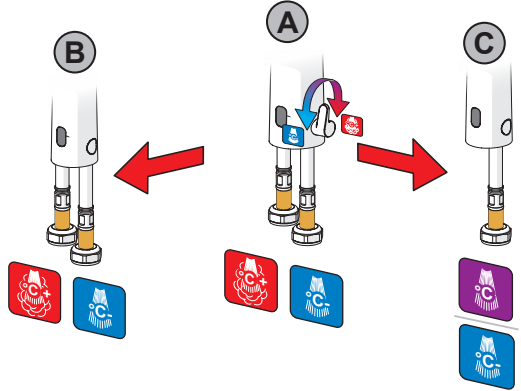
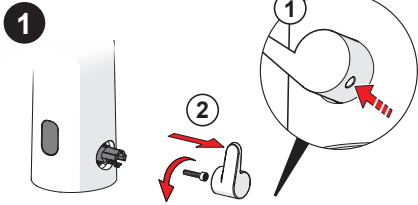
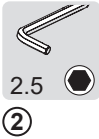
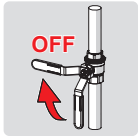


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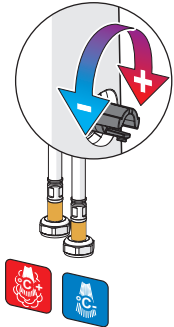
9367FZ



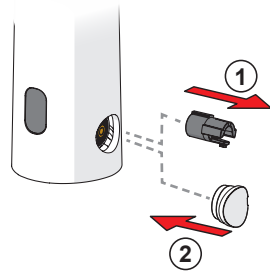
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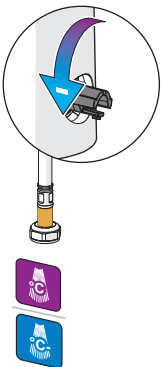
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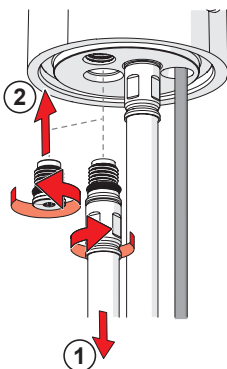
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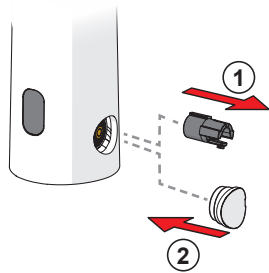
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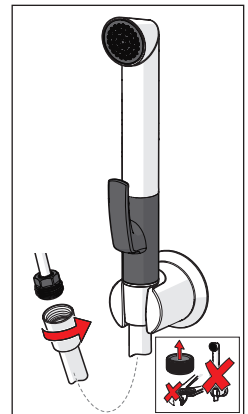
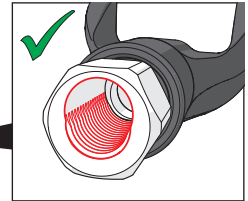
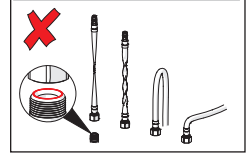
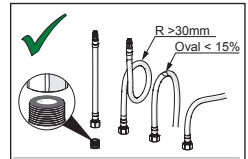
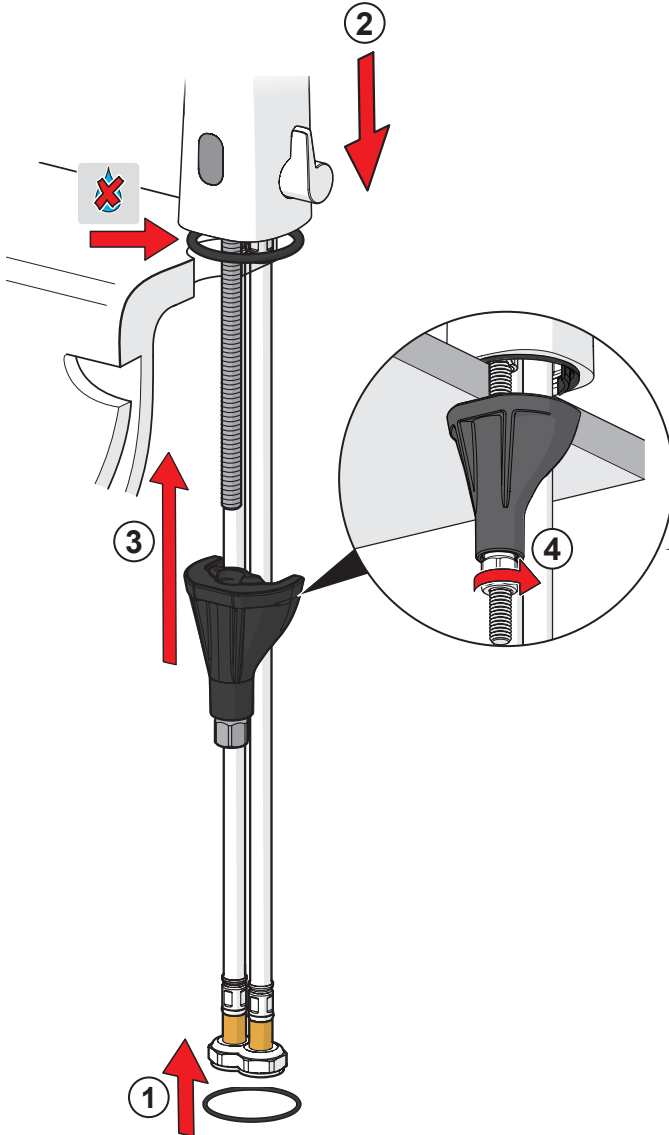
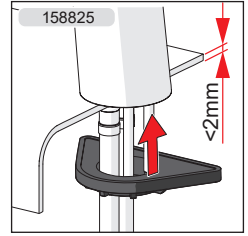
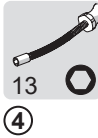
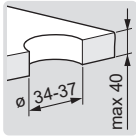
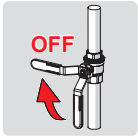


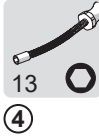
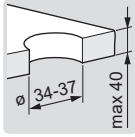
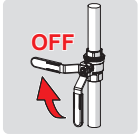
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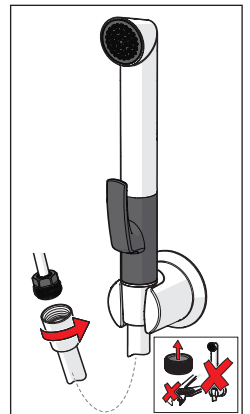
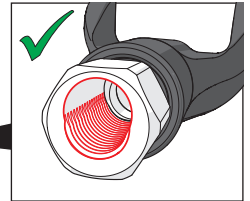
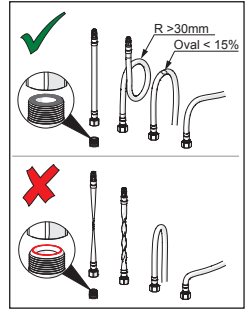
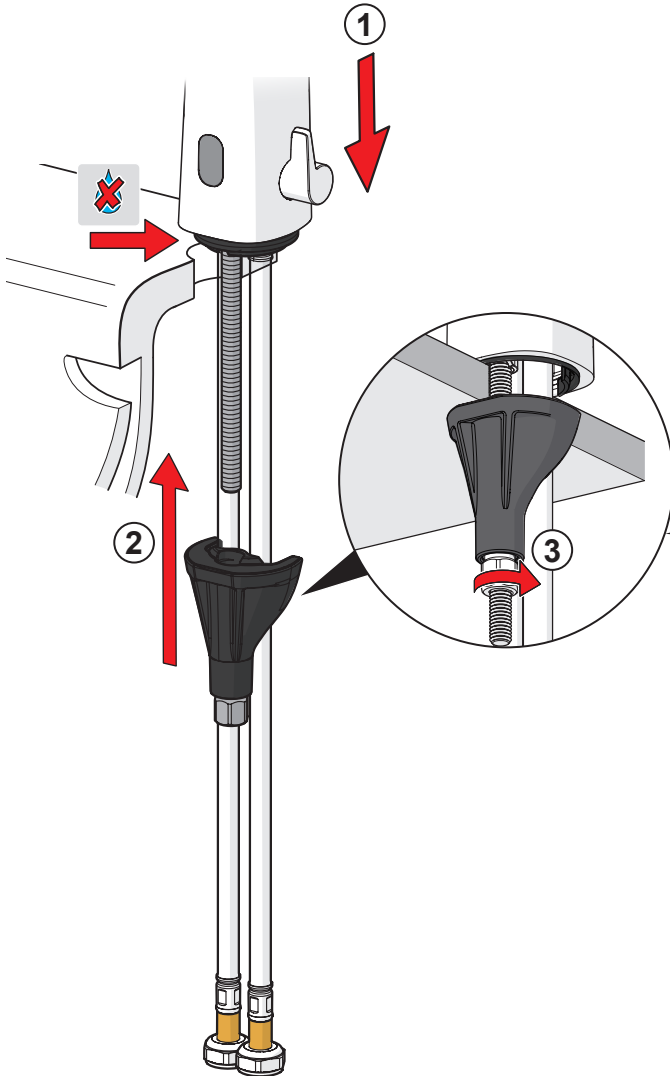
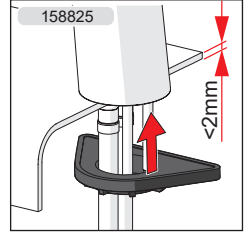
4







max.
1600 kPa





19

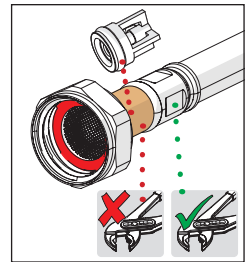
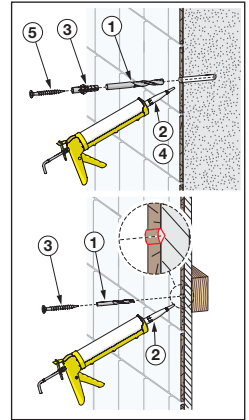
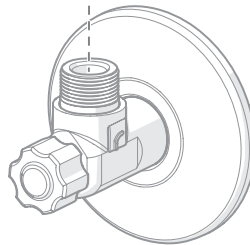
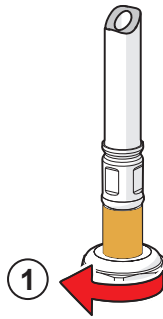
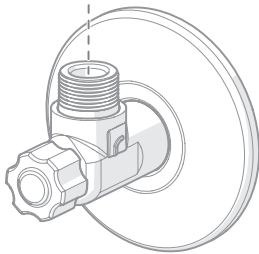
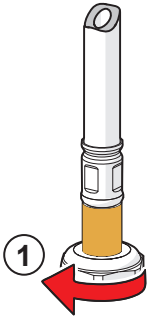


max.
1600 kPa

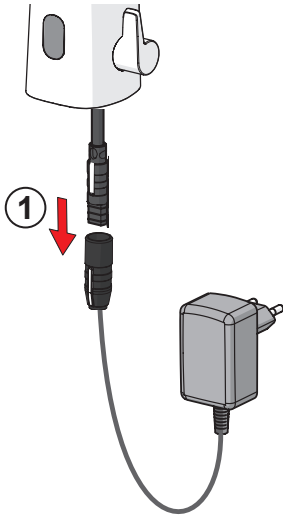


①

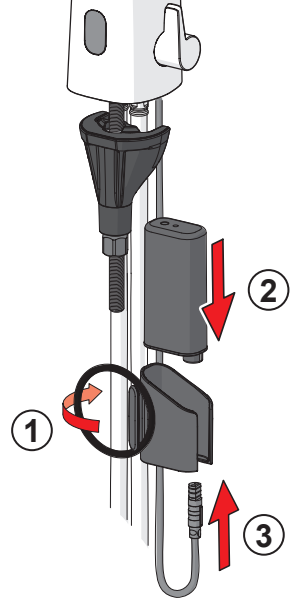
②



3 A



3 B

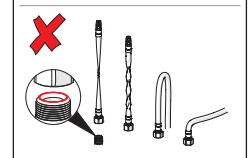
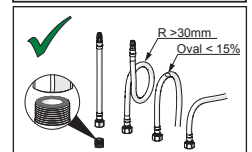
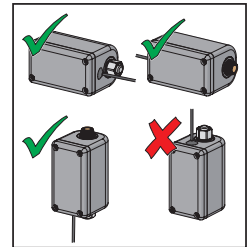
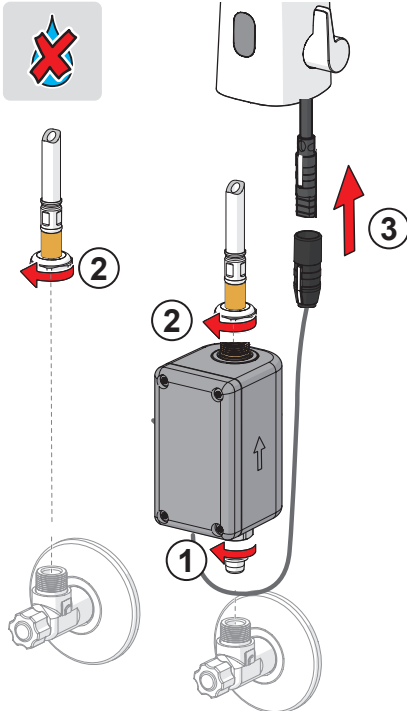


3 C



1 2

max.
1600 kPa





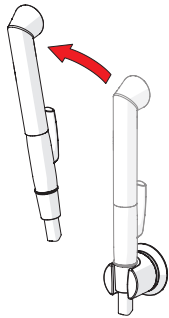
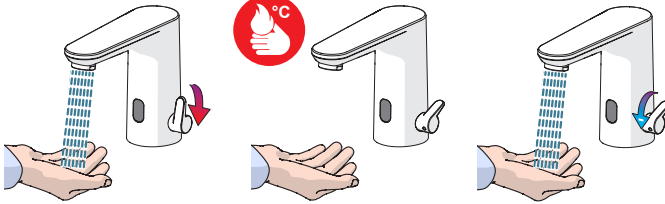
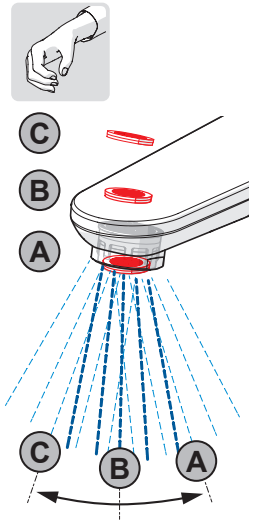
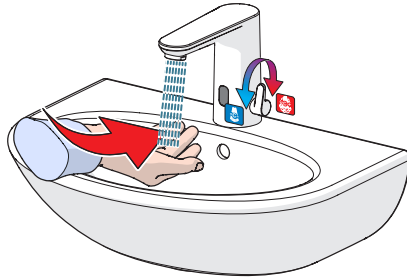
AUTOMATIC

2 s ± 1 s

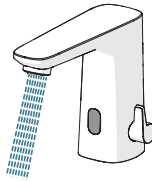
max. 2 min

ANTISCALD

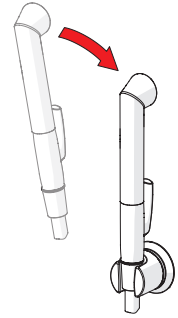
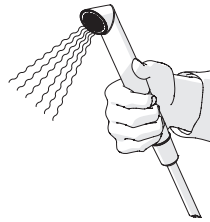
Bluetooth®



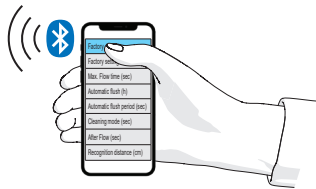
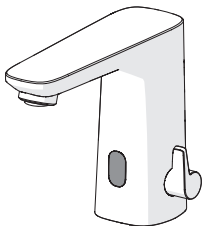
ON



max. 2 min



OFF



Oras App

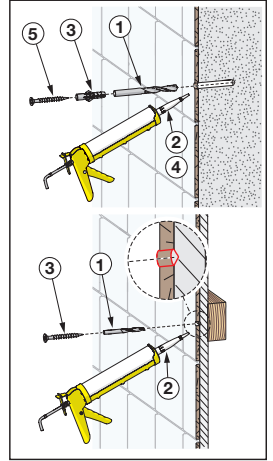
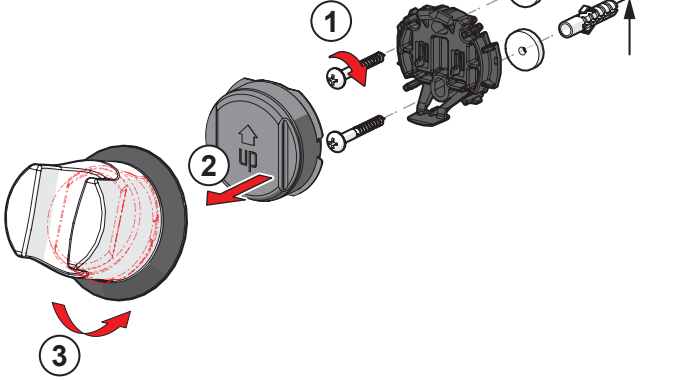


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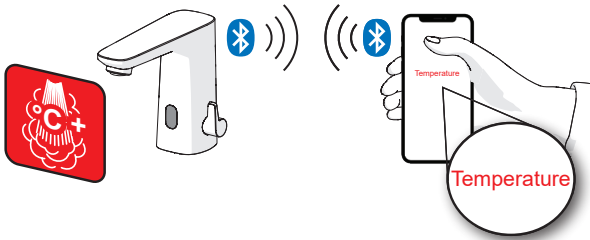


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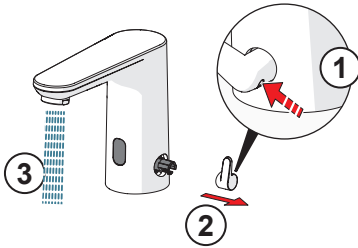
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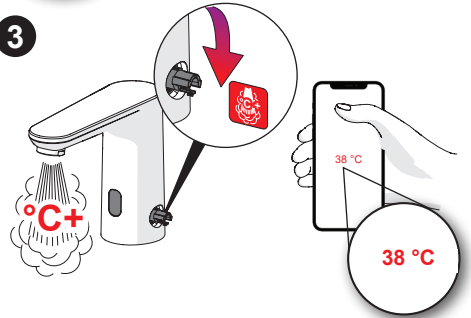
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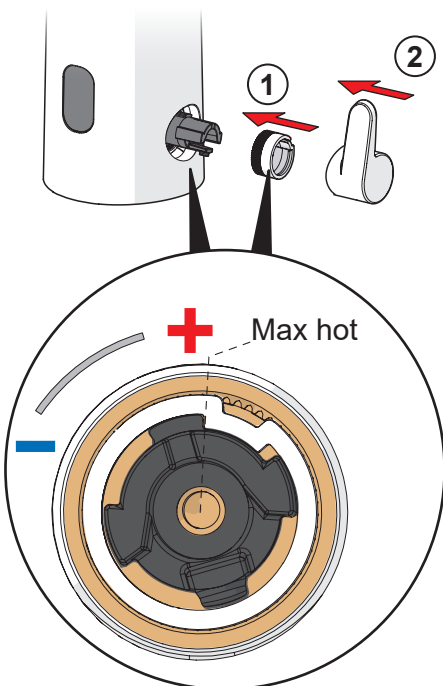
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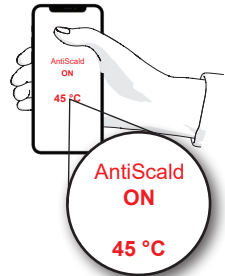
3



4



5



1

Temperature

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2

3

38 °C

8 °C

4

30°

45°

Max hot

Max hot

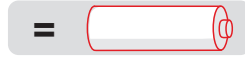
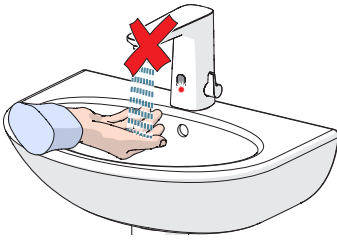
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AntiScald ON

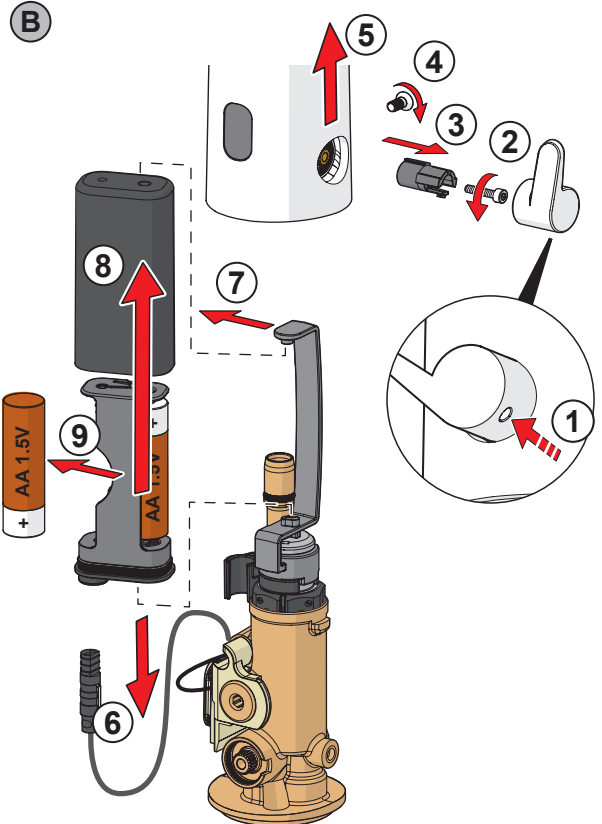
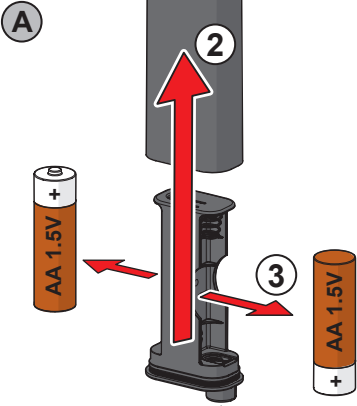
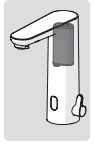
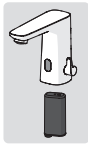
45 °C

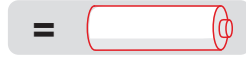
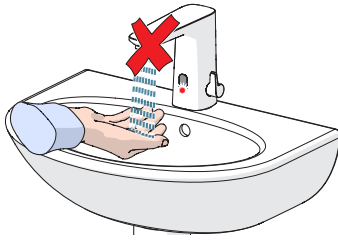
AntiScald ON

45 °C

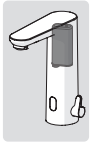
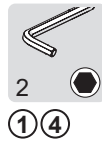
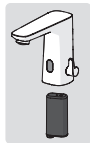


AA 1.5 V
Lithium x 2

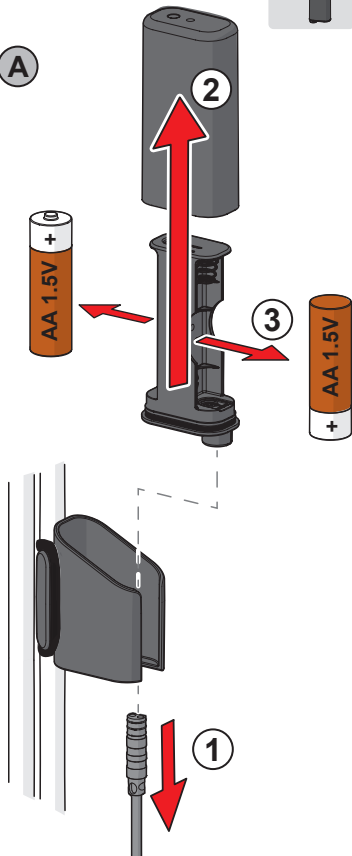




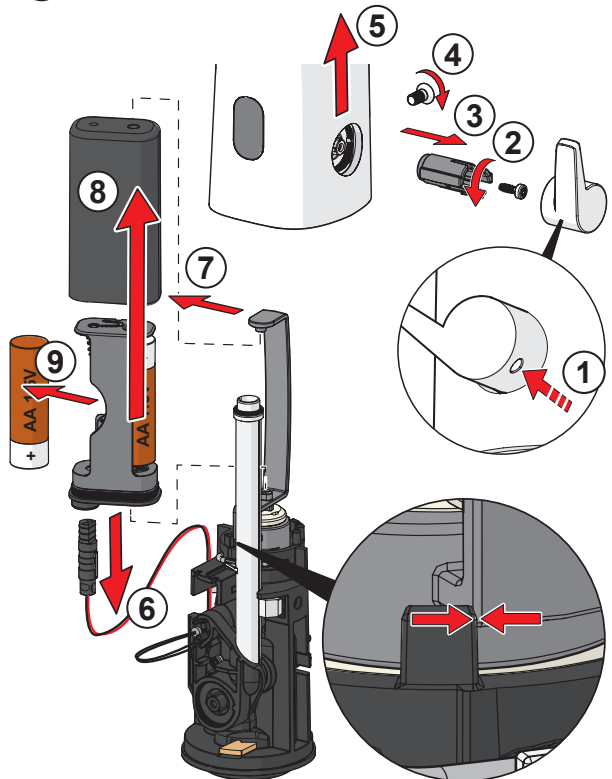
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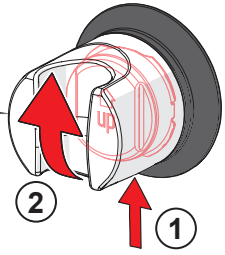
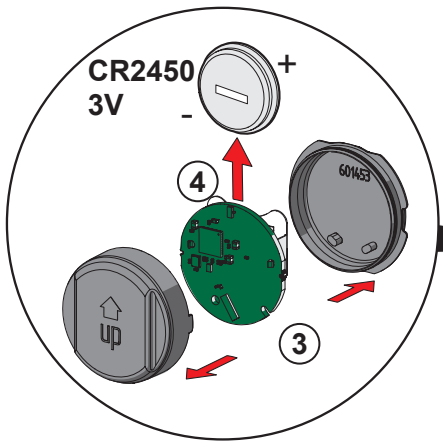
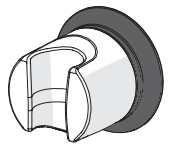
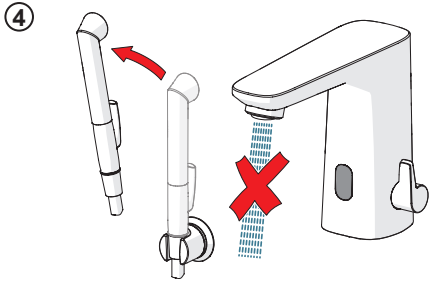


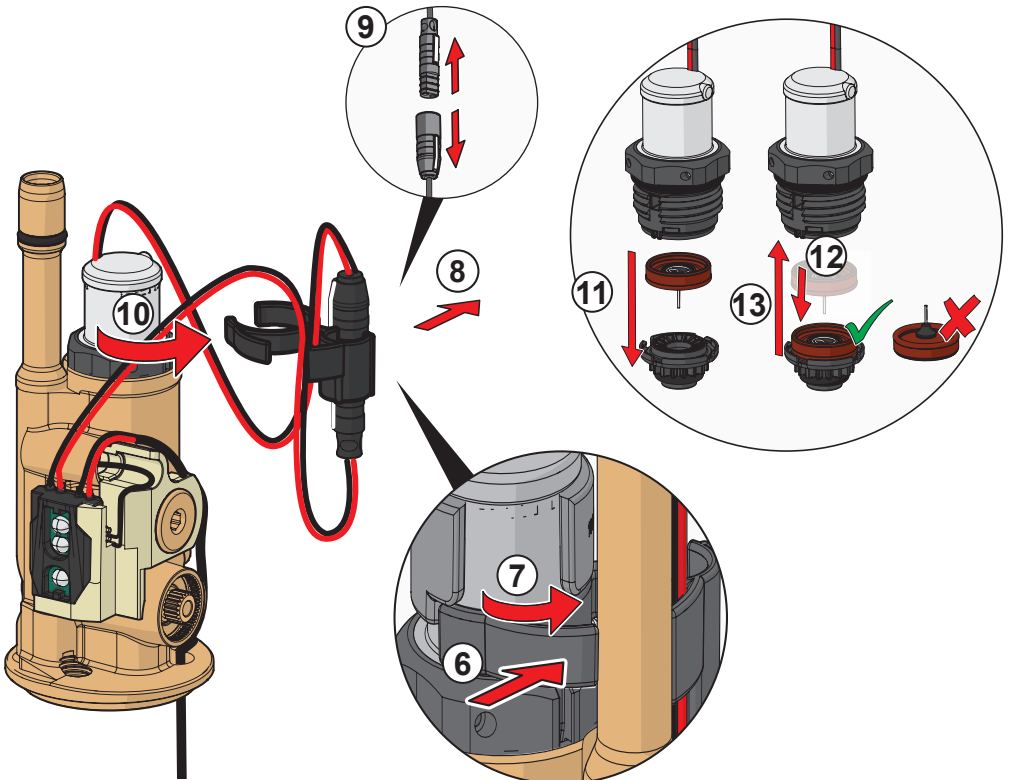
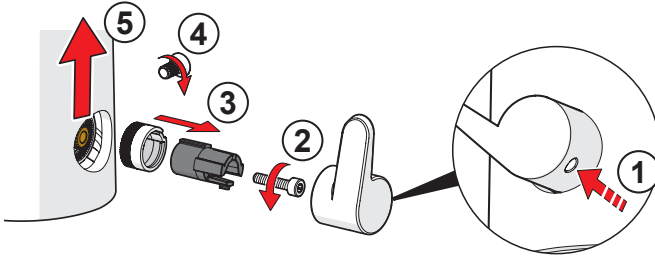
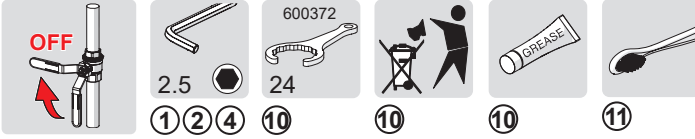
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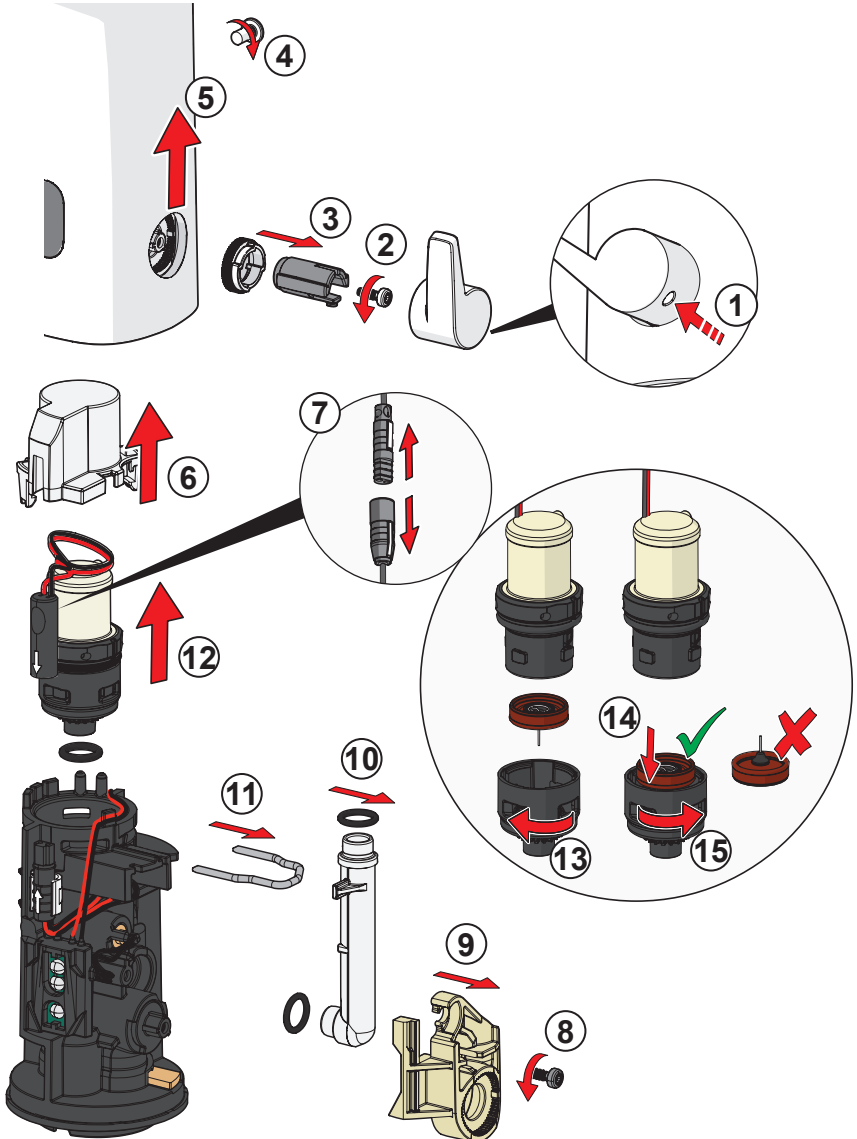
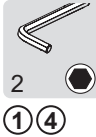
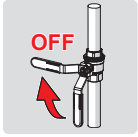


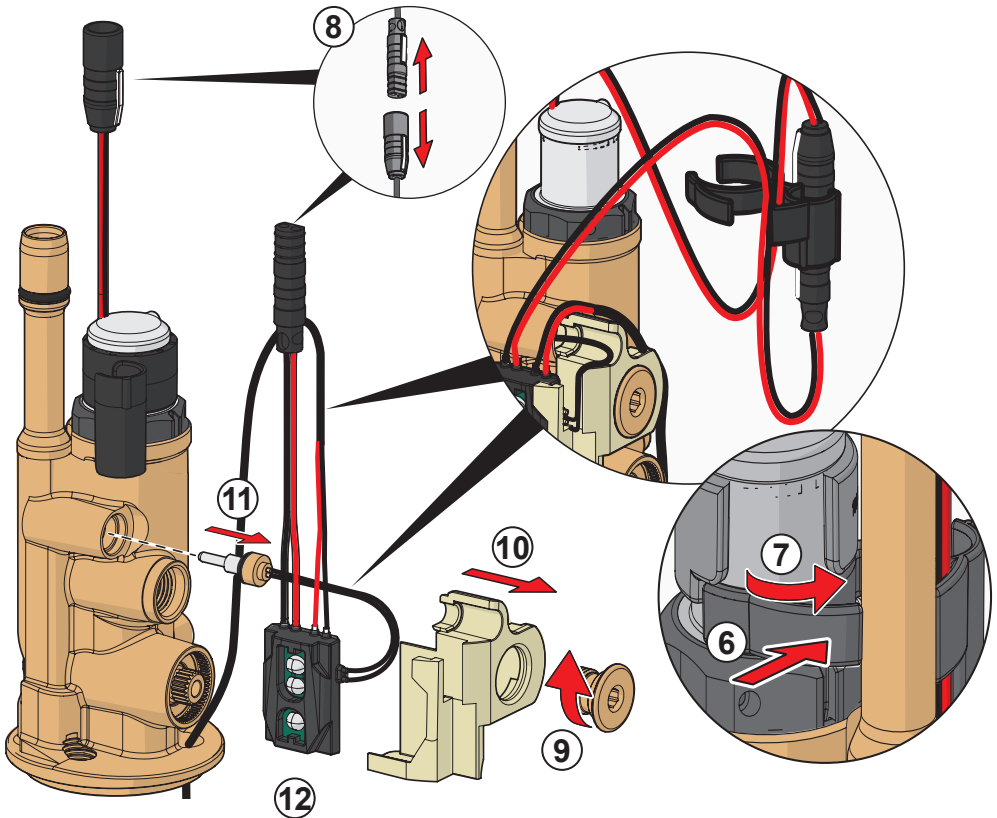
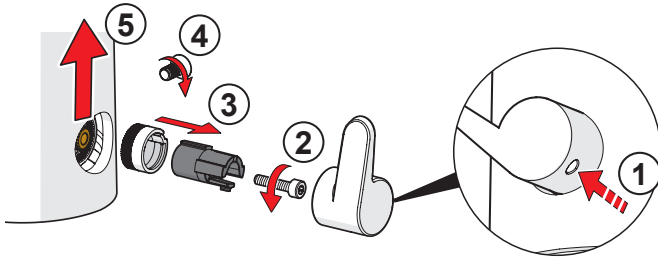
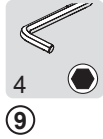
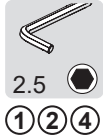
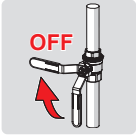
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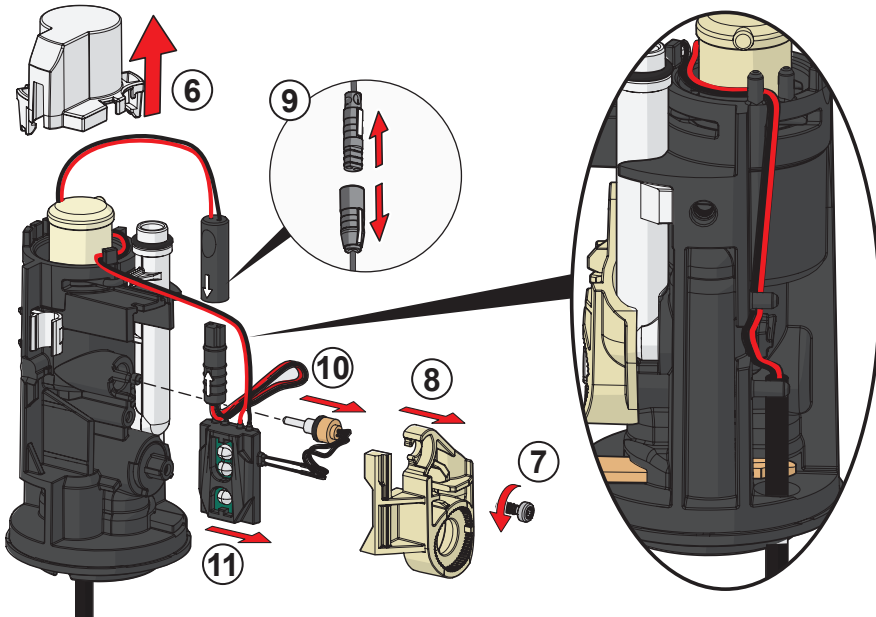
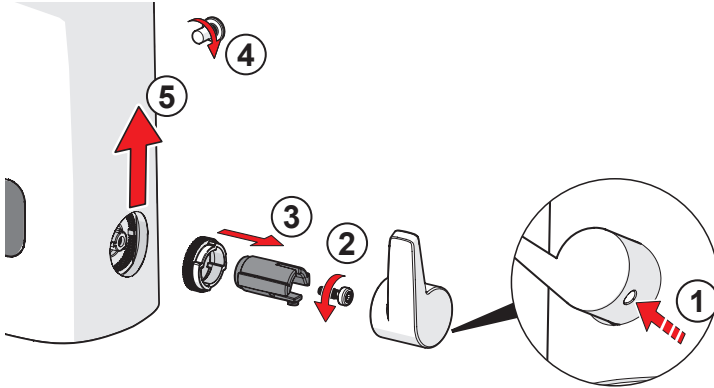
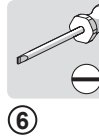
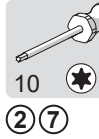
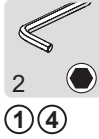
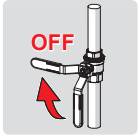
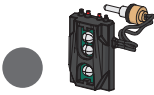


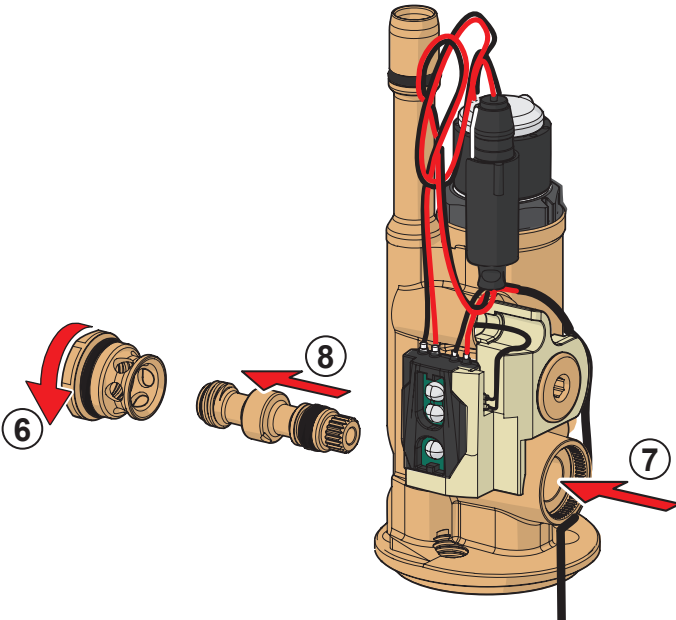
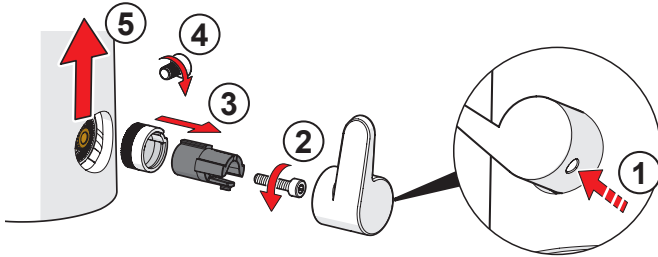
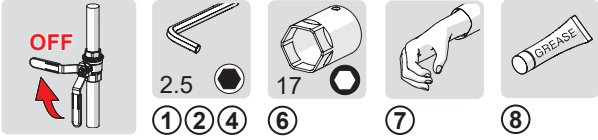
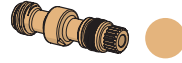


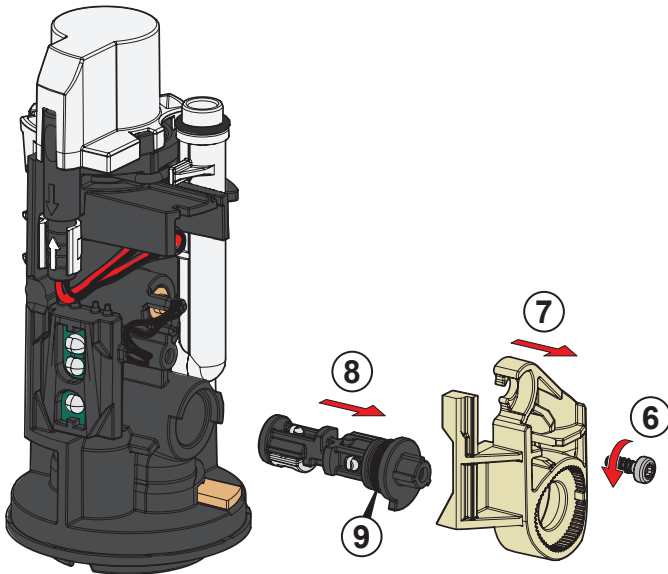
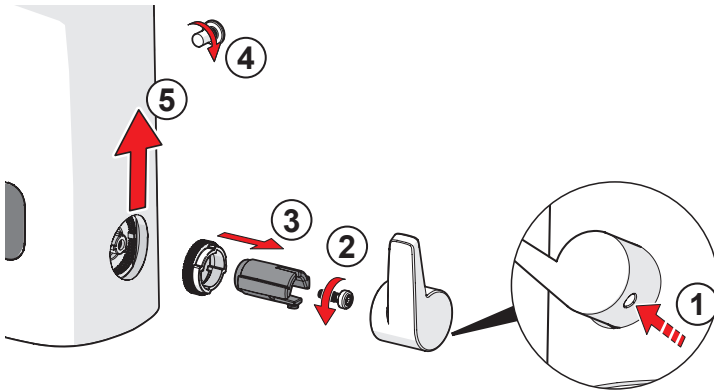
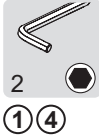
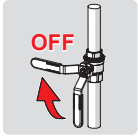










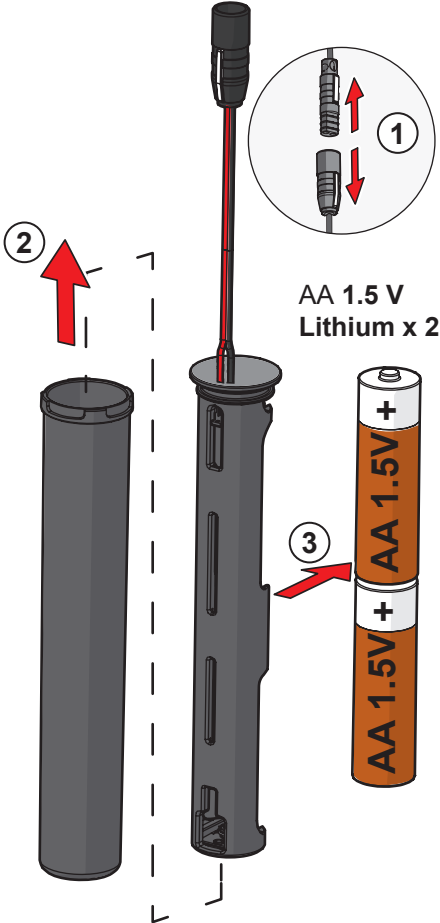




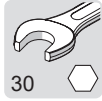
② ③



③



① ③



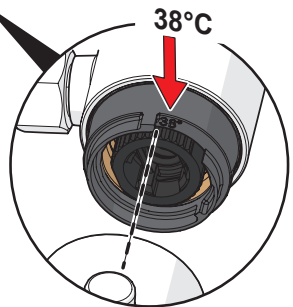
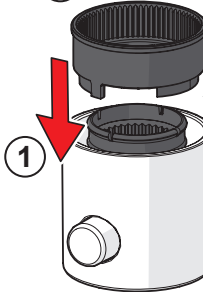
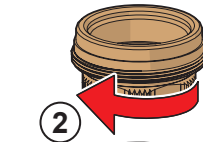
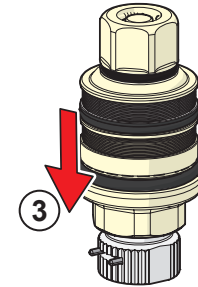
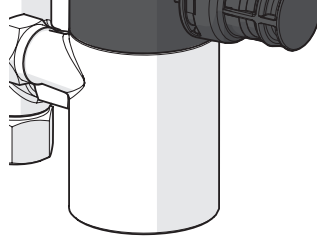
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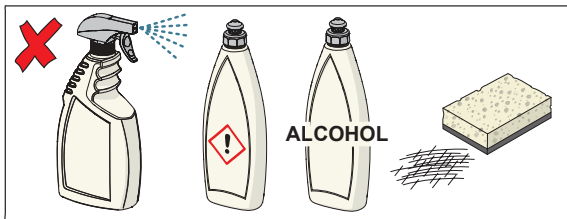
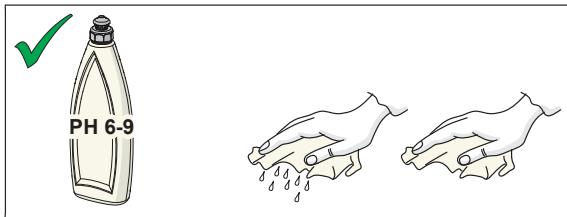
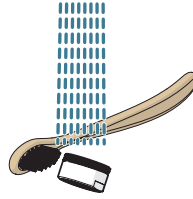
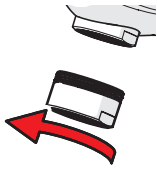


③



③





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About Oras Group

Oras Group is a significant European provider of sanitary fittings: the market leader in the Nordics and a leading company in Continental Europe.

The company's mission is to create the smartest water experiences for everyone and its vision is to become the Perfect Flow Company.

The Group has two strong brands, Oras and Hansa. Oras Group is owned by Oras Invest, a family company, and an industrial owner.

The domicile of Oras Ltd, the parent company of the Group, is located in Rauma, Finland, and the Group has three manufacturing sites: Kralovice (Czech Republic), Olesno (Poland) and Rauma (Finland).

The Group operates with its own staff in 17 markets. Oras Group's net sales were 233.5 million euros in 2021 and at the end of the period the company employed 1255 people.

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