



Oras

Installation and maintenance guide



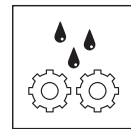
4-15



16-24



25



26-33



34



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.

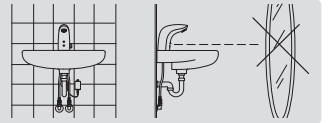
Google Play and the Google Play logo are trademarks of Google Inc.

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.



Lithium 2CR5 6 V
 I (ISO 3822)
 EN 15091
 100 - 1000 kPa

max. +70°C
 IP 55



6150FZ ❄️

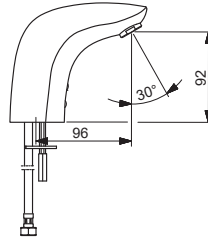
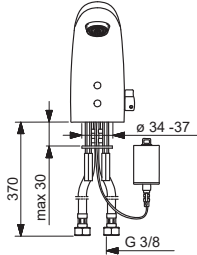
6150F

6150FZ-080 ❄️ 0.07 l/s / max. 8 s

6150FZ-102 ❄️ 0.028 l/s

6150FZ-104 ❄️ 0.056 l/s

6150FZ-105 ❄️ 0.07 l/s



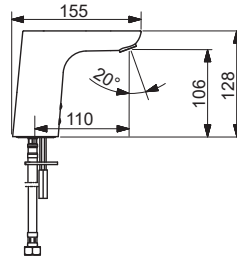
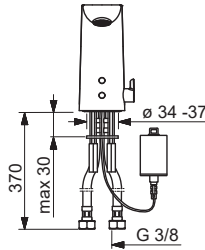
mpi.oras.com/6150FZ

6151FZ ❄️

6151FZ-33 ❄️

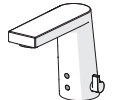
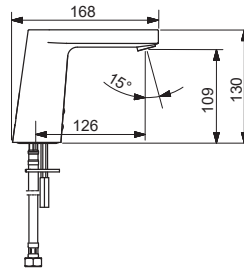
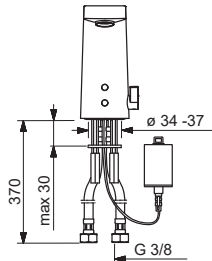
6151FZ-104 ❄️ 0.056 l/s

6151FZ-105 ❄️ 0.07 l/s



mpi.oras.com/6151FZ

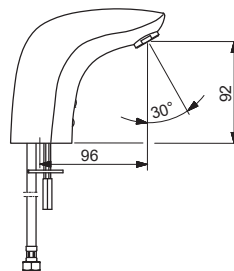
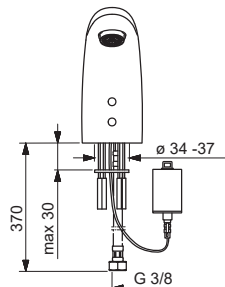
6155FZ ❄️



mpi.oras.com/6155FZ

6159FZ ❄️

0.09 l/s

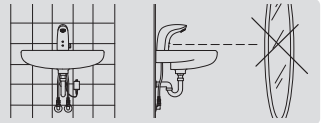


mpi.oras.com/6159FZ

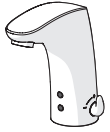
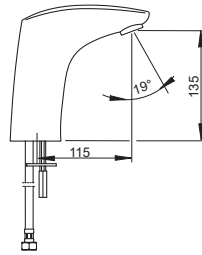
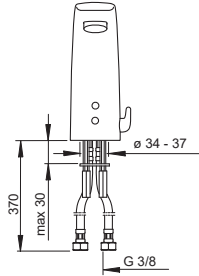


Lithium 2CR5 6 V
I (ISO 3822)
EN 15091
100 - 1000 kPa

max. +70°C
IP 55

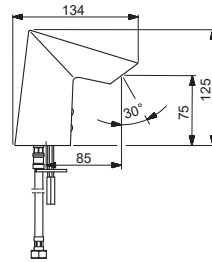
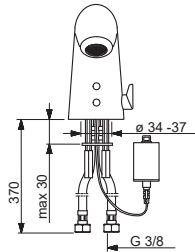


6250FZ



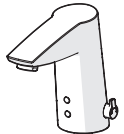
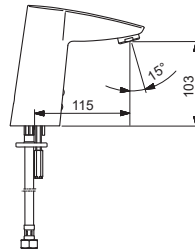
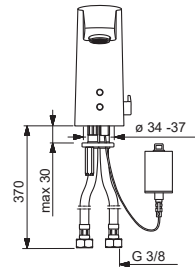
mpi.oras.com/6250FZ

1714FZ 0.08 l/s 1714F 1714FZ-102 0.028 l/s



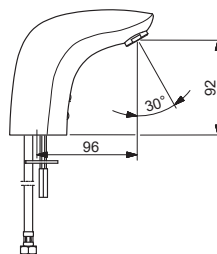
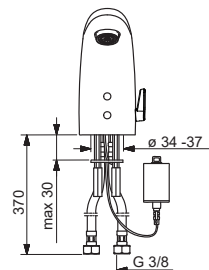
mpi.oras.com/1714FZ

2814FZ



mpi.oras.com/2814FZ

6153FZ

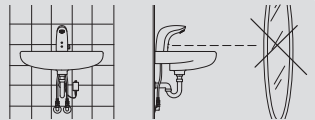


mpi.oras.com/6153FZ

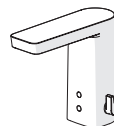
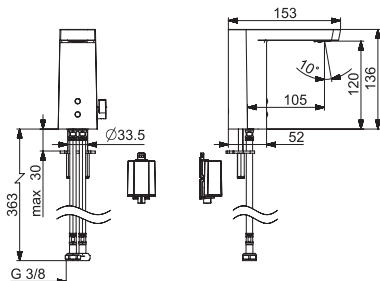


Lithium 2CR5 6 V
 I (ISO 3822)
 EN 15091
 100 - 1000 kPa

max. +70°C
 IP 55

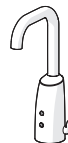
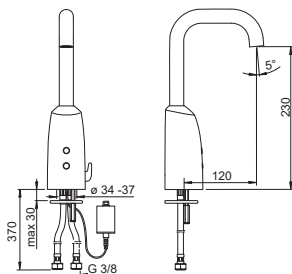


4814FZ



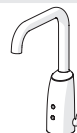
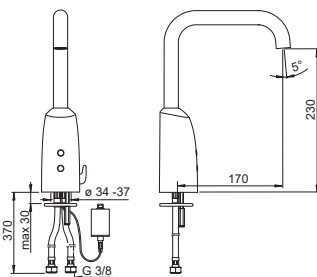
mpi.oras.com/4814FZ

6330FZ



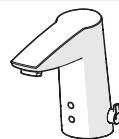
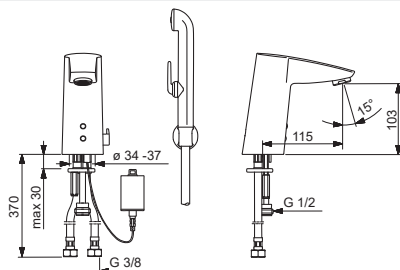
mpi.oras.com/6330FZ

6331FZ



mpi.oras.com/6331FZ

2816FZ

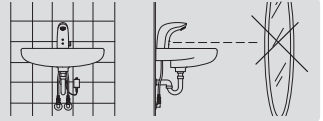


mpi.oras.com/2816FZ

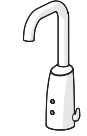
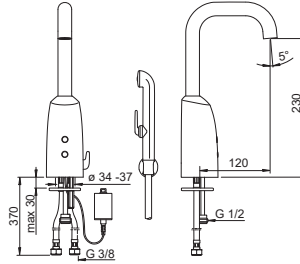


Lithium 2CR5 6 V
 I (ISO 3822)
 EN 15091
 100 - 1000 kPa

max. +70°C
 IP 55

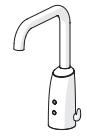
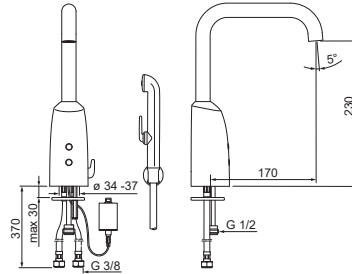


6332FZ



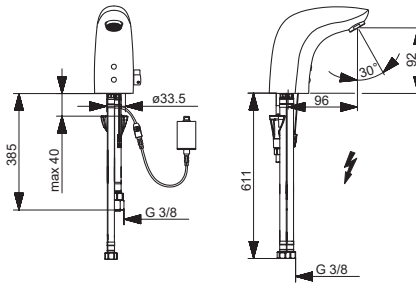
mpi.oras.com/6332FZ

6333FZ



mpi.oras.com/6333FZ

6152FZ 100 - 500 kPa

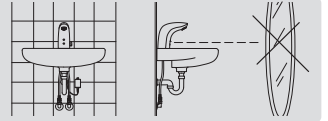


mpi.oras.com/6152FZ

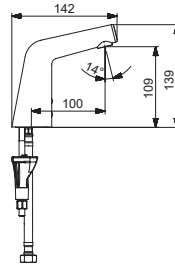
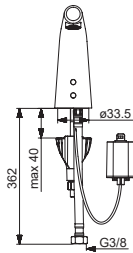


Lithium 2CR5 6 V
I (ISO 3822)
EN 15091
100 - 1000 kPa

max. +70°C
IP 55

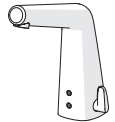
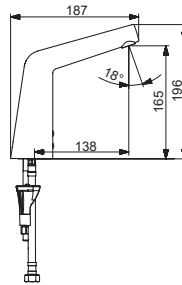
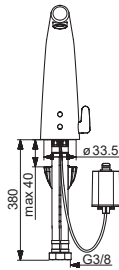


3014F



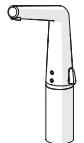
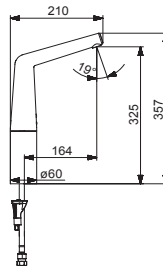
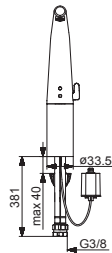
mpi.oras.com/3014F

3016F



mpi.oras.com/3016F

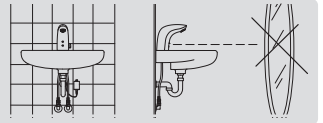
3017F



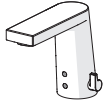
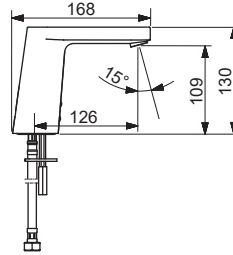
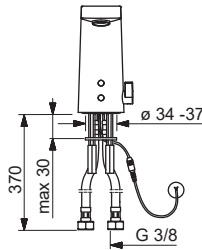
mpi.oras.com/3017F

9 / 12 V
I (ISO 3822)
EN 15091
100 - 1000 kPa

max. +70°C
IP 55

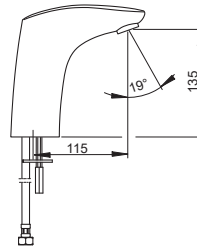
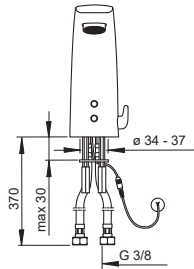


6125FZ



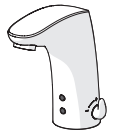
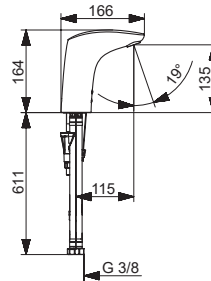
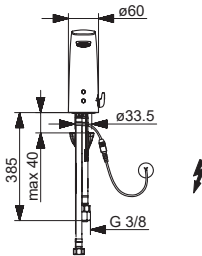
mpi.oras.com/6125FZ

6222FZ



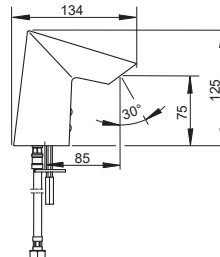
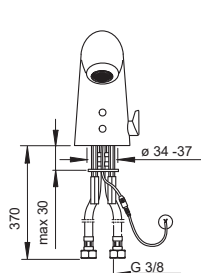
mpi.oras.com/6222FZ

6221FZ 100 - 500 kPa



mpi.oras.com/6221FZ

1724FZ

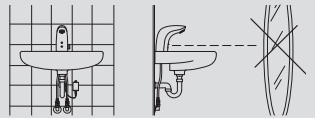


mpi.oras.com/1724FZ



9 / 12 V
I (ISO 3822)
EN 15091
100 - 1000 kPa

max. +70°C
IP 55

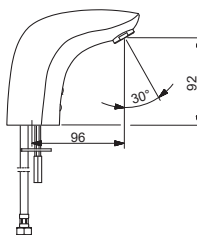
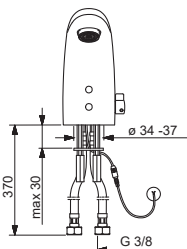


6120FZ

6120FZ-080 0.07 l/s max. 8 s

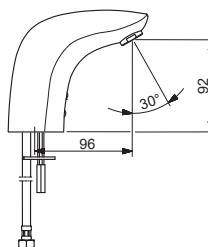
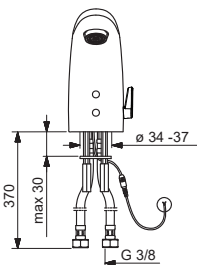
6120FZ-102 0.028 l/s

6120FZ-104 0.056 l/s



mpi.oras.com/6120FZ

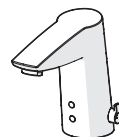
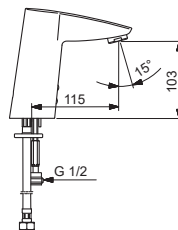
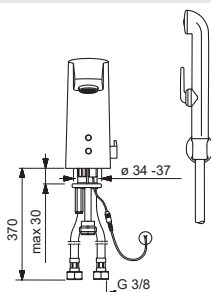
6123FZ



mpi.oras.com/6123FZ

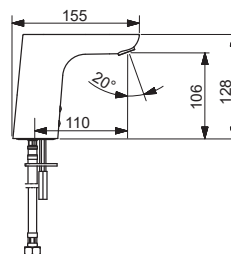
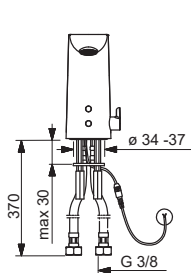
2826FZ

2816FZ



mpi.oras.com/2826FZ

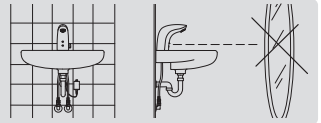
6121FZ



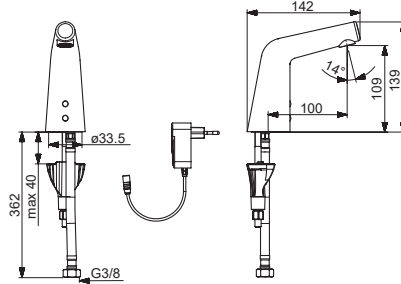
mpi.oras.com/6121FZ

9 / 12 V
 I (ISO 3822)
 EN 15091
 100 - 1000 kPa

max. +70°C
 IP 55

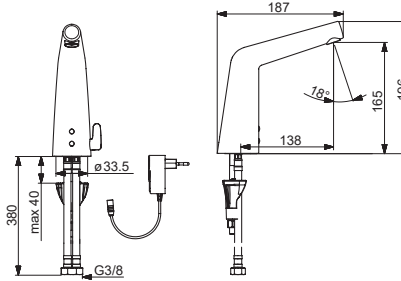


3014FT



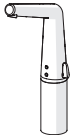
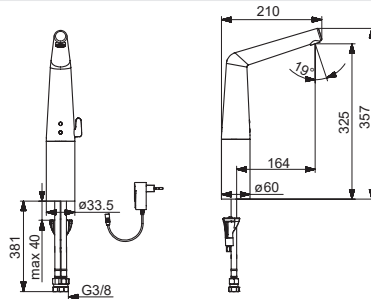
mpi.oras.com/3014FT

3016FT



mpi.oras.com/3016FT

3017FT

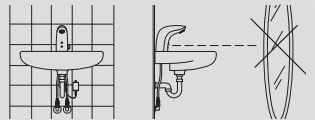


mpi.oras.com/3017FT



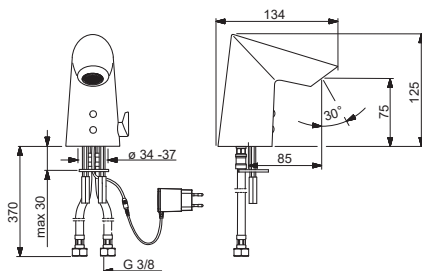
230 / 9 V
 I (ISO 3822)
 EN 15091
 100 - 1000 kPa

max. +70°C
 IP 55 / transformer IP 20



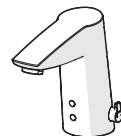
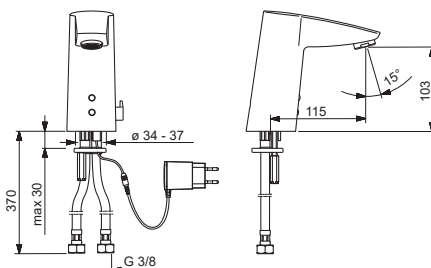
1724FTZ ❄️

0.08 l/s



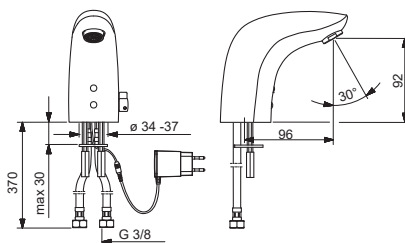
mpi.oras.com/1724FTZ

2824FTZ ❄️



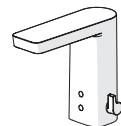
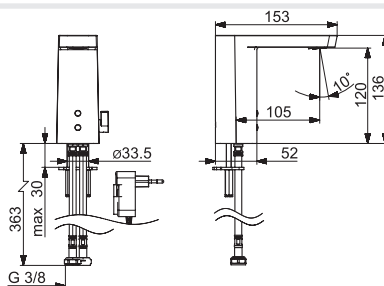
mpi.oras.com/2824FTZ

6120FTZ ❄️



mpi.oras.com/6120FTZ

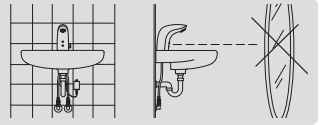
4824FTZ ❄️



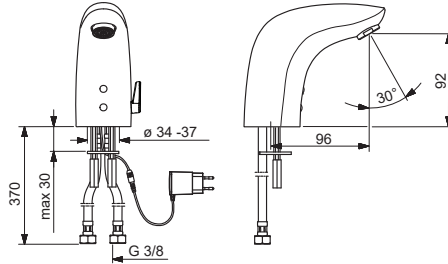
mpi.oras.com/4824FTZ

230 / 9 V
 I (ISO 3822)
 EN 15091
 100 - 1000 kPa

max. +70°C
 IP 55 / transformer IP 20

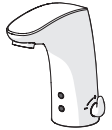
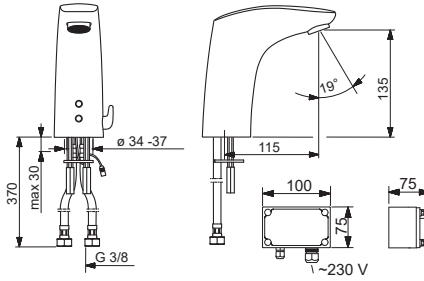


6123FTZ



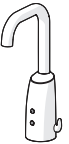
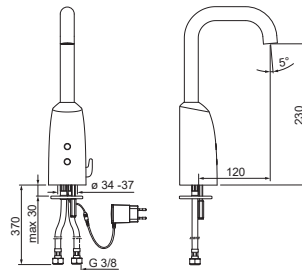
mpi.oras.com/6123FTZ

6223FTZ



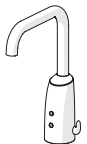
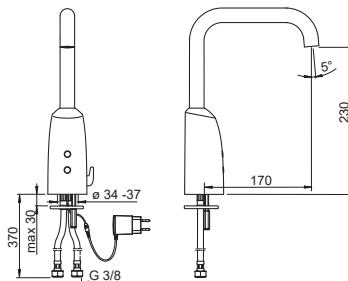
mpi.oras.com/6223FTZ

6334FTZ



mpi.oras.com/6334FTZ

6335FTZ

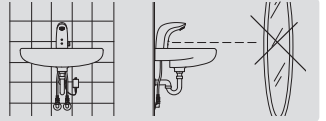


mpi.oras.com/6335FTZ

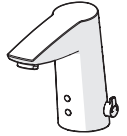
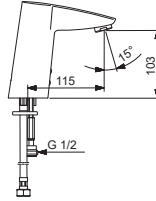
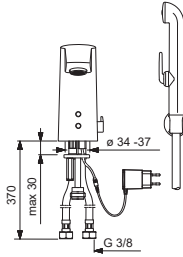


230 / 9 V
I (ISO 3822)
EN 15091
100 - 1000 kPa

max. +70°C
IP 55 / transformer IP 20



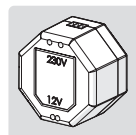
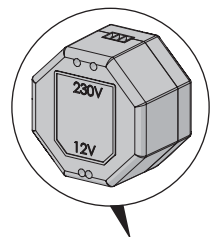
2826FTZ



mpi.oras.com/2826FTZ

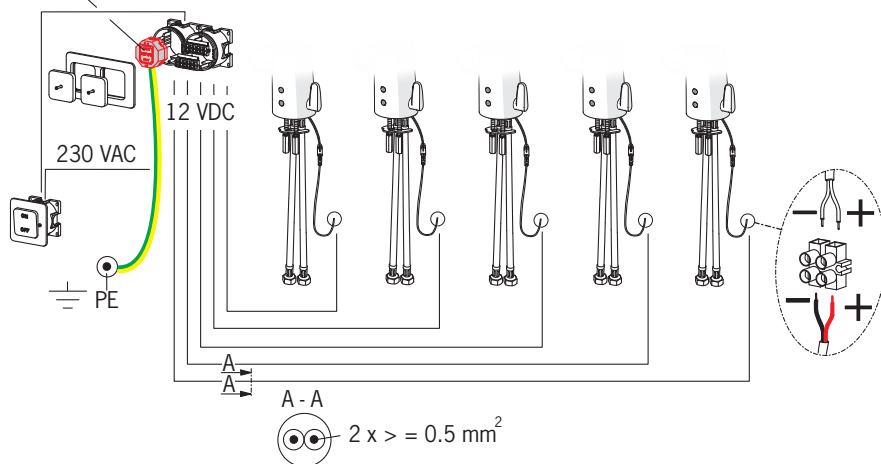
- GB** Power supply requirement: Power supply output must be short circuit protected
- CZ** Požadavky týkající se napájecího zdroje: Výstup napájecího zdroje musí být chráněn proti zkratu
- DE** Stromversorgungs voraussetzungen: Stromversorgungsspannung muss kurzschlussgeschützt sein.
- DK** Krav til strømforsyning: Strømforsyningsudgang skal være kortslutningsbeskyttet
- EE** Nõuded vooluallikale: Vooluallika väljund peab olema kaitstud lühise eest
- ES** Requisitos del suministro eléctrico: el suministro eléctrico debe estar protegido contra cortocircuitos
- FI** Vaatimukset virtälähteelle: Virtälähteen ulostulon tulee olla oikosulkusuojattu
- FR** Unité d'alimentation électrique: La sortie de l'unité d'alimentation oit être protégée contre le court-circuit
- IT** Requisiti dell'alimentazione: L'uscita deve essere protetta da cortocircuiti
- LT** Reikalavimai maitinimo šaltiniui: turi būti apsauga nuo trumpo jungimo
- LV** Prasības attiecībā uz barošanas ierīci: ierīces izvadām jābūt aizsargātām pret īsslēgumiem
- NL** Vereisten voor de voeding: De uitgang van de voeding moet beschermd zijn tegen kortsluitingen
- NO** Krav til strømforsyning: Strømforsyningspenning må være kortslutningssikret
- PL** Wymagania w stosunku do zasilacza: Zasilacz musi być wyposażony w zabezpieczenie przeciwzwarciowe
- RO** Pentru alimentarea cu putere: borna de putere trebuie să fie protejată la scurtcircuit
- RU** Требования к источнику тока: Выход источника тока защищен от короткого замыкания
- SE** Krav på matningsdön: Utspänningen skall vara kortslutningssäker
- SK** Požiadavka na napájanie: Výstup napájania musí byť chránený voči skratu.
- UA** Вимоги до джерела струму: Вихід джерела струму захищений від короткого замикання.
- PT** Requisitos de alimentação eléctrica: a alimentação eléctrica deve estar protegida contra curto-circuito.
- GR** Προϋποθέσεις για αδιάλειπτη παροχή ρεύματος: Τάση εξόδου ασφαλισμένη έναντι βραχυκυκλώματος
- SI** Zahteva za napajanje: Izhod za napajanje mora biti zaščiten s kratkim stikom
- HU** Áramellátás: A tápegység kimeneténél fontos az érintésvédelmet biztosítani.

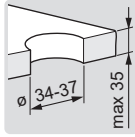
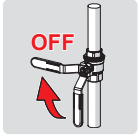
Oras 199275



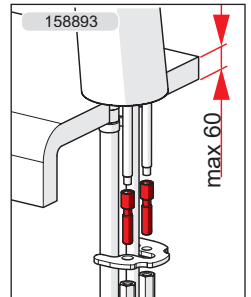
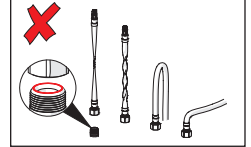
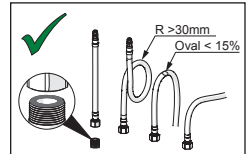
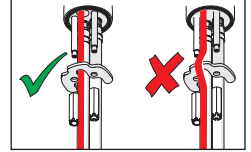
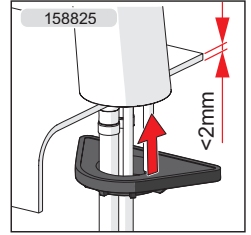
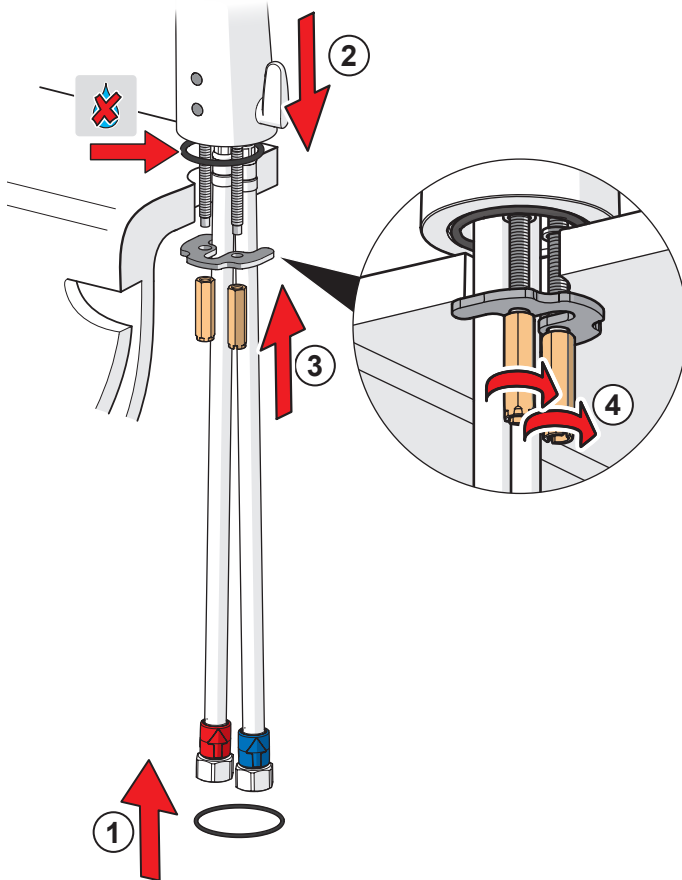
Oras 199275

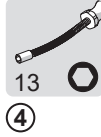
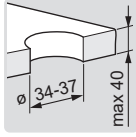
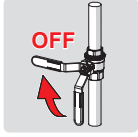
1.....5



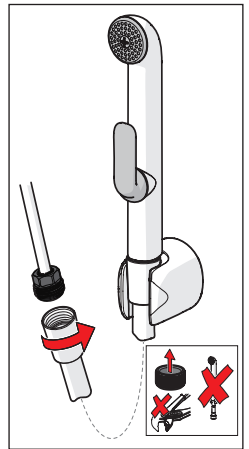
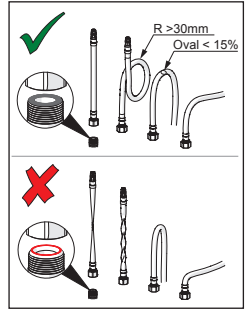
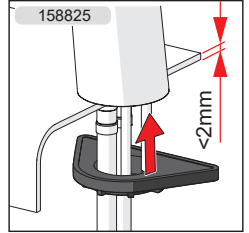
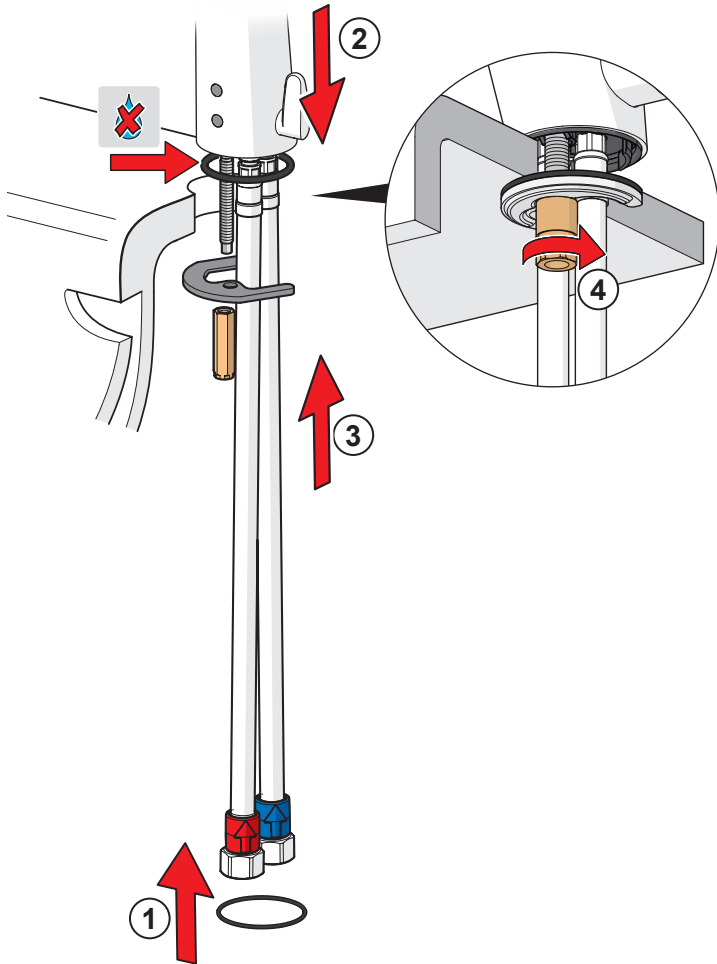


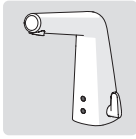
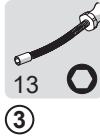
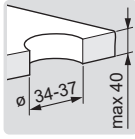
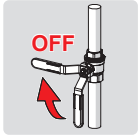
1 A



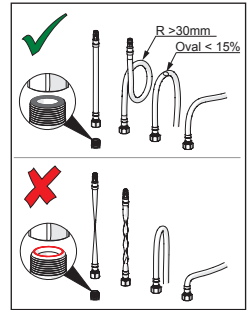
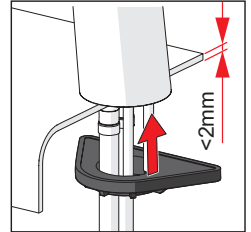
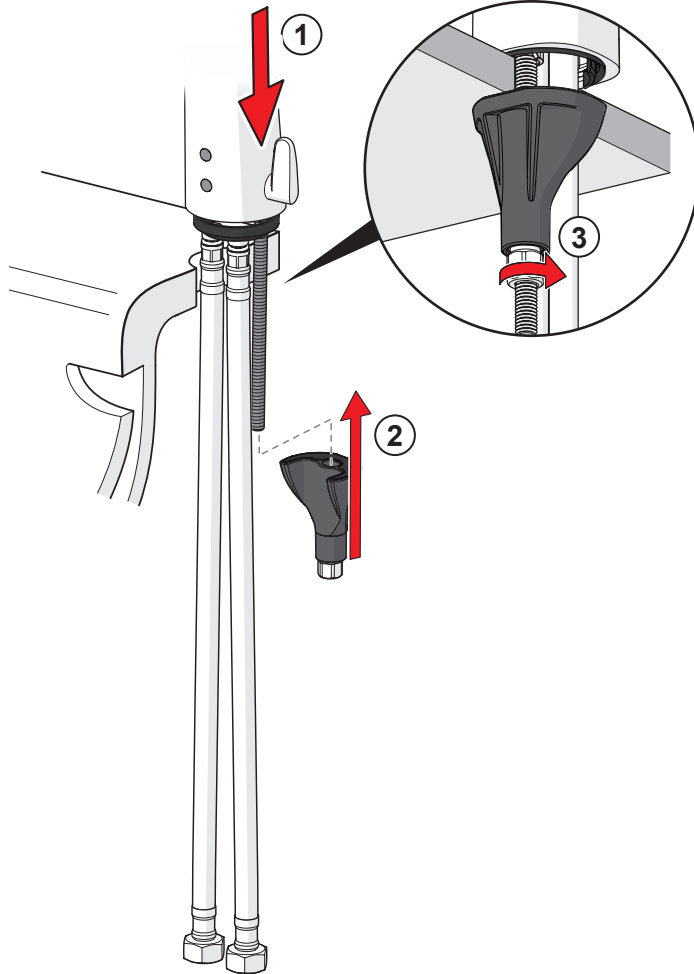


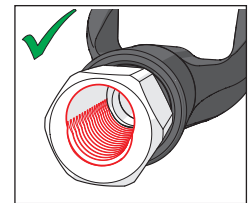
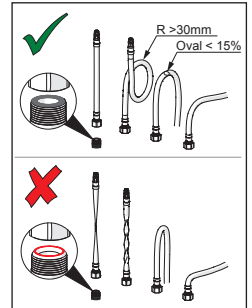
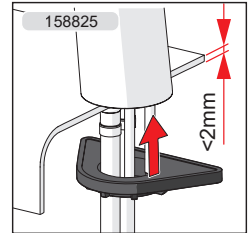
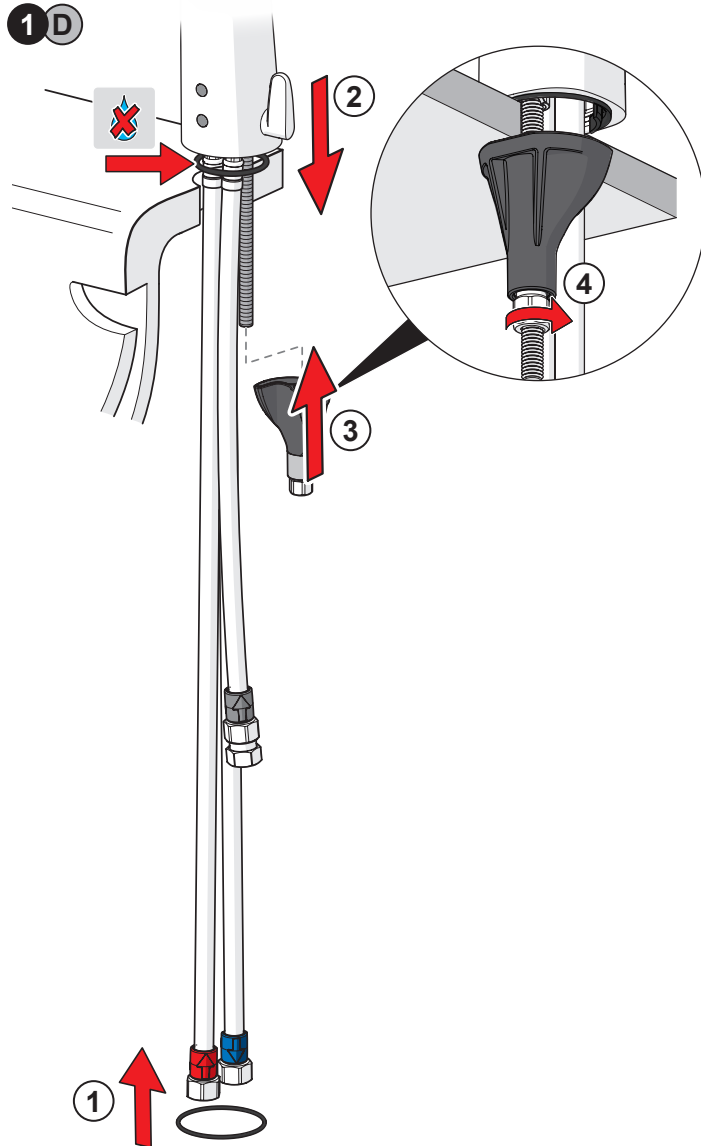
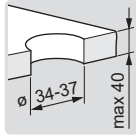
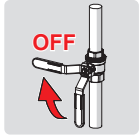
1 B





1 C



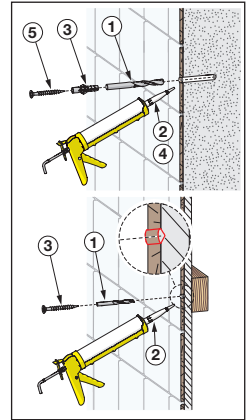
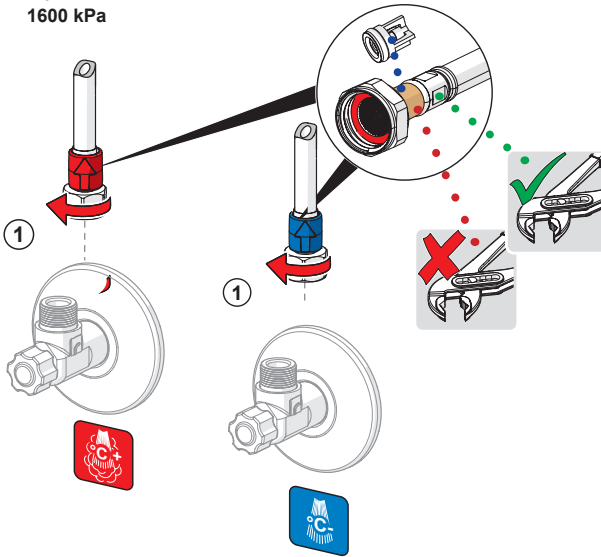




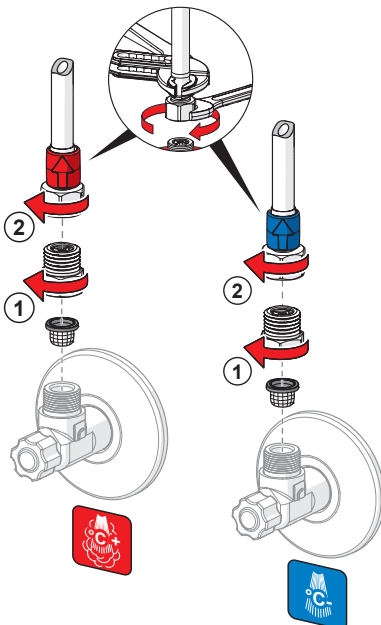
1 2

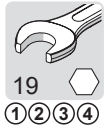
max.
1600 kPa

2 A



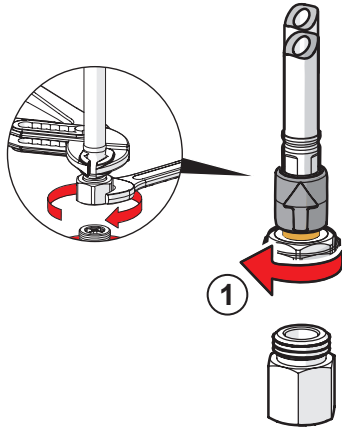
2 B



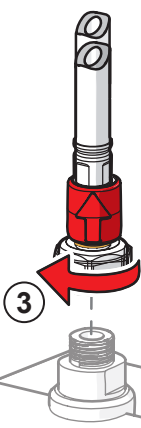


max.
1600 kPa

2 C



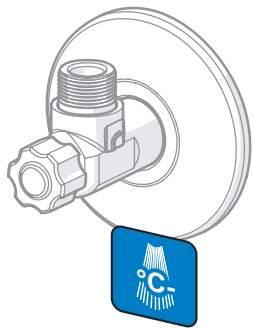
1



3

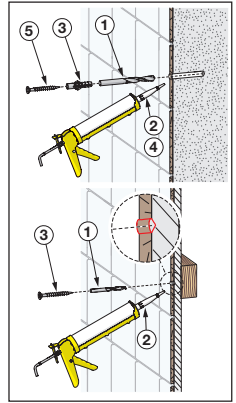
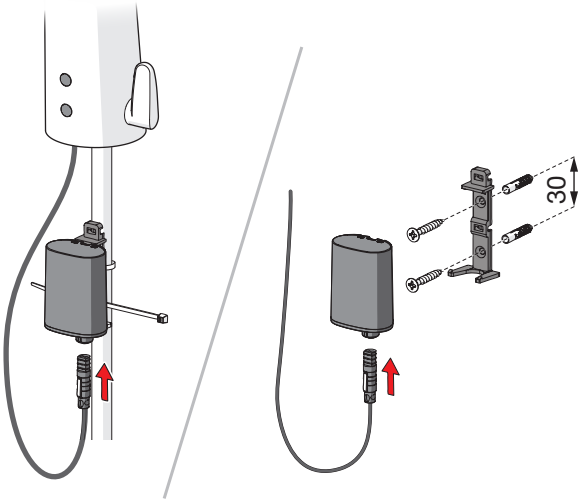


2

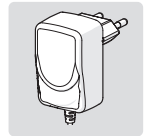
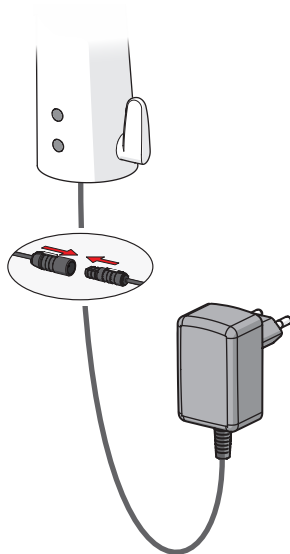




3 A

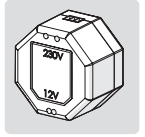


3 B

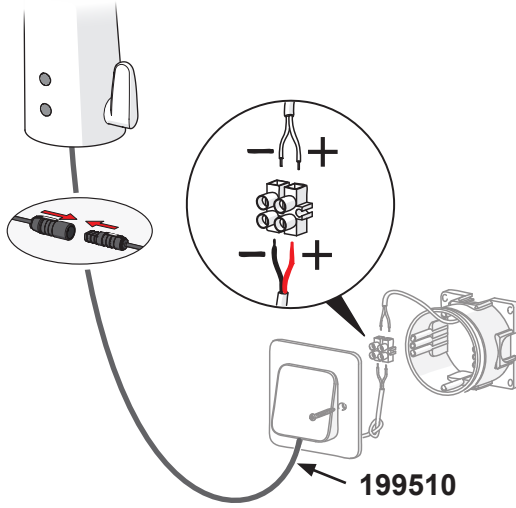


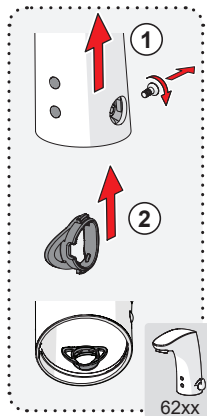
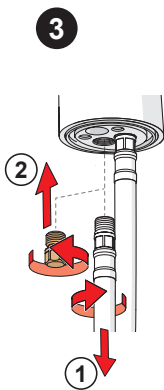
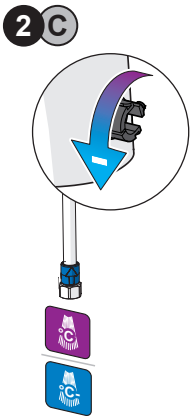
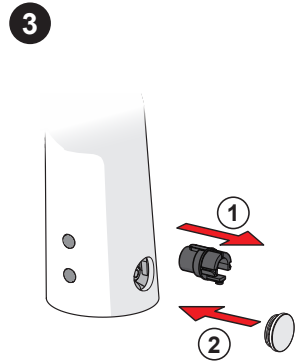
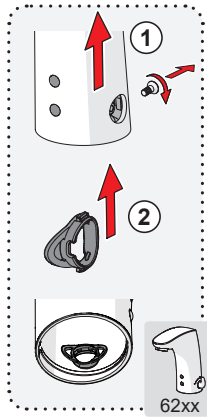
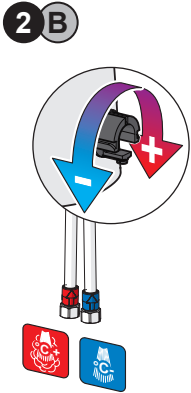
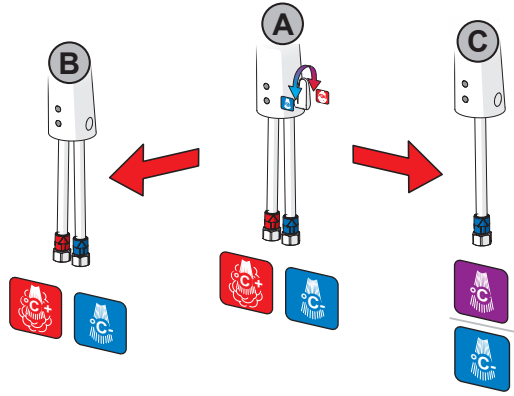
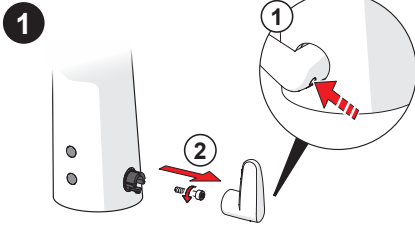
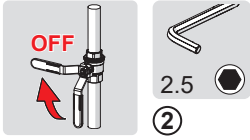
199550

3 C



199275





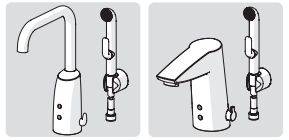
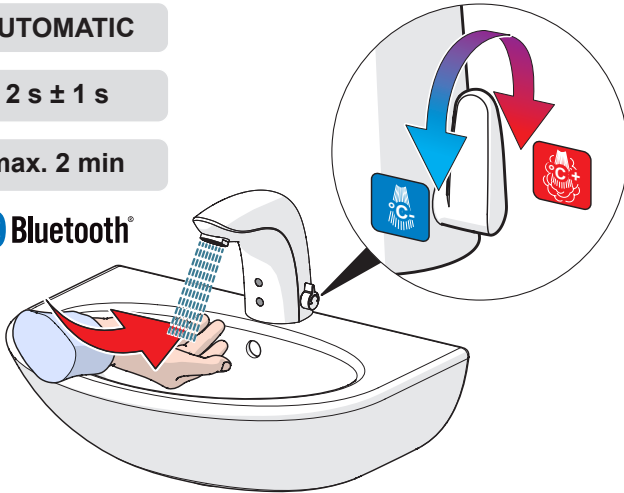


AUTOMATIC

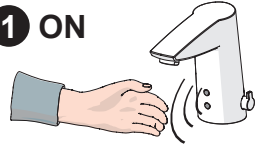
2 s ± 1 s

max. 2 min

Bluetooth®



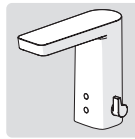
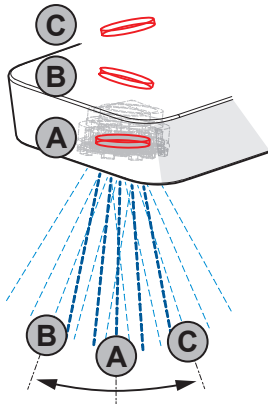
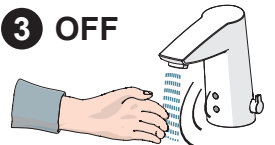
1 ON



2



3 OFF

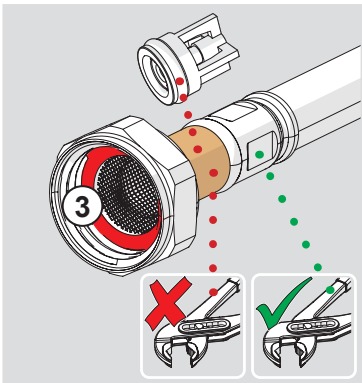
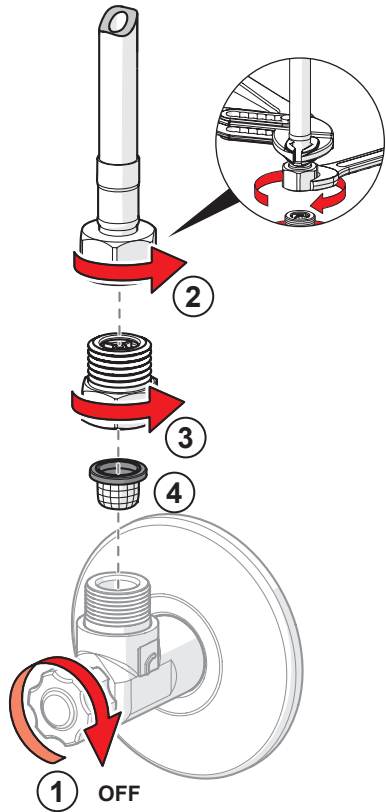
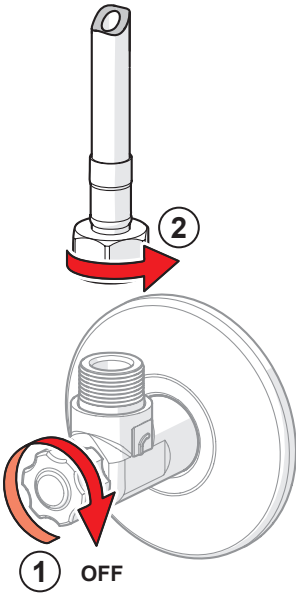
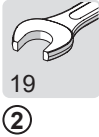
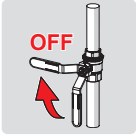


Oras App



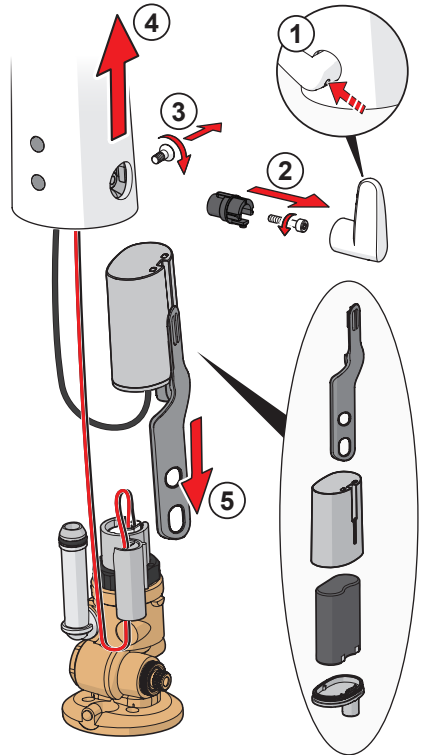
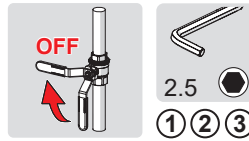
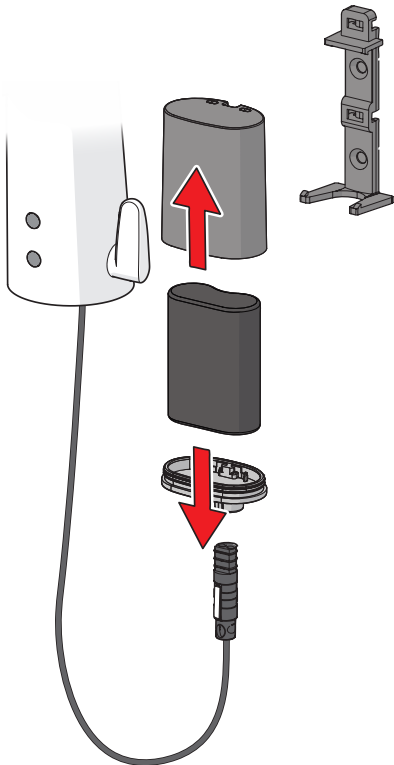
apps.oras.com







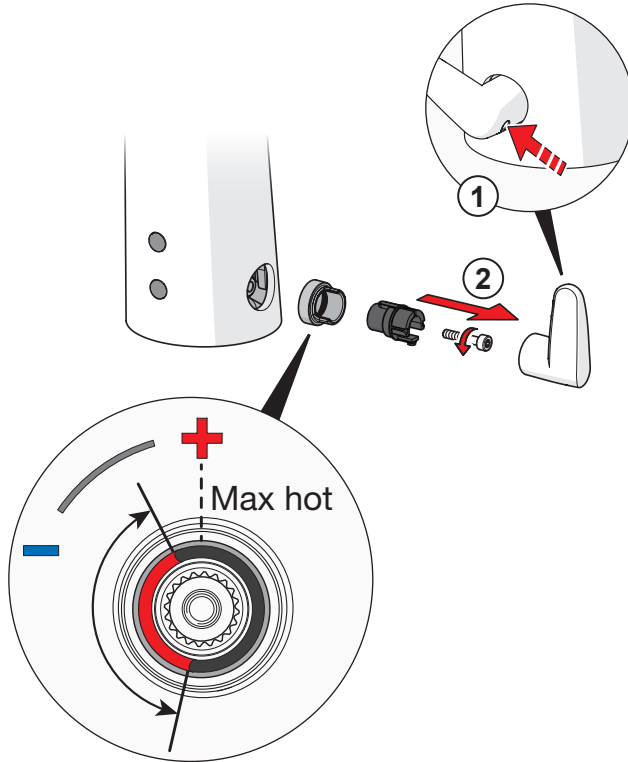
Lithium 2CR5 6V

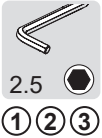
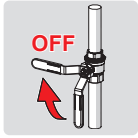




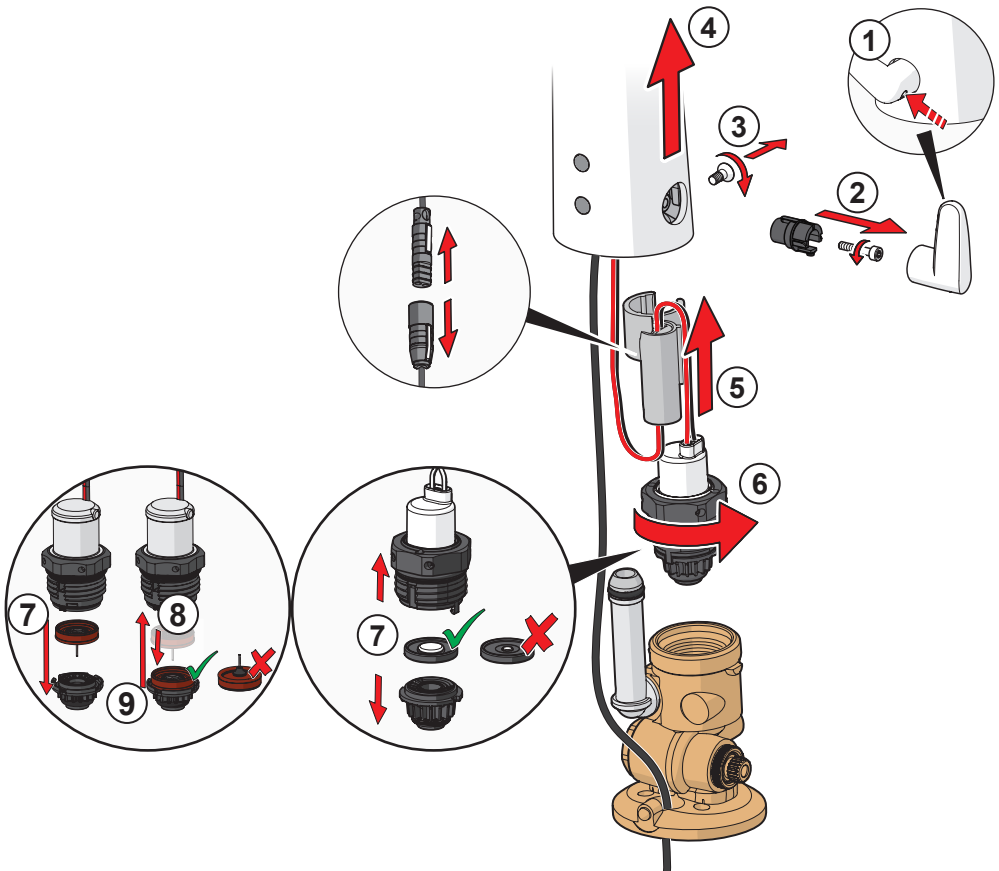
2.5

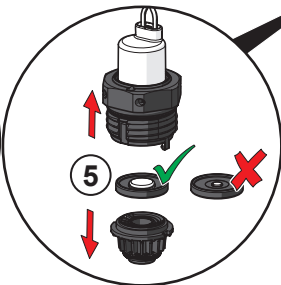
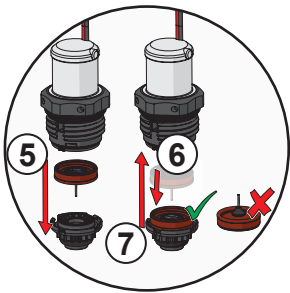
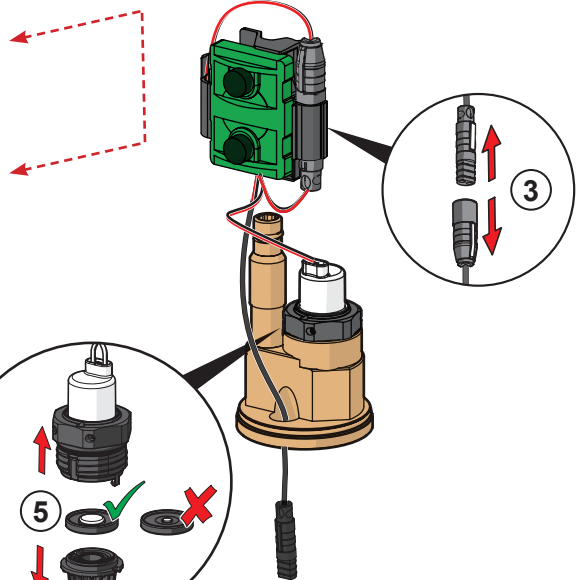
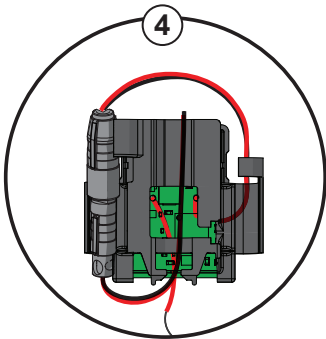
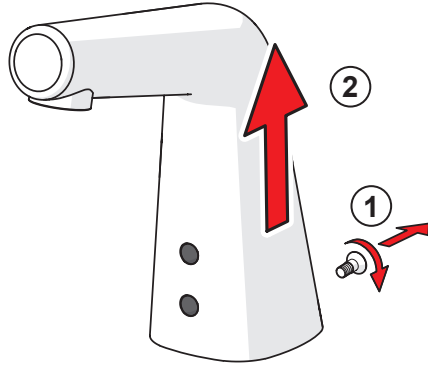
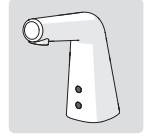
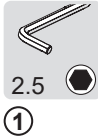
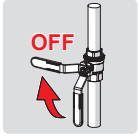
① ②

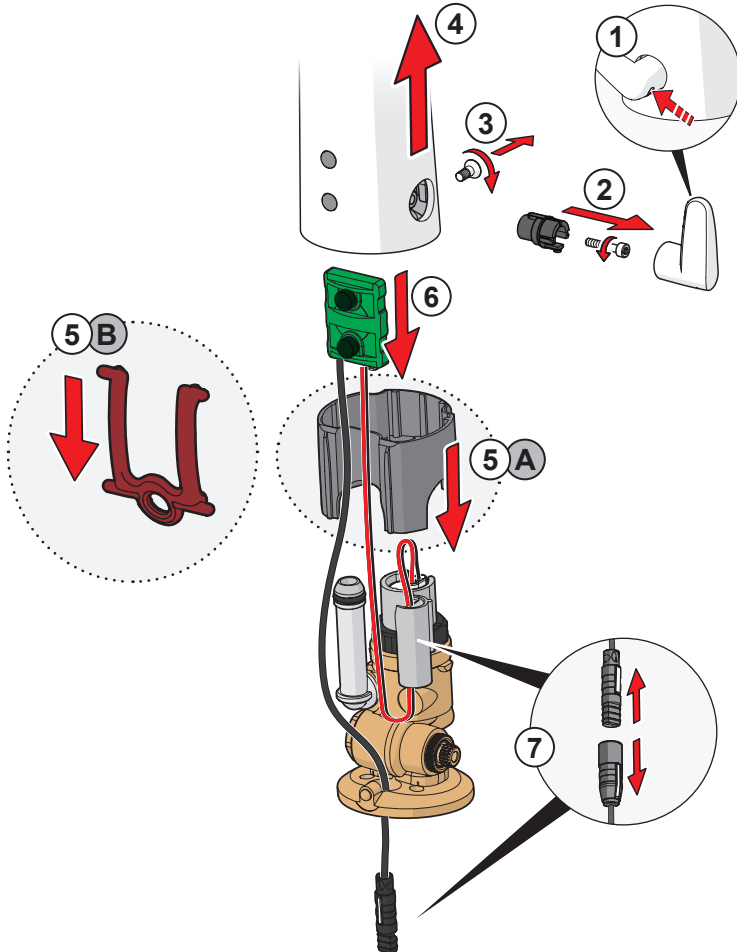
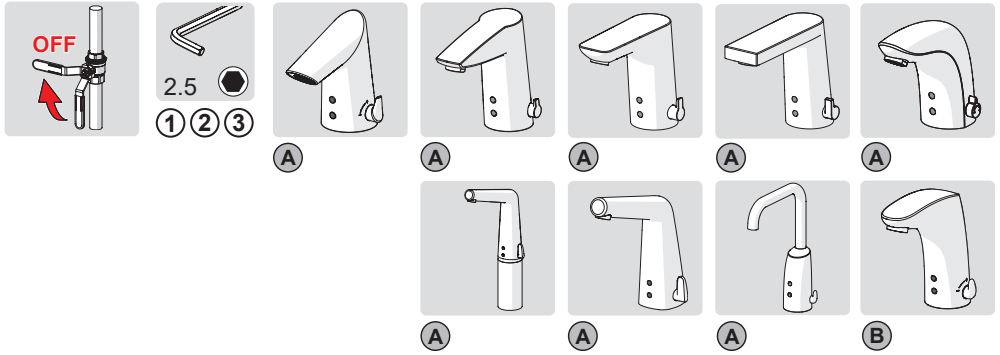


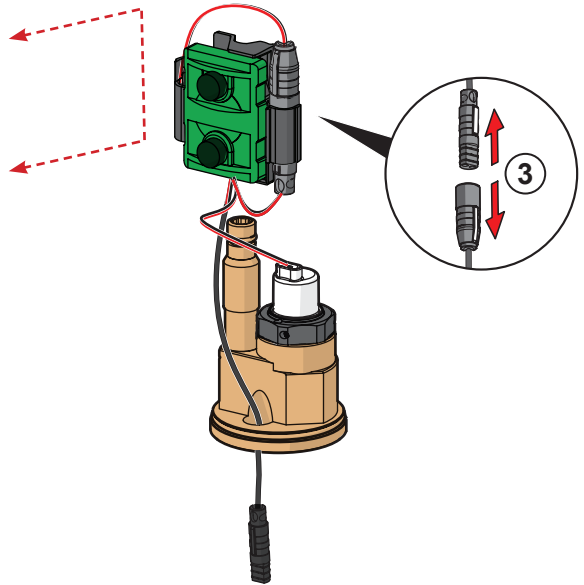
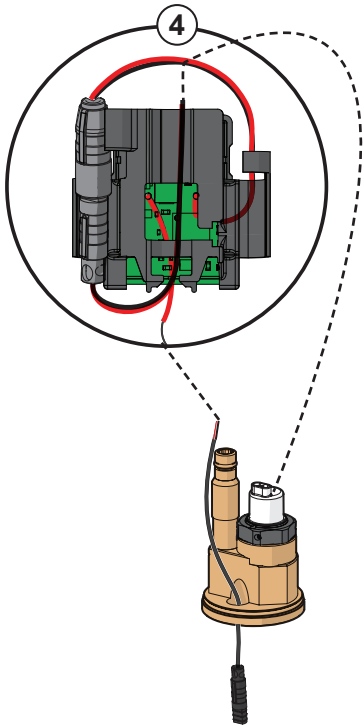
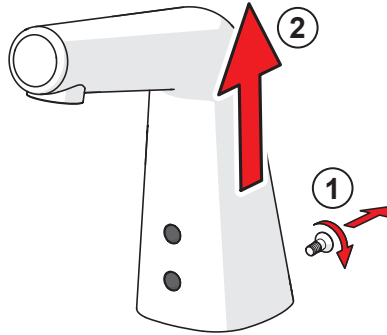
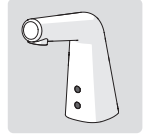
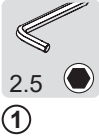
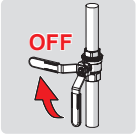


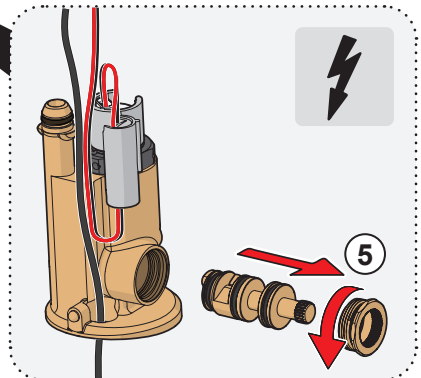
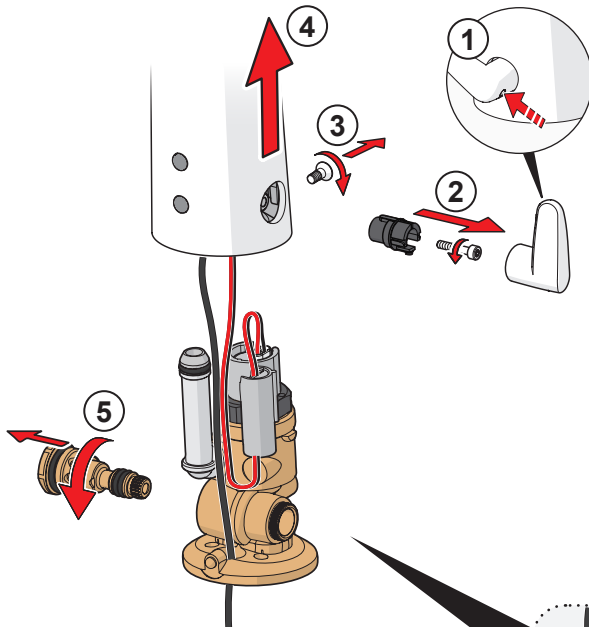
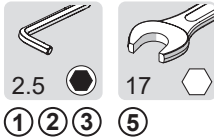
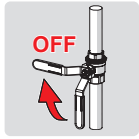
600372





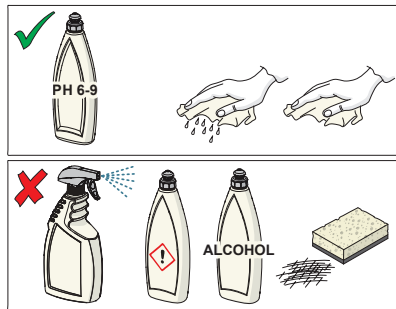
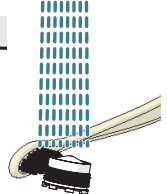
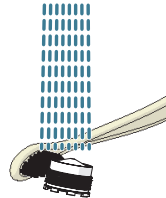
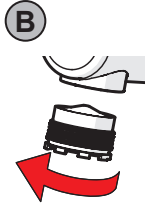
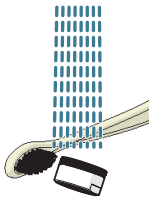
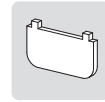
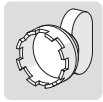
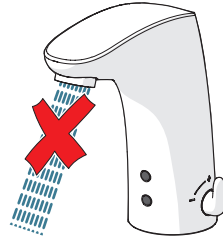
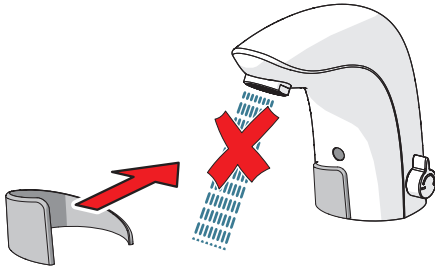








Bluetooth®



cleaning.oras.com

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.

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



943421-08-23