








Oras

Installation and maintenance guide

	4-12
	13-17, 19-21
	18
	22-31
	32



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



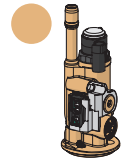
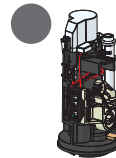
Frequency: 2,4 GHz
Max power: 10 mW
Radio range: 25 m



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>



Extra safety thanks to the AntiScalding system



Oras App



apps.oras.com

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc., registered in the U.S. and other countries.

Google Play and the Google Play logo are trademarks of Google Inc.

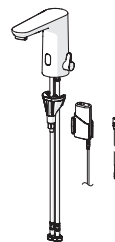
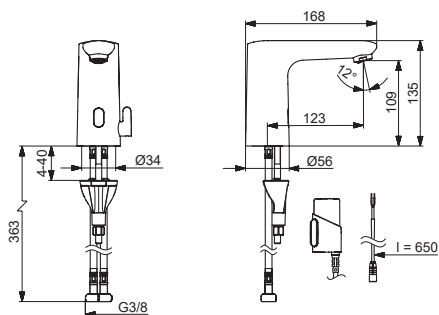
The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Oras Group is under license. Other trademarks and trade names are those of their respective owners.



IP 55
9 V
AA 1.5 V Lithium x 2

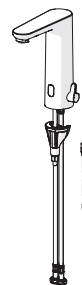
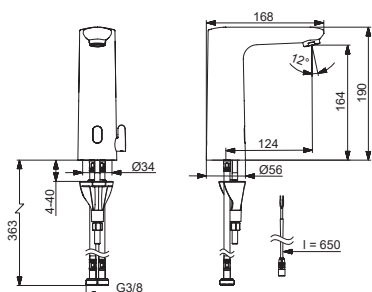


9260FZ
9270FZ
9260FQ



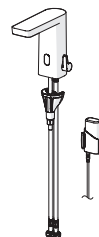
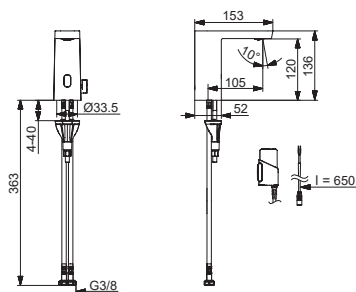
mpi.oras.com/9260FZ

9360FZ
9370FZ



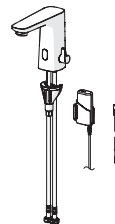
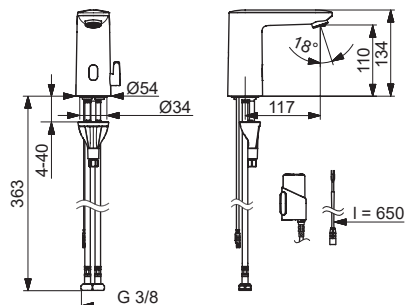
mpi.oras.com/9360FZ

4814FZ



mpi.oras.com/4814FZ

9200FZ
9210FZ
9220FZ



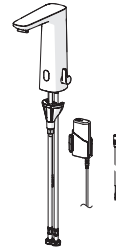
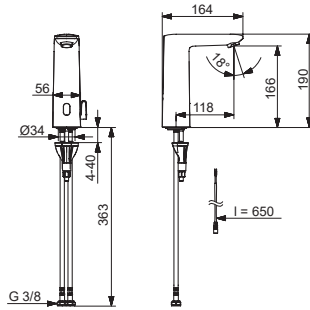
mpi.oras.com/9200FZ



IP 55
9 V
AA 1.5 V Lithium x 2

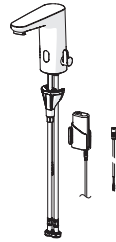
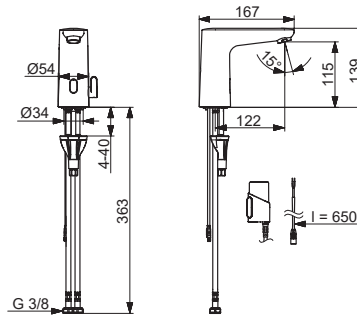


9300FZ
9310FZ
9320FZ



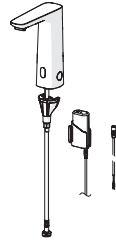
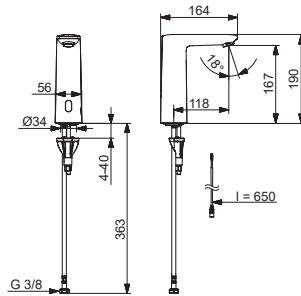
mpi.oras.com/9300FZ

9100FZ
9110FZ



mpi.oras.com/9100FZ

9301FZ



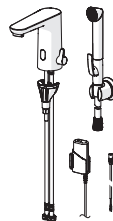
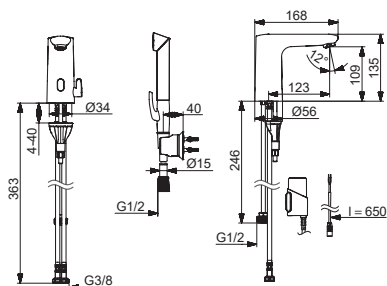
mpi.oras.com/9301FZ



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

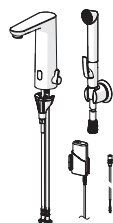
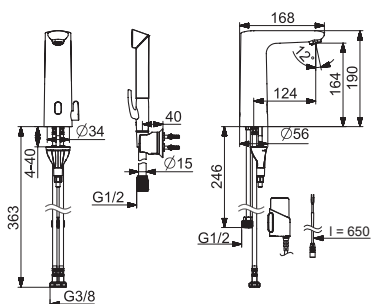


9262FZ 
9262FQ



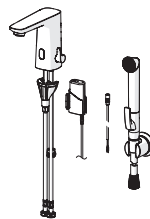
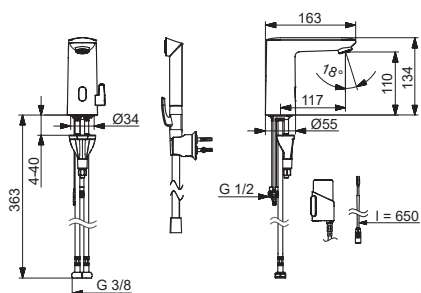
mpi.oras.com/9262FZ

9362FZ 



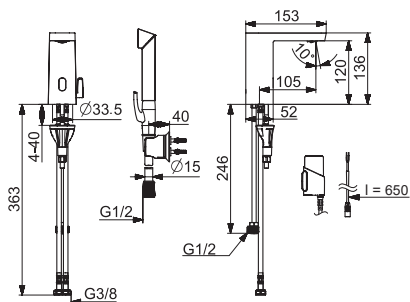
mpi.oras.com/9362FZ

9212FZ 
9222FZ 



mpi.oras.com/9212FZ

4816FZ 



mpi.oras.com/4816FZ

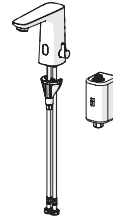
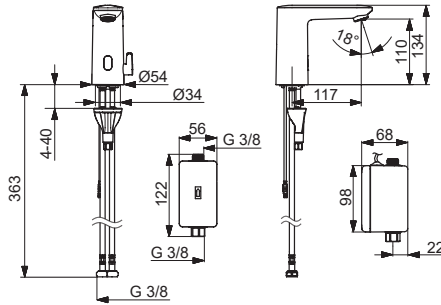


IP 55

LS17500 A Li-SOCI2 Lithium 3.6

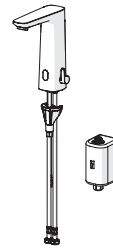
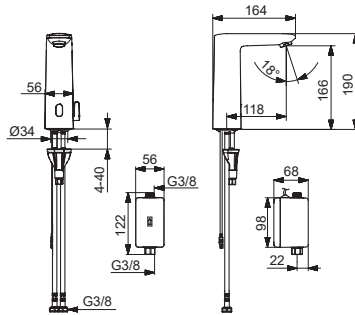


9230BFZ



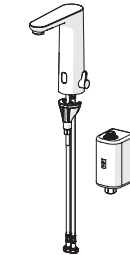
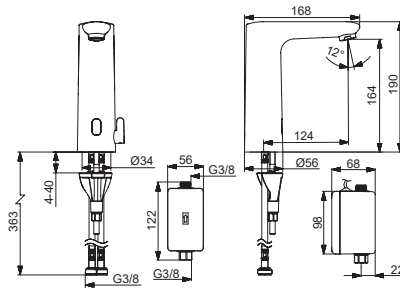
mpi.oras.com/9230BFZ

9330BFZ



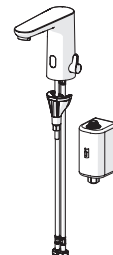
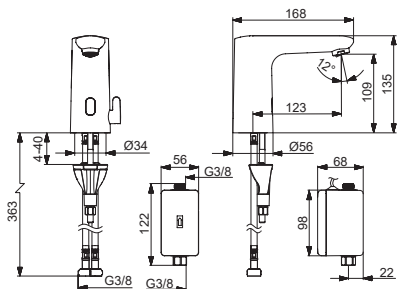
mpi.oras.com/9330BFZ

9380BFZ



mpi.oras.com/9380BFZ

9280BFZ



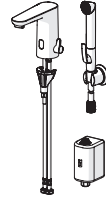
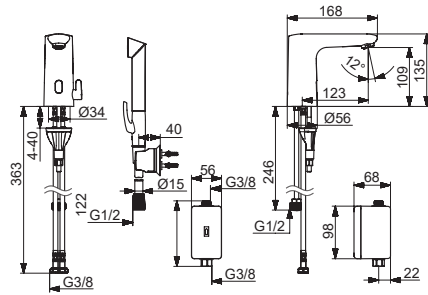
mpi.oras.com/9280BFZ



IP 55
LS17500 A Li-SOC12 Lithium 3.6V,
CR 2450 3 V

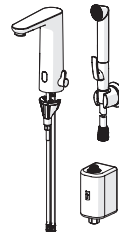
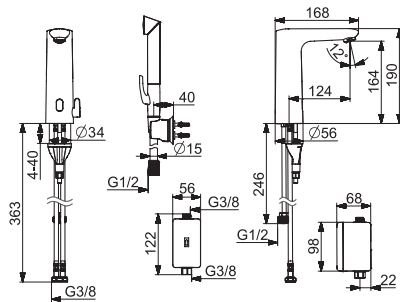


9282BFZ



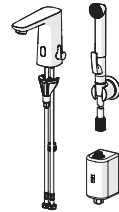
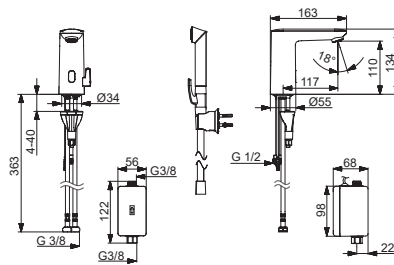
mpi.oras.com/9282BFZ

9382BFZ



mpi.oras.com/9382BFZ

9232BFZ



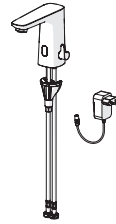
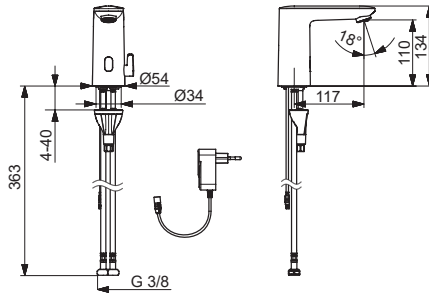
mpi.oras.com/9232BFZ



IP 55 / transformer IP 20
230 / 9 V

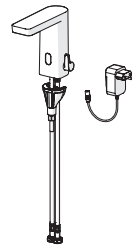
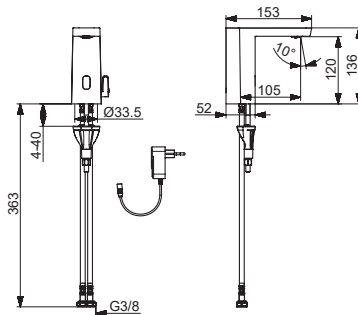


9200FTZ
9220FTZ



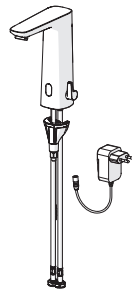
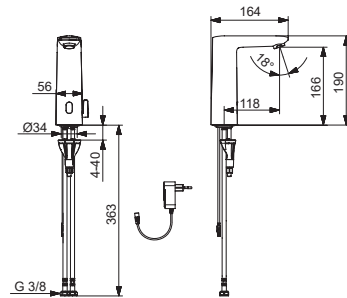
mpi.oras.com/9200FTZ

4824FTZ



mpi.oras.com/4824FTZ

9300FTZ
9310FTZ



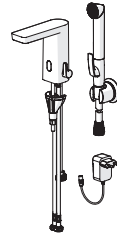
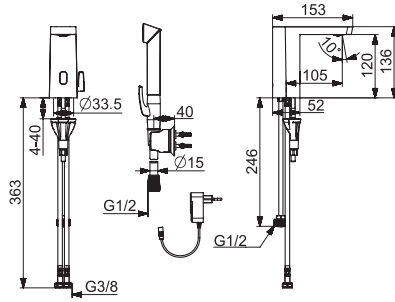
mpi.oras.com/9300FTZ



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



4826FTZ



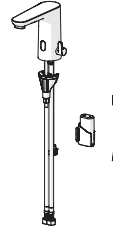
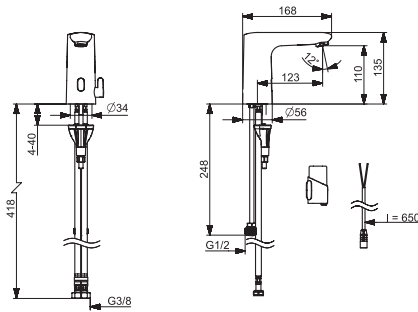
mpi.oras.com/4826FTZ



IP 55
3 V
AA 1.5 V Lithium x 2

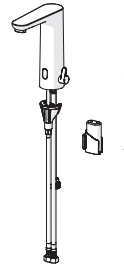
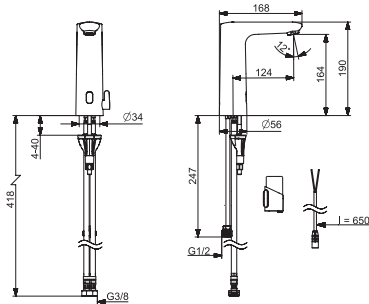


9267FZ

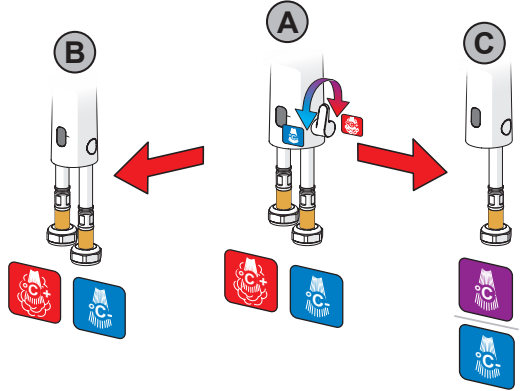
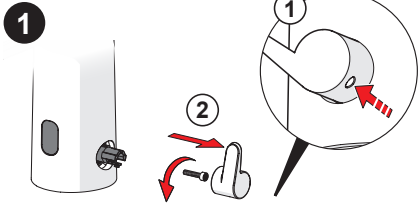
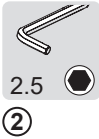
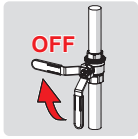


mpi.oras.com/9267FZ

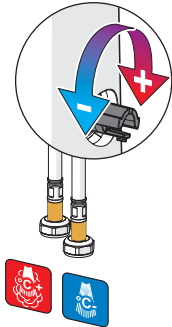
9367FZ



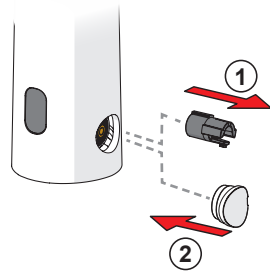
mpi.oras.com/9367FZ



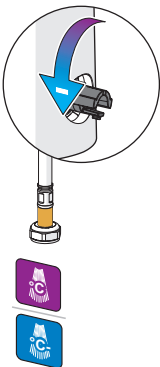
2 B



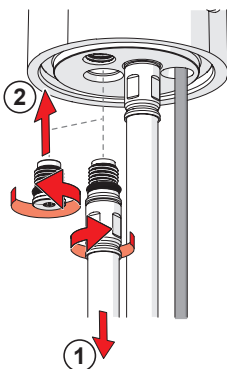
3



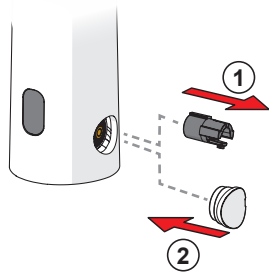
2 C

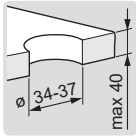
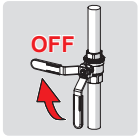


3

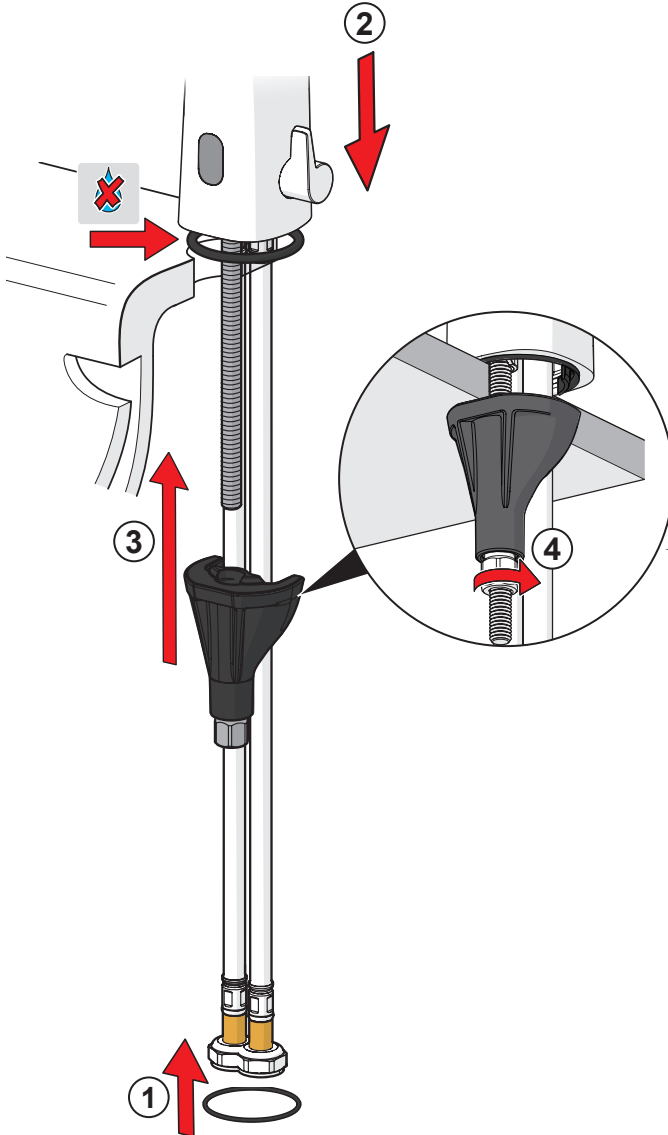
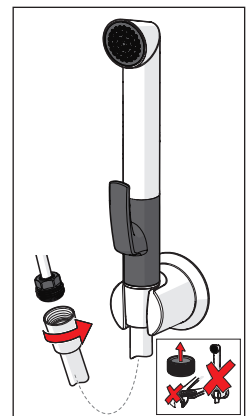
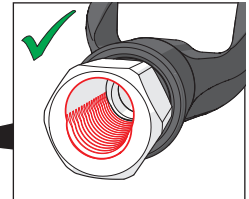
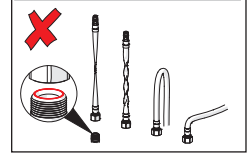
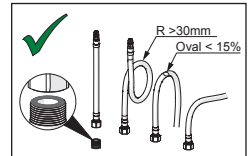
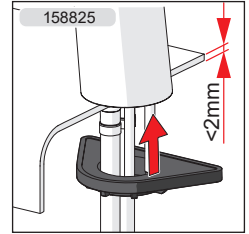


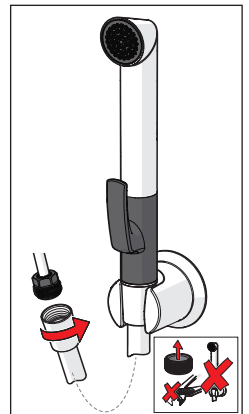
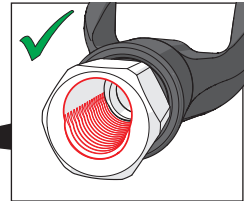
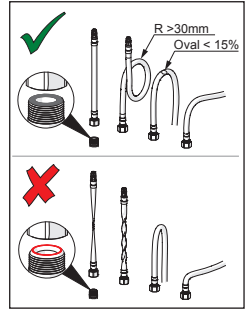
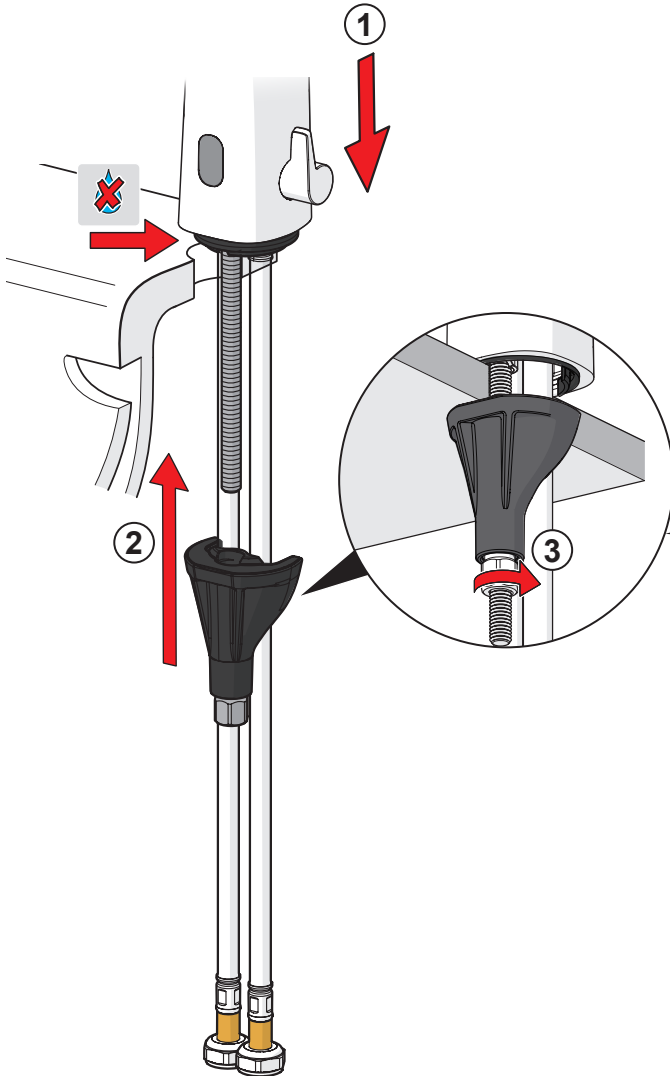
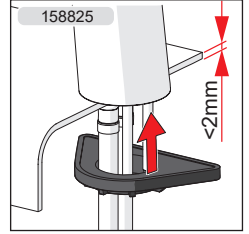
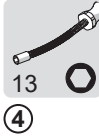
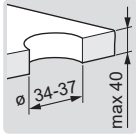
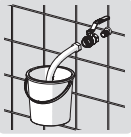
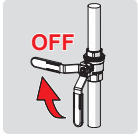
4

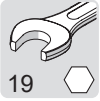




max.
1600 kPa







19

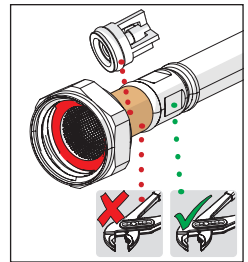
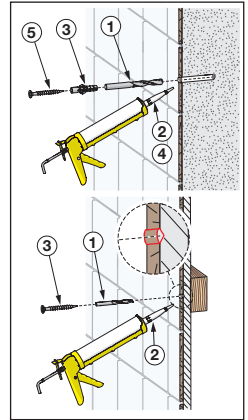
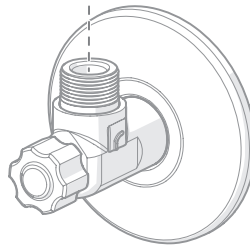
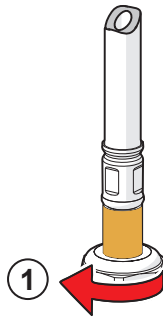
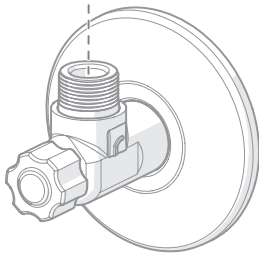
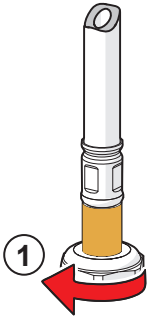


max.
1600 kPa

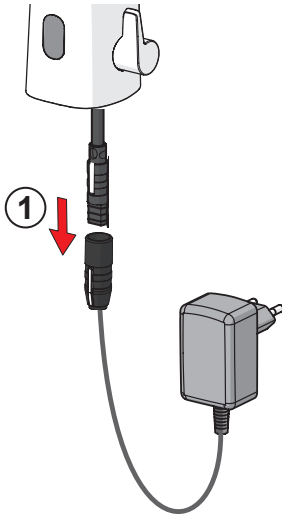


①

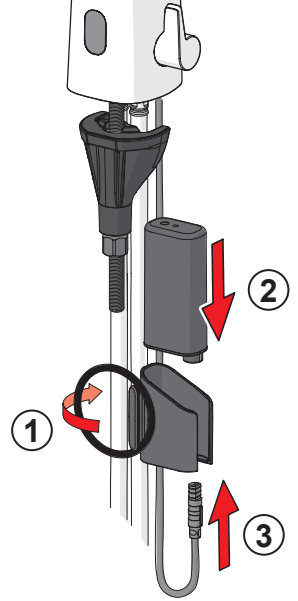
②



3 A



3 B

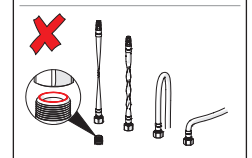
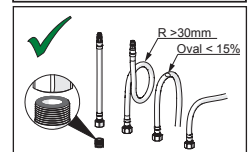
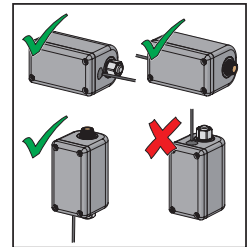
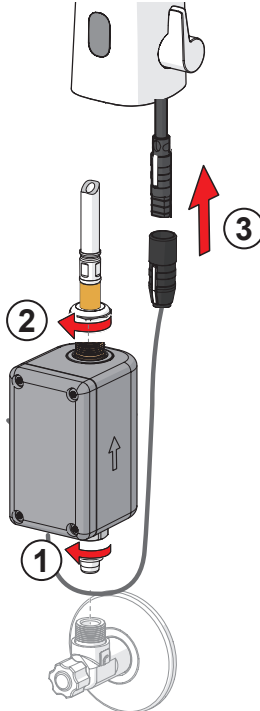
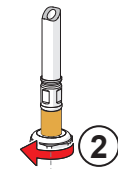


3 C



1 2

max.
1600 kPa





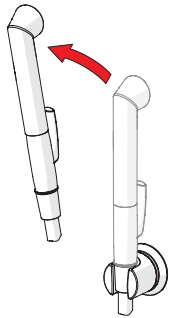
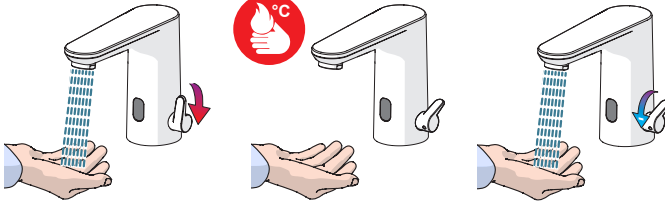
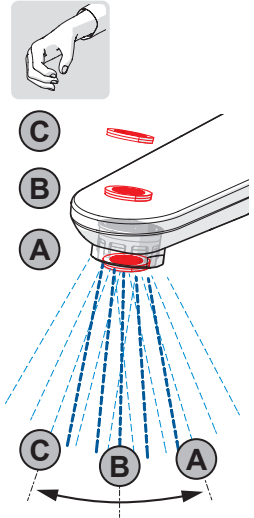
AUTOMATIC

2 s ± 1 s

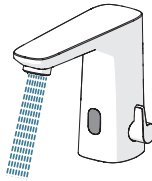
max. 2 min

ANTISCALD

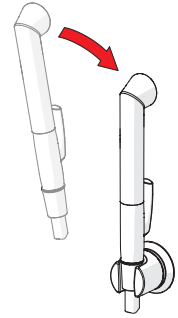
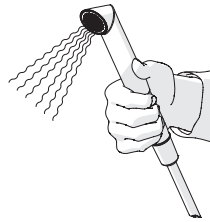
Bluetooth®



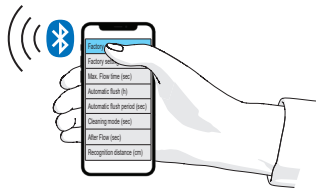
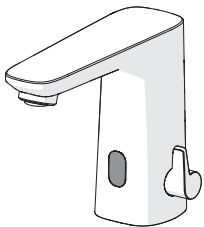
ON



max. 2 min



OFF



Oras App

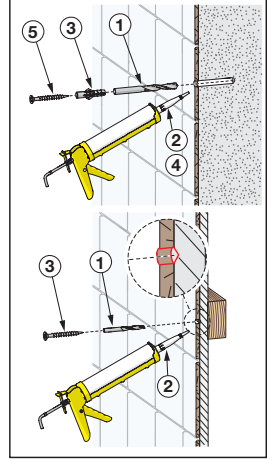
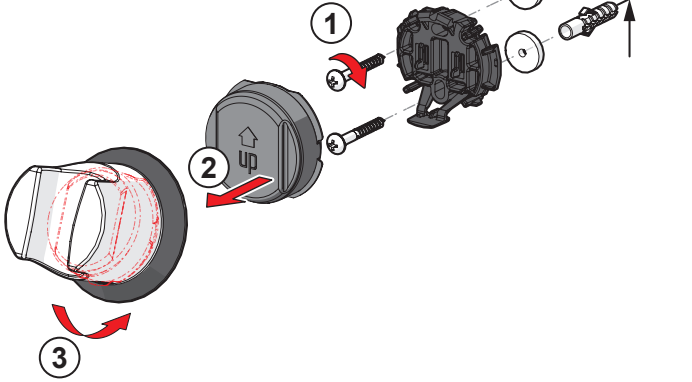


apps.oras.com



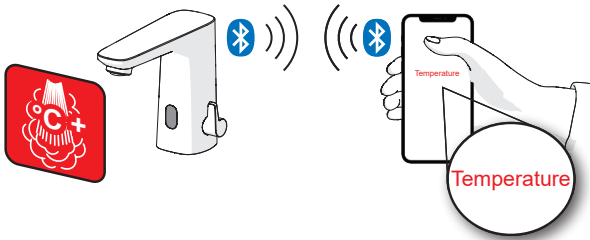


①





1



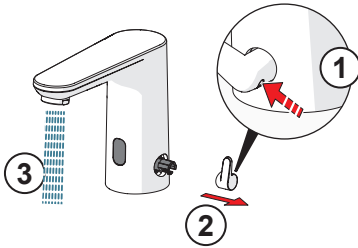
Oras App
 Download on the
 App Store
 GET IT ON
 Google Play
 apps.oras.com



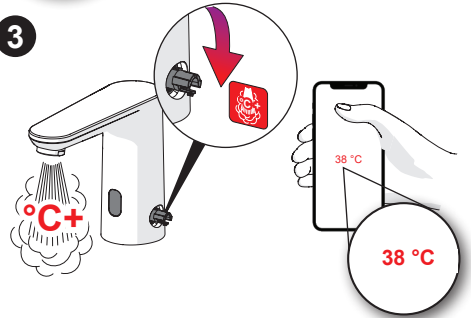
2



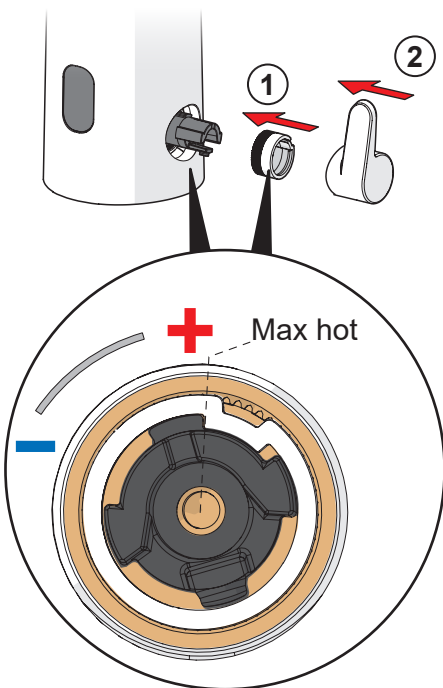
1



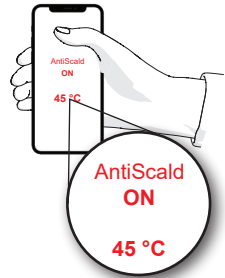
3



4



5



1

Temperature

Oras App
Download on the App Store
GET IT ON Google Play
apps.oras.com

2

8

3

3

38 °C

38 °C

4

5

30°

45°

Max hot

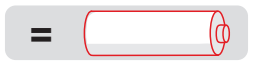
Max hot

AntiScald ON

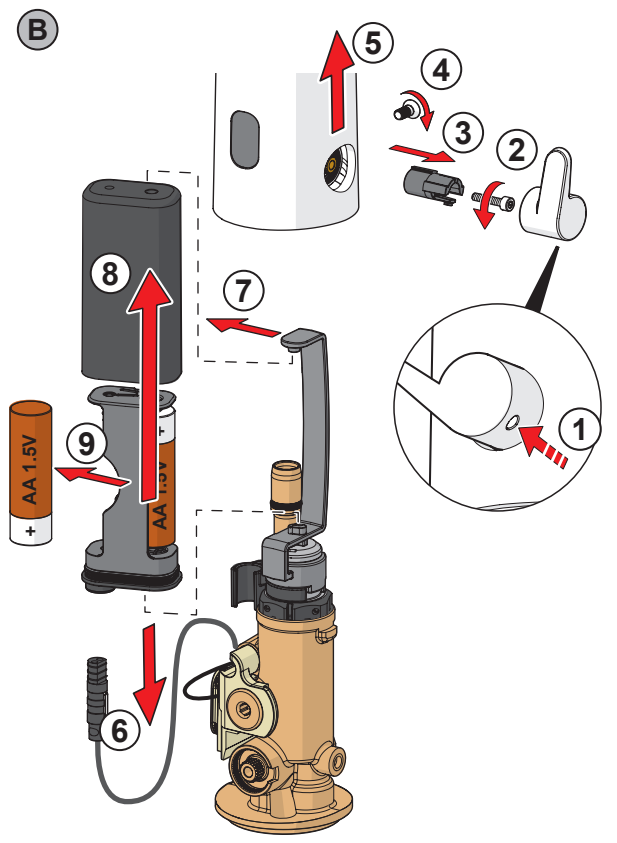
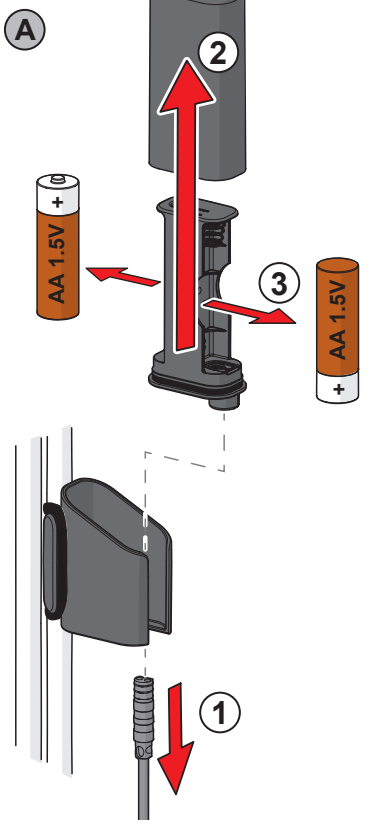
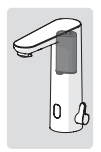
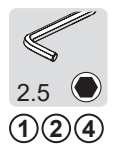
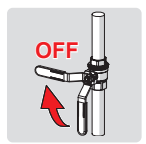
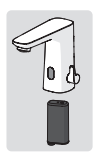
45 °C

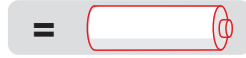
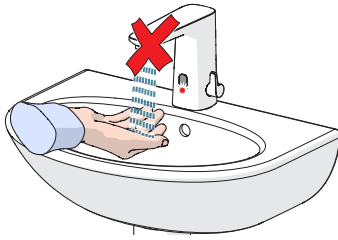
AntiScald ON

45 °C

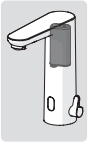
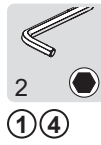
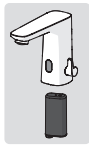


AA 1.5 V
Lithium x 2

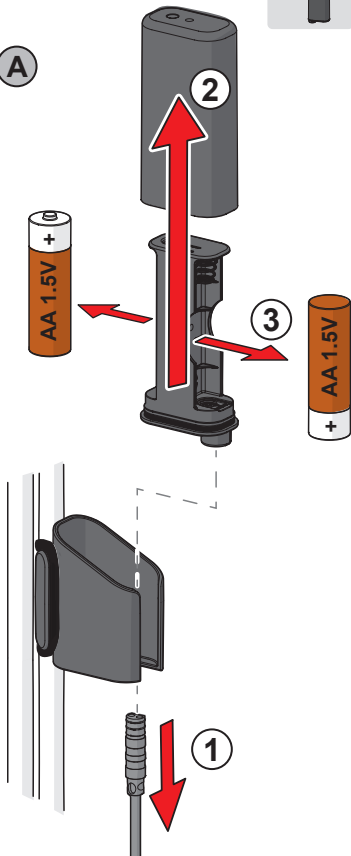




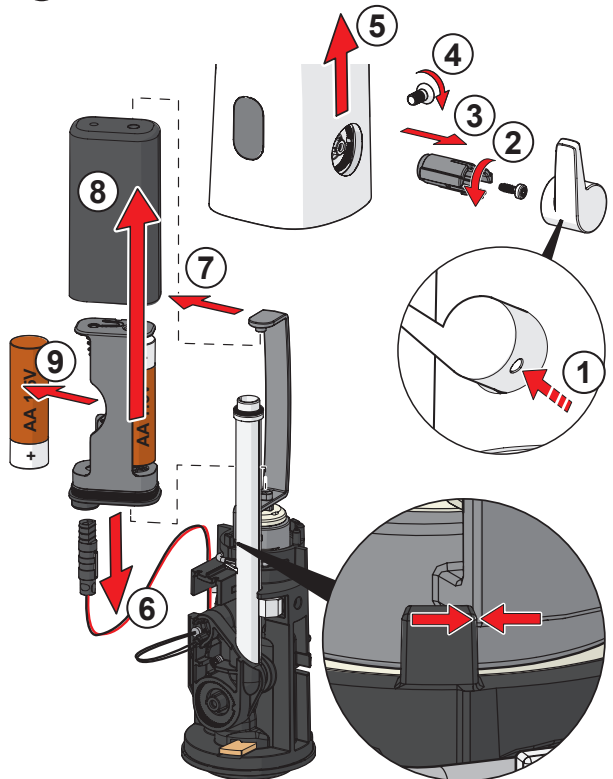
AA 1.5 V
Lithium x 2

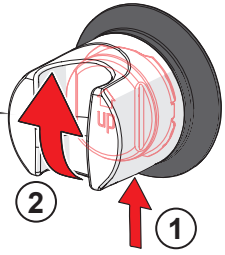
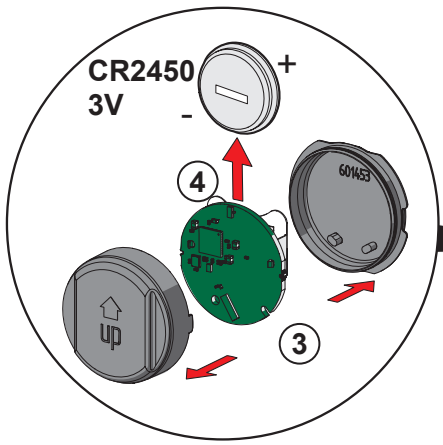
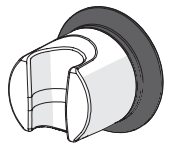
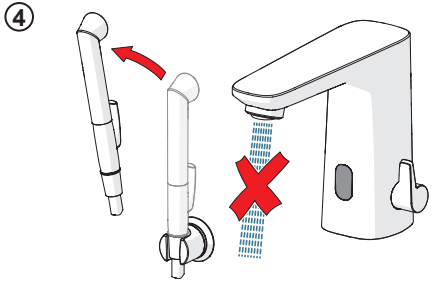


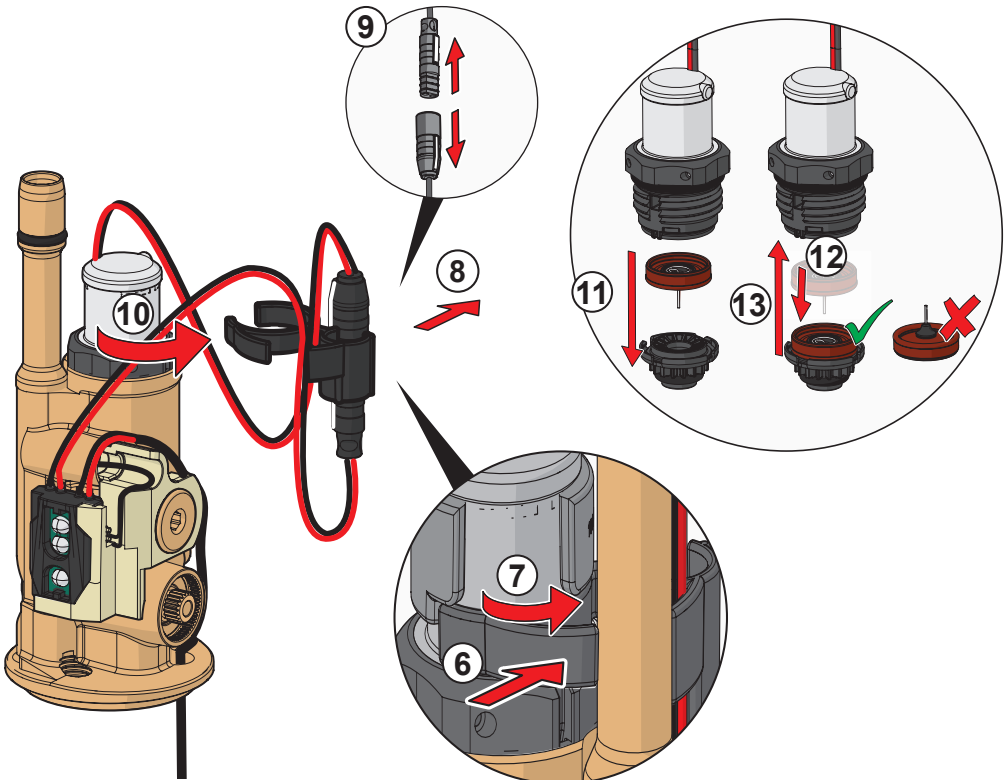
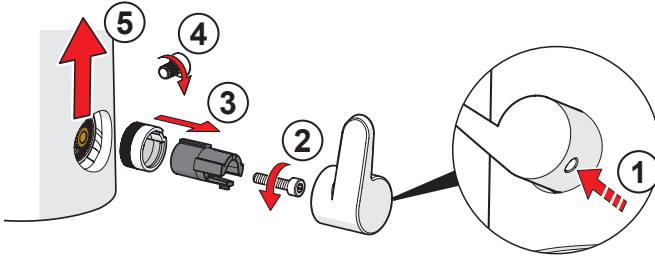
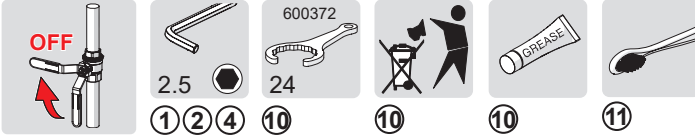
A

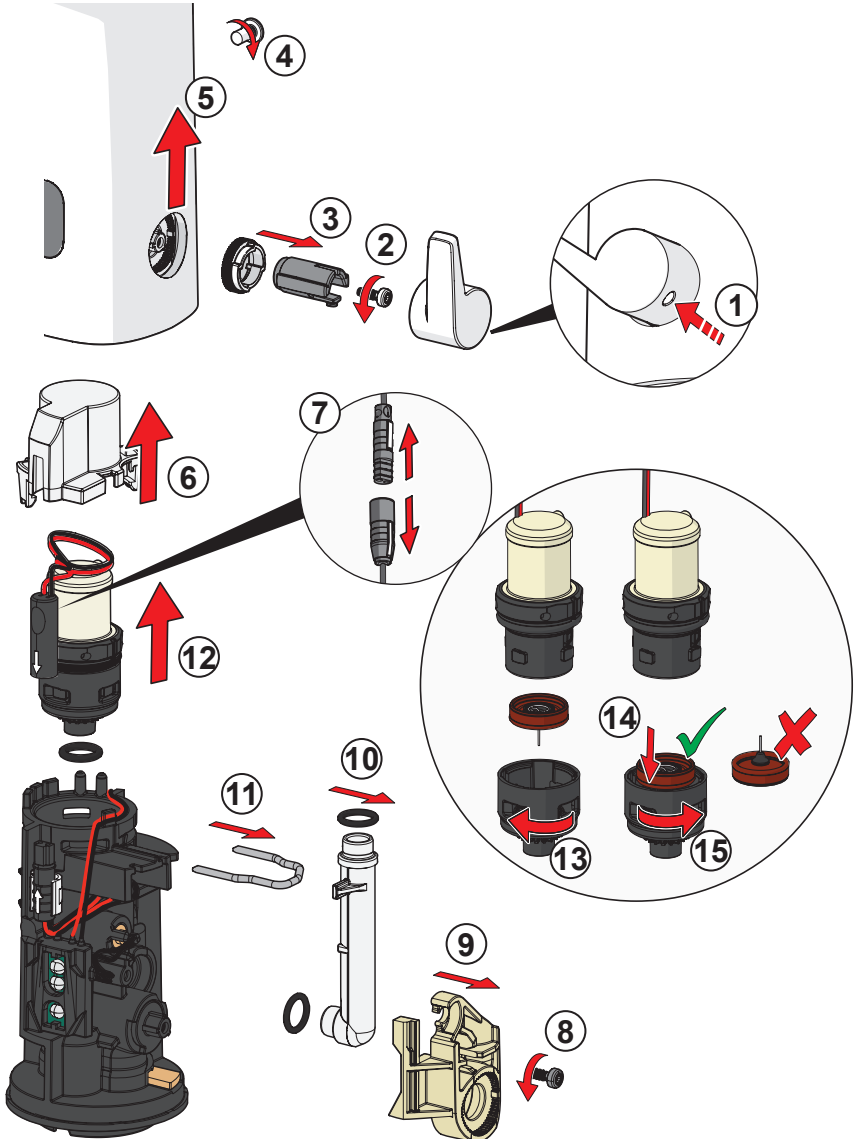
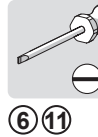
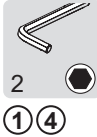
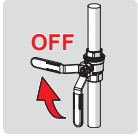
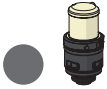


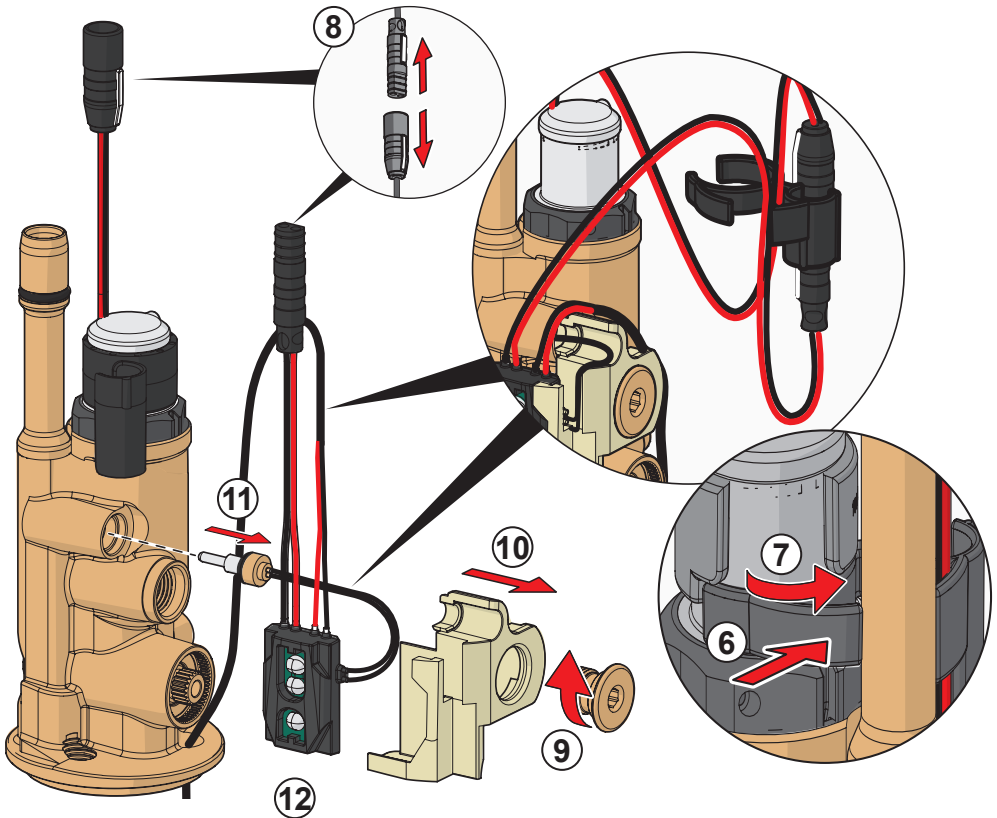
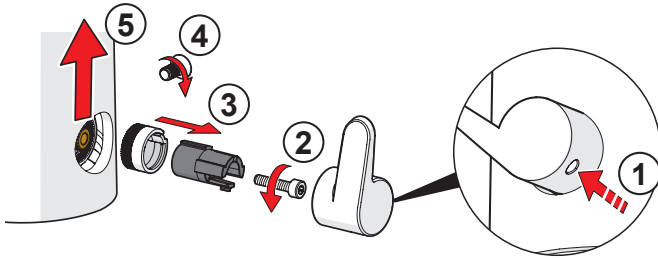
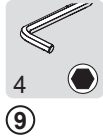
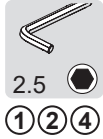
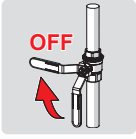
B

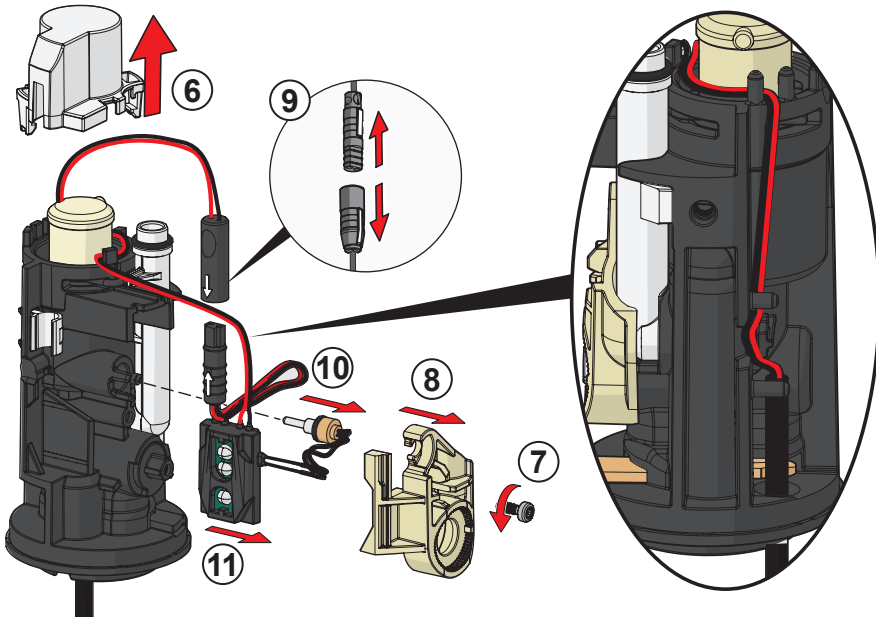
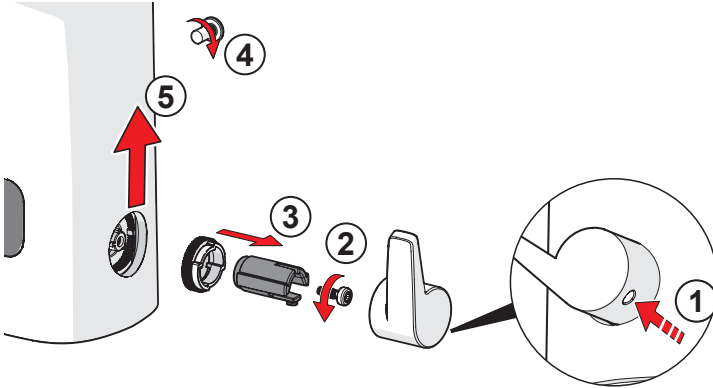
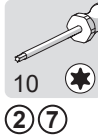
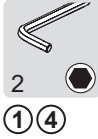
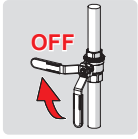
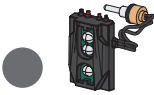


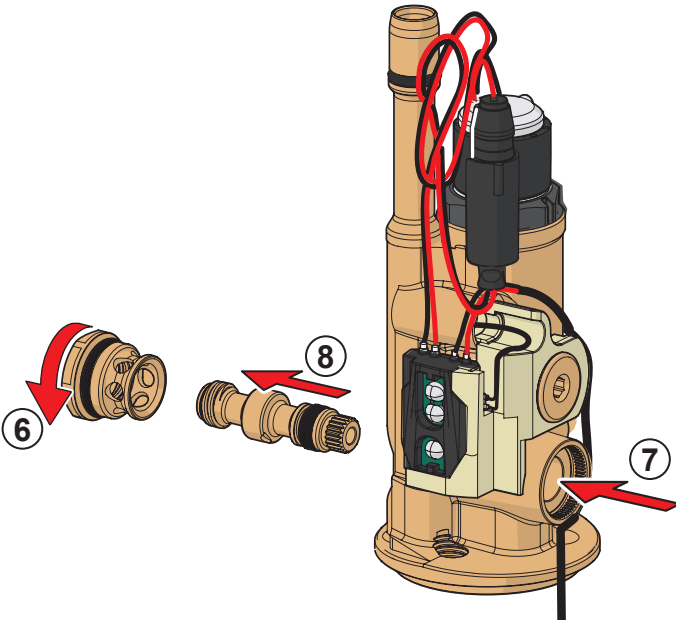
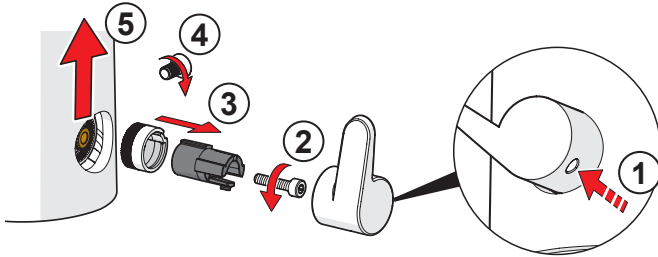
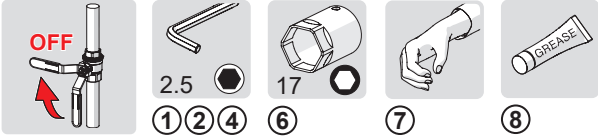
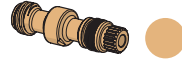


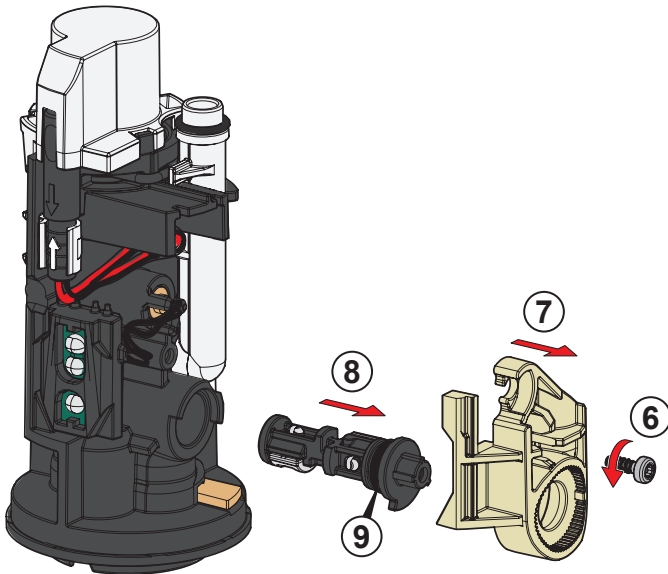
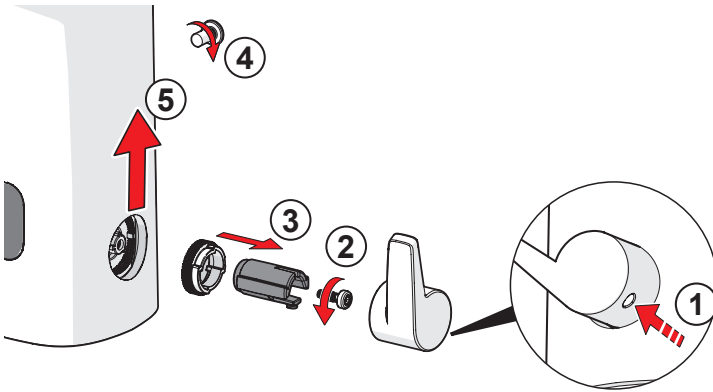
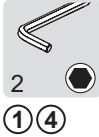
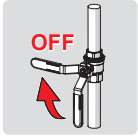










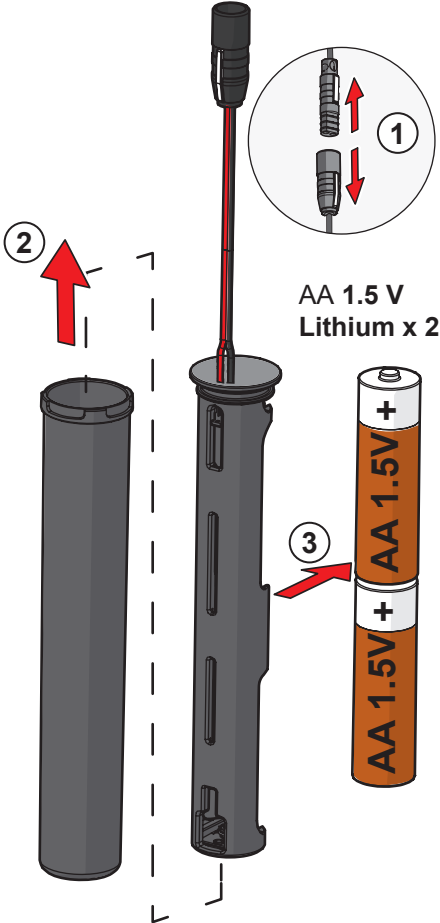




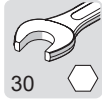
② ③



③



① ③



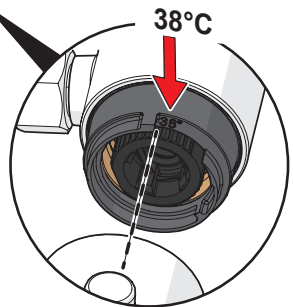
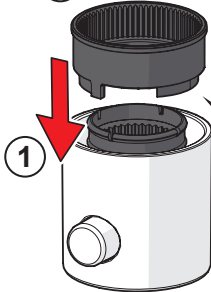
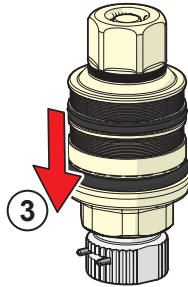
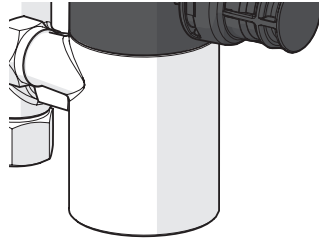
②

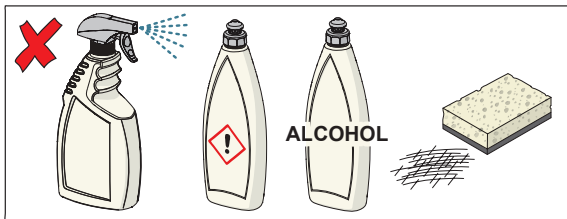
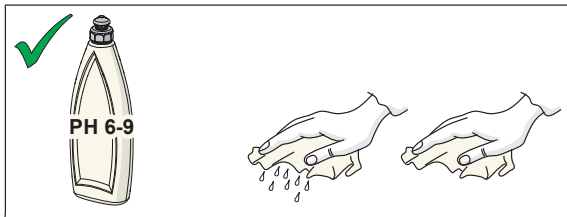
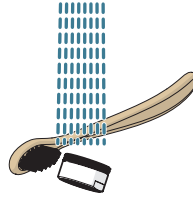
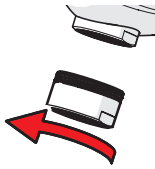


③



③





cleaning.oras.com

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.

ORAS Ltd
Isometsäntie 2, P.O. Box 40
FI-26101 Rauma
Tel. +358 2 83 161
Fax +358 2 831 6300
info.finland@oras.com
www.oras.com



943515-12-23