



# Oras

Installation and maintenance guide

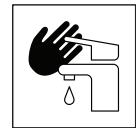




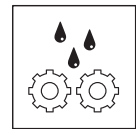
4-15



16-24



25



26-33



34



Oras App



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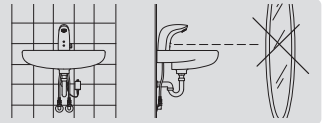
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**Lithium 2CR5 6 V**  
 I (ISO 3822)  
 EN 15091  
 100 - 1000 kPa

max. +70°C  
 IP 55



**6150FZ** ❄️

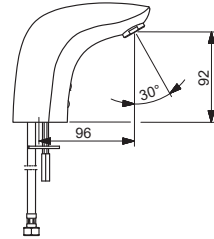
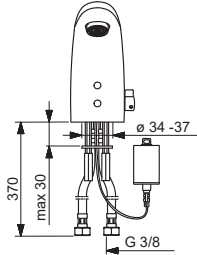
**6150F**

**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



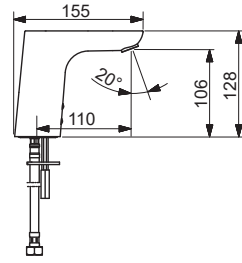
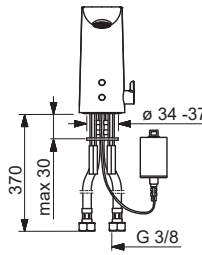
[mpi.oras.com/6150FZ](https://mpi.oras.com/6150FZ)

**6151FZ** ❄️

**6151FZ-33** ❄️

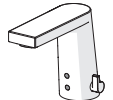
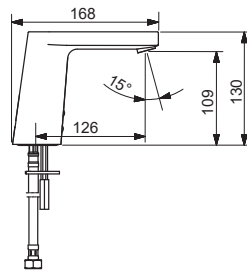
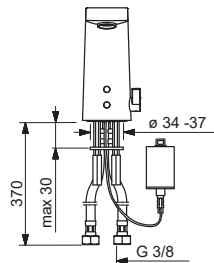
**6151FZ-104** ❄️ 0.056 l/s

**6151FZ-105** ❄️ 0.07 l/s



[mpi.oras.com/6151FZ](https://mpi.oras.com/6151FZ)

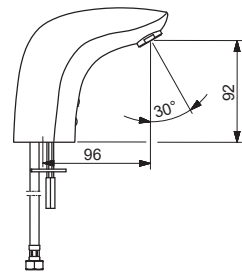
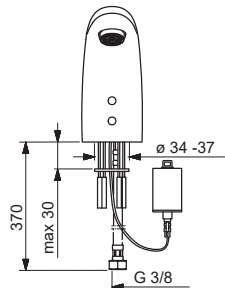
**6155FZ** ❄️



[mpi.oras.com/6155FZ](https://mpi.oras.com/6155FZ)

**6159FZ** ❄️

0.09 l/s



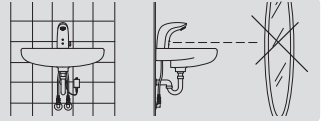
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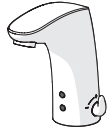
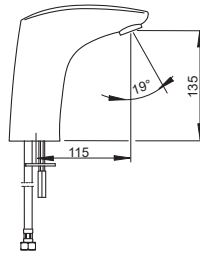
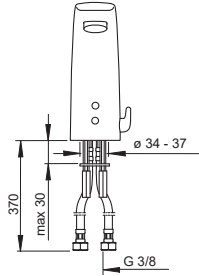


**Lithium 2CR5 6 V**  
 I (ISO 3822)  
 EN 15091  
 100 - 1000 kPa

max. +70°C  
 IP 55

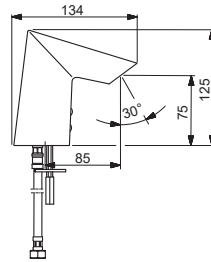
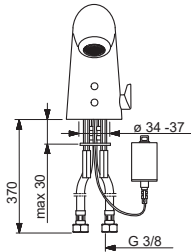


**6250FZ**



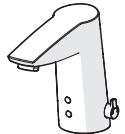
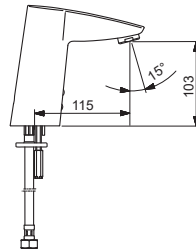
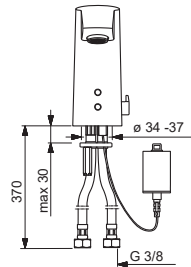
[mpi.oras.com/6250FZ](https://mpi.oras.com/6250FZ)

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



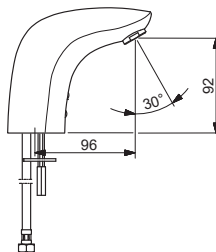
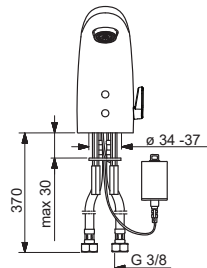
[mpi.oras.com/1714FZ](https://mpi.oras.com/1714FZ)

**2814FZ**



[mpi.oras.com/2814FZ](https://mpi.oras.com/2814FZ)

**6153FZ**

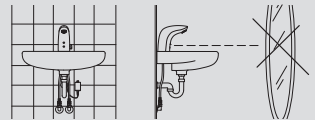


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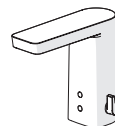
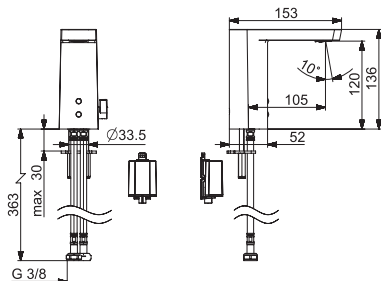


**Lithium 2CR5 6 V**  
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 IP 55

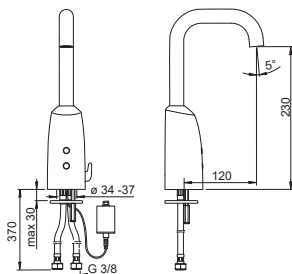


**4814FZ**



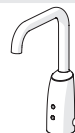
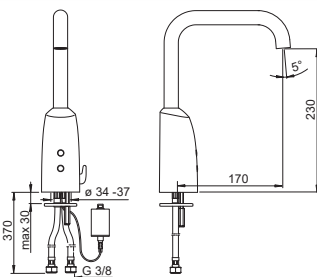
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**6330FZ**



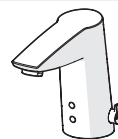
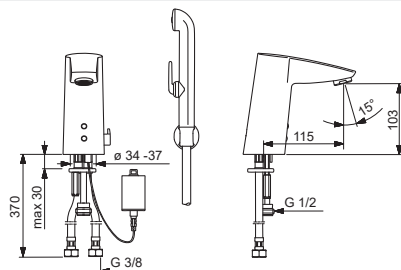
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**6331FZ**



[mpi.oras.com/6331FZ](https://mpi.oras.com/6331FZ)

**2816FZ**

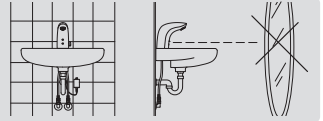


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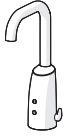
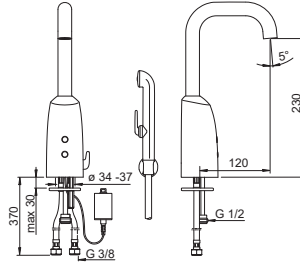


**Lithium 2CR5 6 V**  
I (ISO 3822)  
EN 15091  
100 - 1000 kPa

max. +70°C  
IP 55

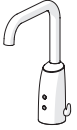
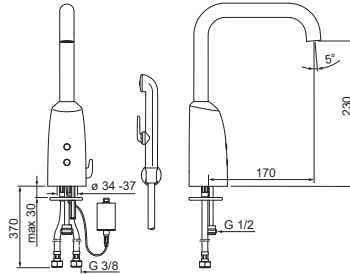


**6332FZ**



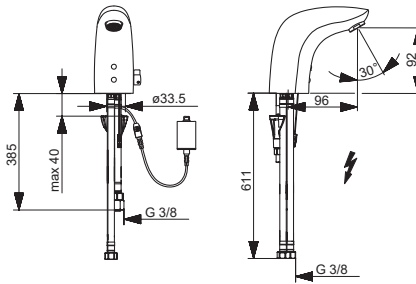
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**6333FZ**



[mpi.oras.com/6333FZ](https://mpi.oras.com/6333FZ)

**6152FZ** 100 - 500 kPa

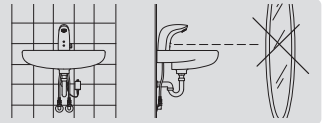


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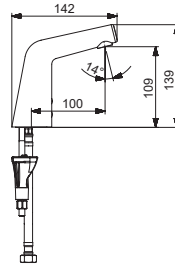
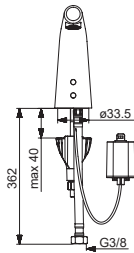


**Lithium 2CR5 6 V**  
I (ISO 3822)  
EN 15091  
100 - 1000 kPa

max. +70°C  
IP 55

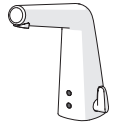
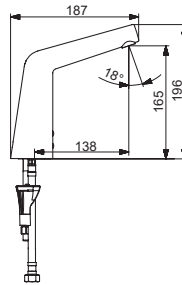
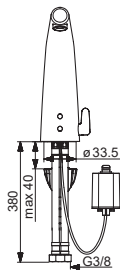


### 3014F



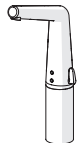
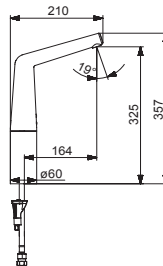
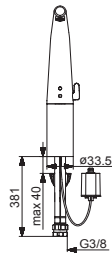
[mpi.oras.com/3014F](https://mpi.oras.com/3014F)

### 3016F



[mpi.oras.com/3016F](https://mpi.oras.com/3016F)

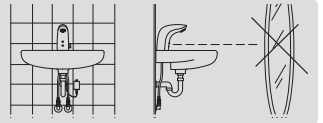
### 3017F



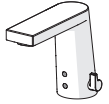
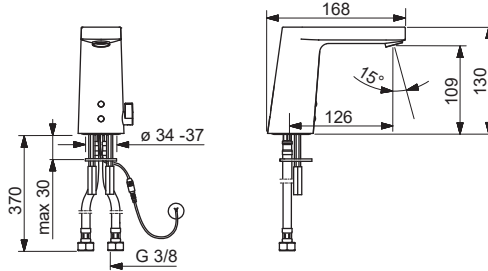
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9 / 12 V  
I (ISO 3822)  
EN 15091  
100 - 1000 kPa

max. +70°C  
IP 55

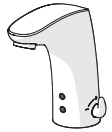
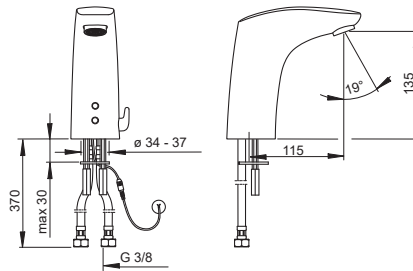


### 6125FZ



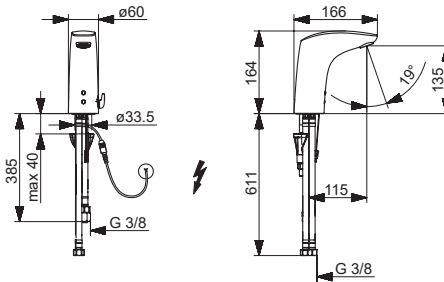
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### 6222FZ



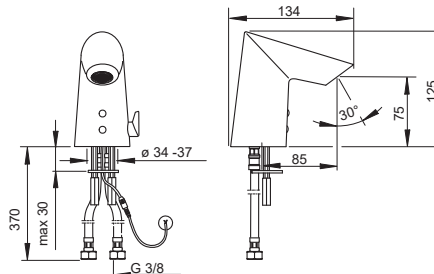
[mpi.oras.com/6222FZ](https://mpi.oras.com/6222FZ)

### 6221FZ 100 - 500 kPa



[mpi.oras.com/6221FZ](https://mpi.oras.com/6221FZ)

### 1724FZ

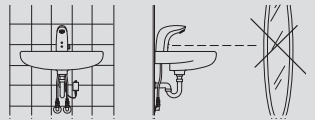


[mpi.oras.com/1724FZ](https://mpi.oras.com/1724FZ)



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

max. +70°C  
 IP 55

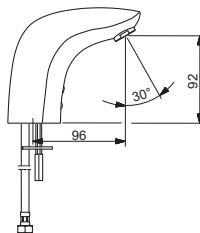
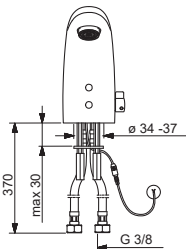


**6120FZ**

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

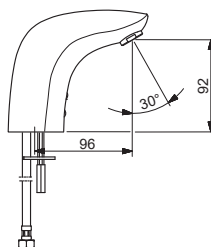
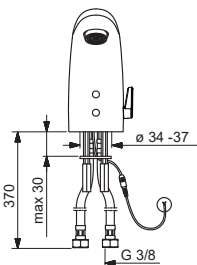
**6120FZ-102** 0.028 l/s

**6120FZ-104** 0.056 l/s



[mpi.oras.com/6120FZ](https://mpi.oras.com/6120FZ)

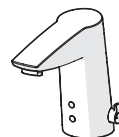
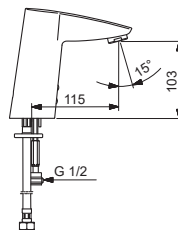
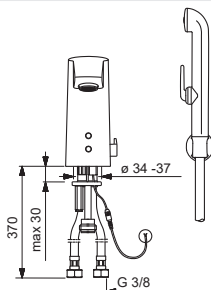
**6123FZ**



[mpi.oras.com/6123FZ](https://mpi.oras.com/6123FZ)

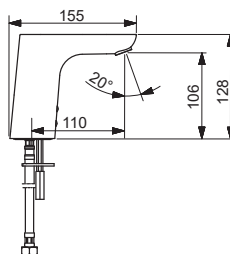
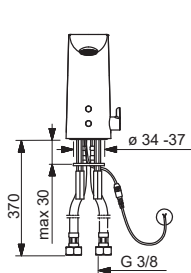
**2826FZ**

**2816FZ**



[mpi.oras.com/2826FZ](https://mpi.oras.com/2826FZ)

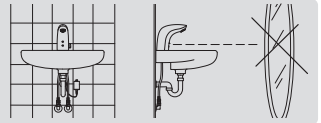
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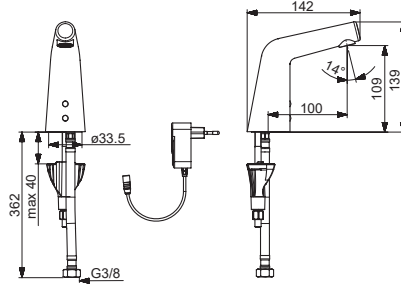
[mpi.oras.com/6121FZ](https://mpi.oras.com/6121FZ)

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

max. +70°C  
IP 55

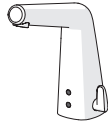
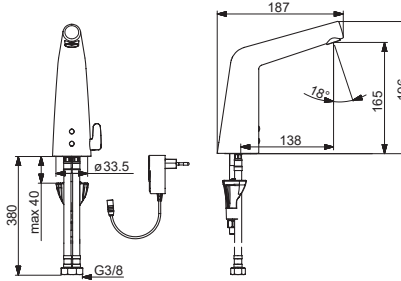


### 3014FT



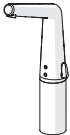
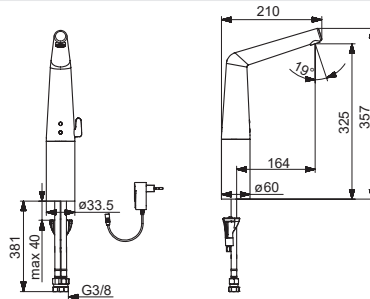
[mpi.oras.com/3014FT](https://mpi.oras.com/3014FT)

### 3016FT



[mpi.oras.com/3016FT](https://mpi.oras.com/3016FT)

### 3017FT

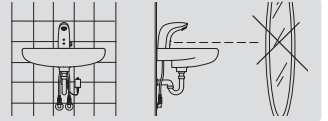


[mpi.oras.com/3017FT](https://mpi.oras.com/3017FT)



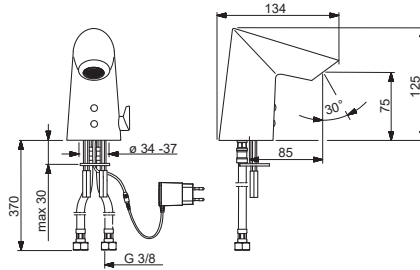
**230 / 9 V**  
 I (ISO 3822)  
 EN 15091  
 100 - 1000 kPa

max. +70°C  
 IP 55 / transformer IP 20



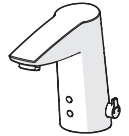
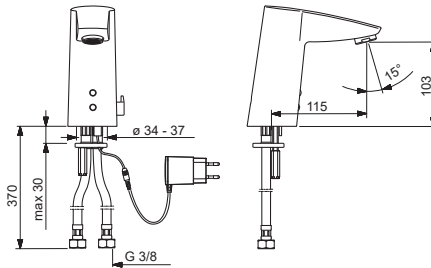
**1724FTZ** ❄️

0.08 l/s



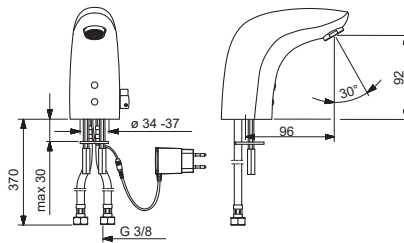
[mpi.oras.com/1724FTZ](https://mpi.oras.com/1724FTZ)

**2824FTZ** ❄️



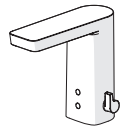
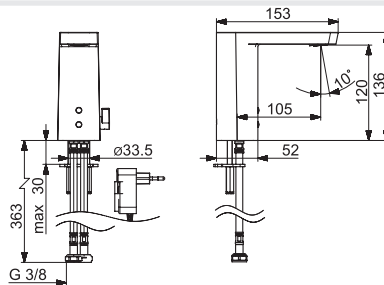
[mpi.oras.com/2824FTZ](https://mpi.oras.com/2824FTZ)

**6120FTZ** ❄️



[mpi.oras.com/6120FTZ](https://mpi.oras.com/6120FTZ)

**4824FTZ** ❄️

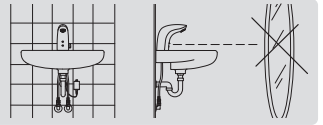


[mpi.oras.com/4824FTZ](https://mpi.oras.com/4824FTZ)

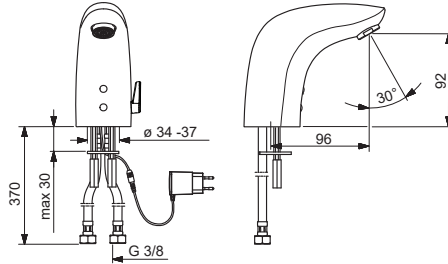


**230 / 9 V**  
 I (ISO 3822)  
 EN 15091  
 100 - 1000 kPa

max. +70°C  
 IP 55 / transformer IP 20

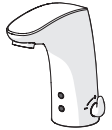
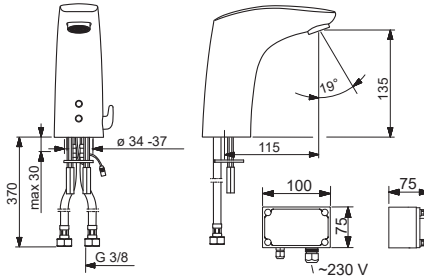


**6123FTZ**



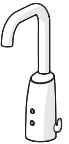
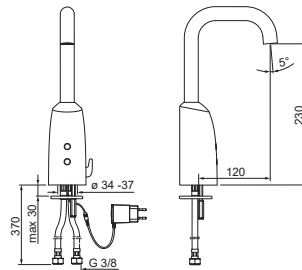
[mpi.oras.com/6123FTZ](http://mpi.oras.com/6123FTZ)

**6223FTZ**



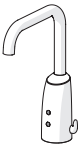
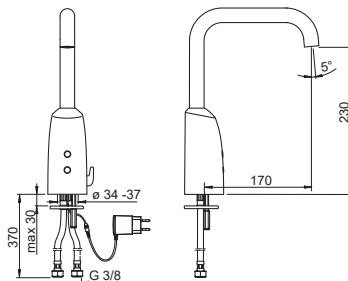
[mpi.oras.com/6223FTZ](http://mpi.oras.com/6223FTZ)

**6334FTZ**



[mpi.oras.com/6334FTZ](http://mpi.oras.com/6334FTZ)

**6335FTZ**

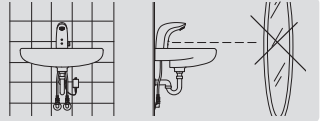


[mpi.oras.com/6335FTZ](http://mpi.oras.com/6335FTZ)

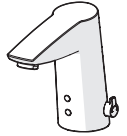
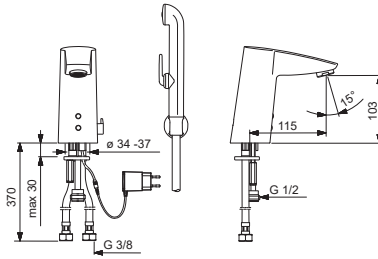


**230 / 9 V**  
I (ISO 3822)  
EN 15091  
100 - 1000 kPa

max. +70°C  
IP 55 / transformer IP 20



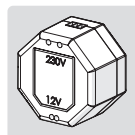
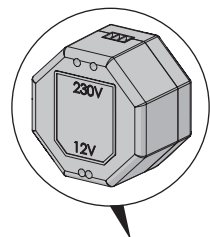
## 2826FTZ



[mpi.oras.com/2826FTZ](https://mpi.oras.com/2826FTZ)

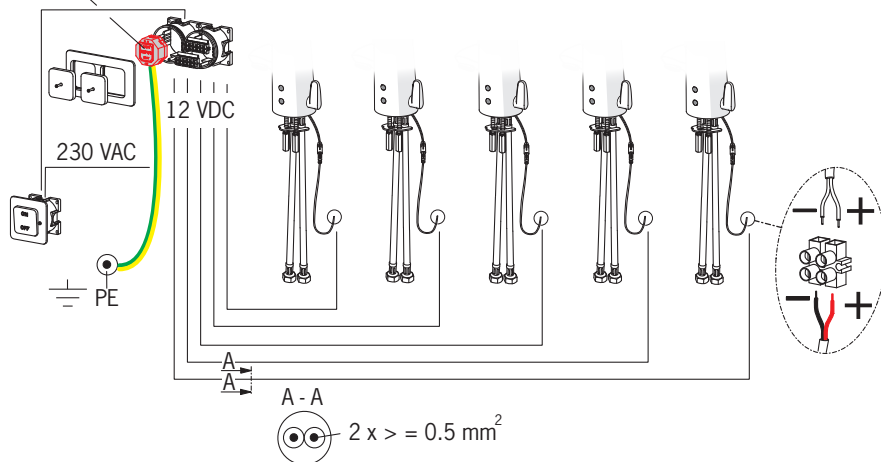
- GB** Power supply requirement: Power supply output must be short circuit protected
- CZ** Požadavky týkající se napájecího zdroje: Výstup napájecího zdroje musí být chráněn proti zkratu
- DE** Stromversorgungs voraussetzungen: Stromversorgungsspannung muss kurzschlussgeschützt sein.
- DK** Krav til 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 oikosulkuuojattu
- 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 cortocircuito
- 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.

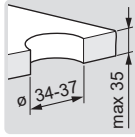
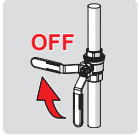
## Oras 199275



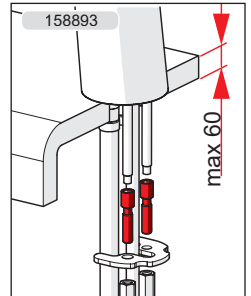
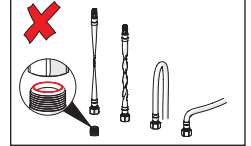
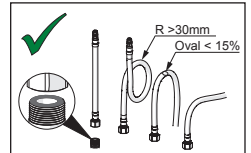
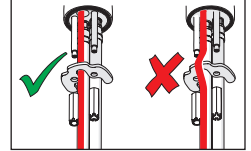
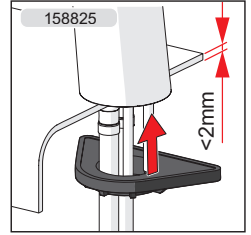
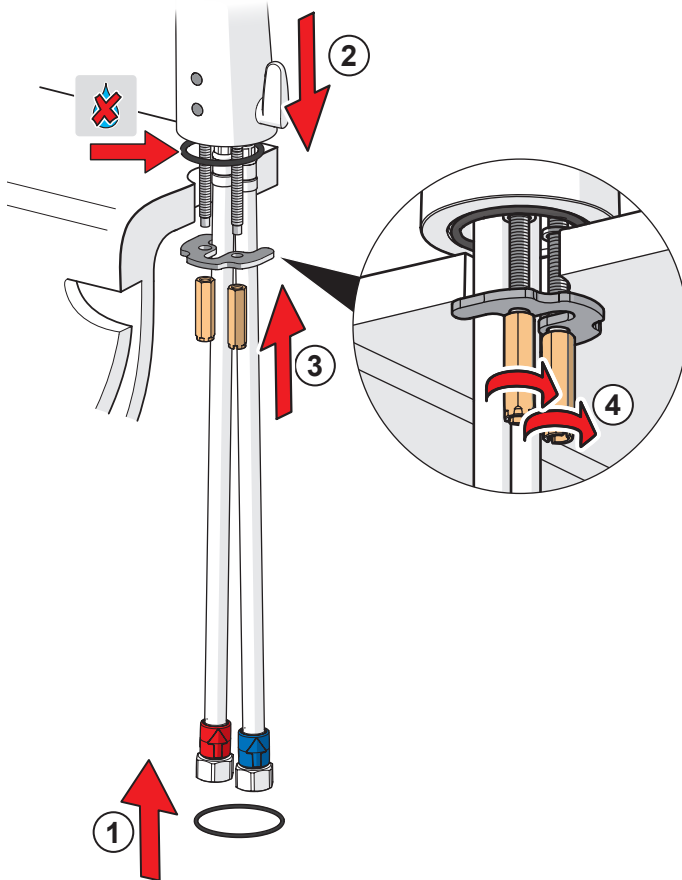
Oras 199275

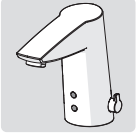
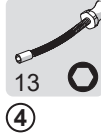
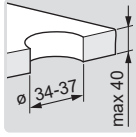
1.....5



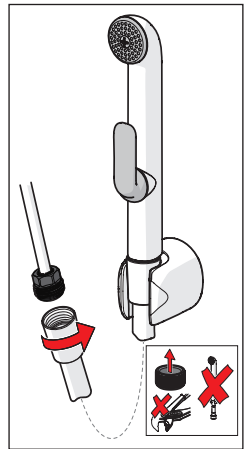
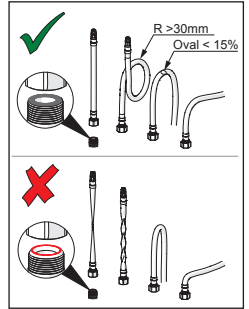
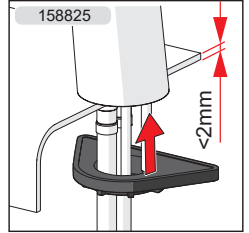
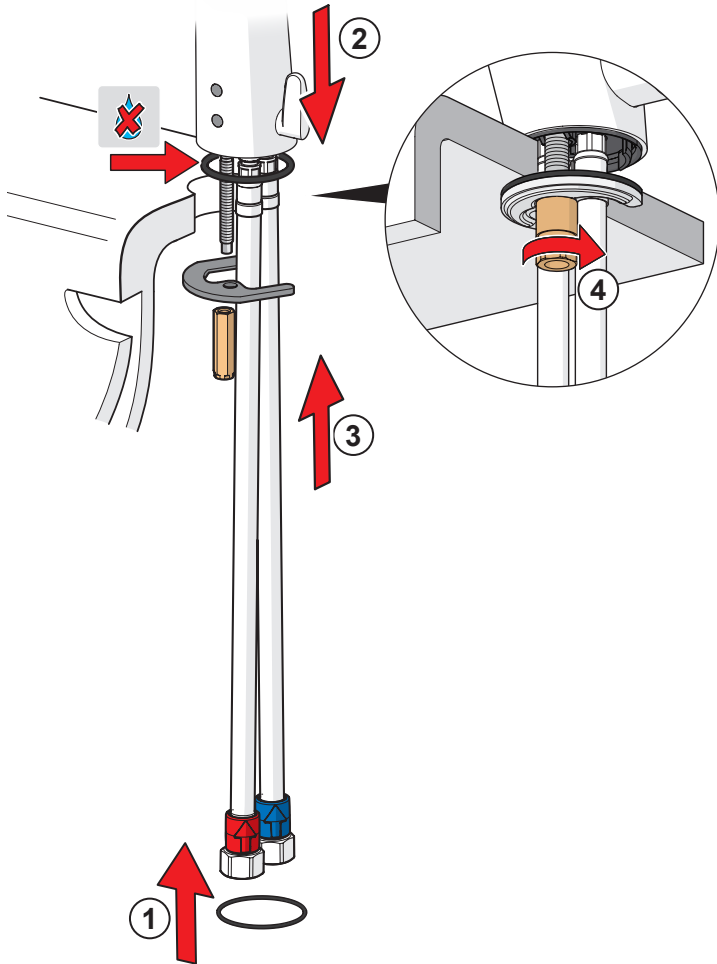


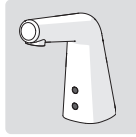
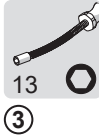
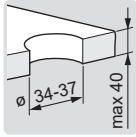
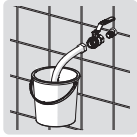
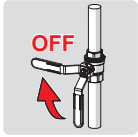
1 A



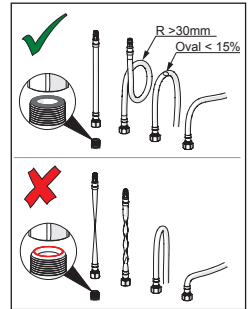
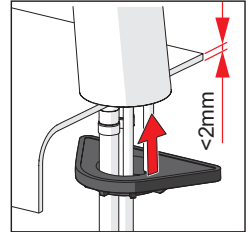
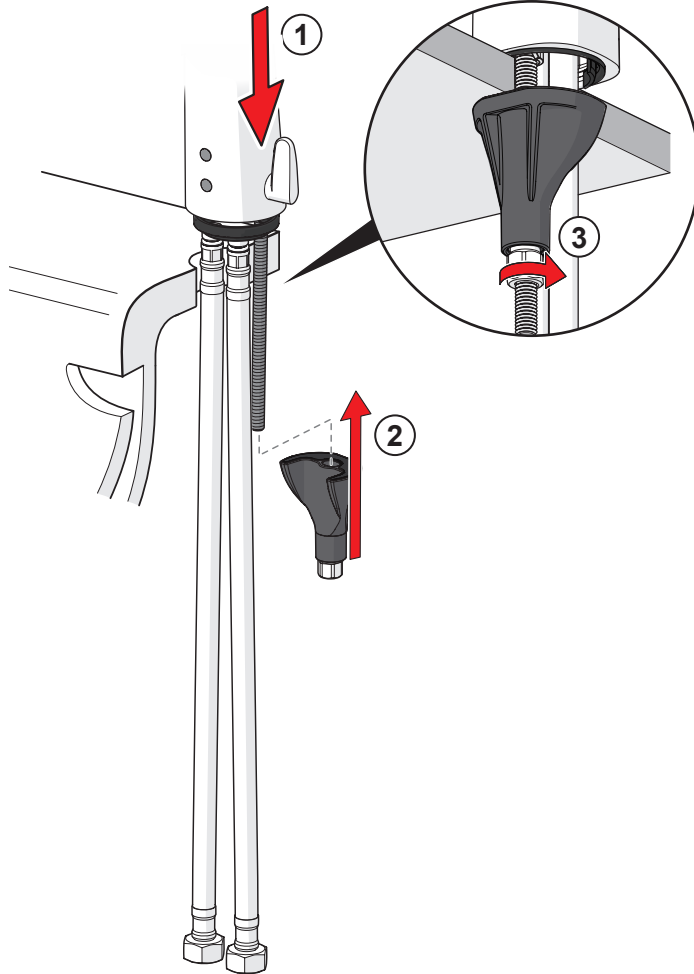


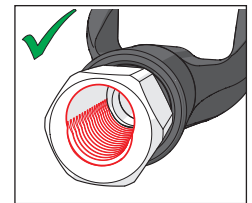
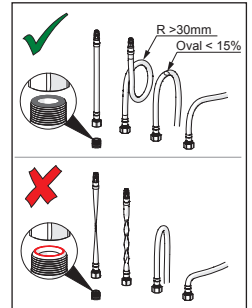
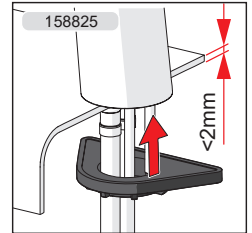
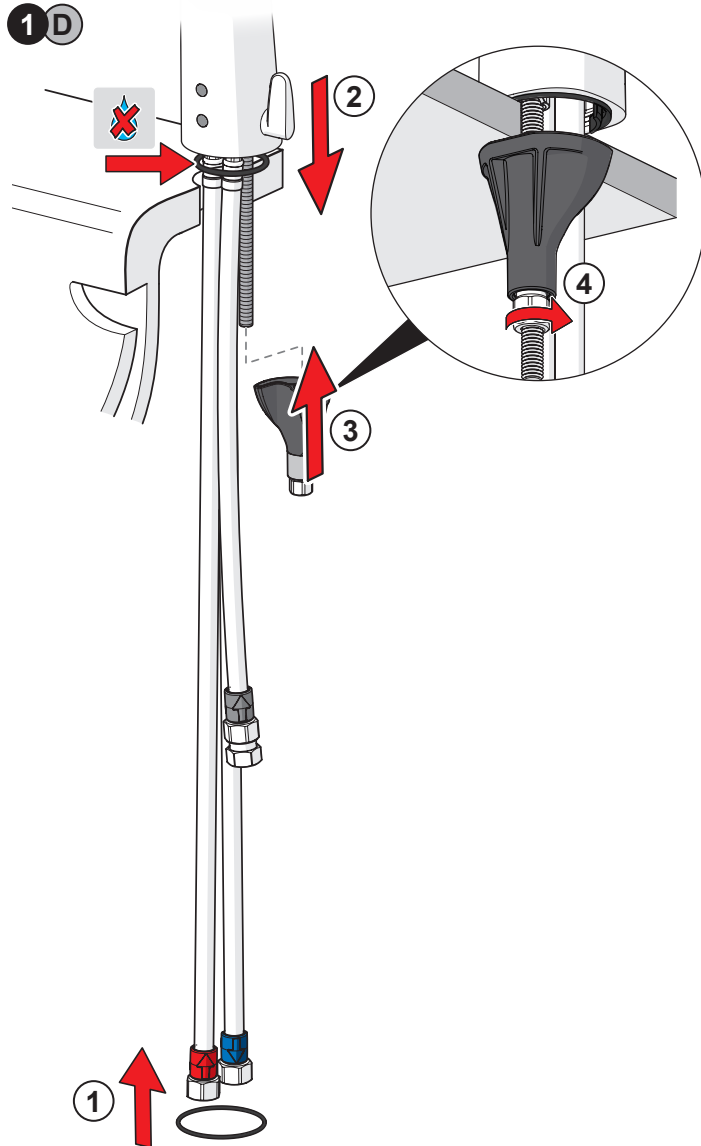
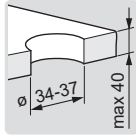
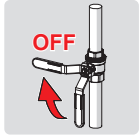
1 B





1 C



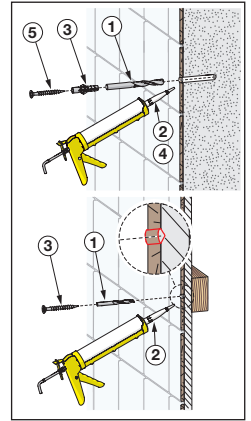
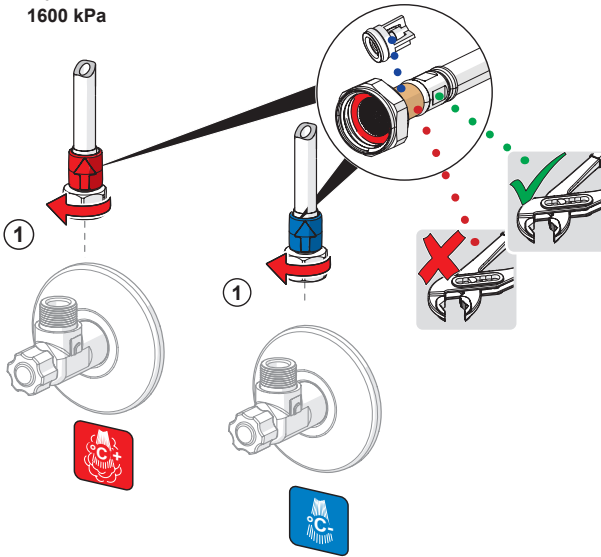




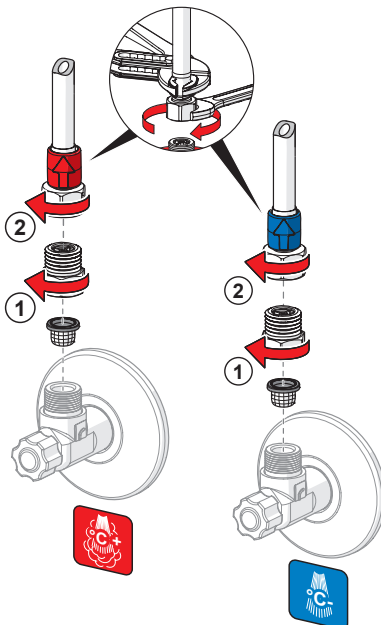
1 2

max.  
1600 kPa

2 A



2 B







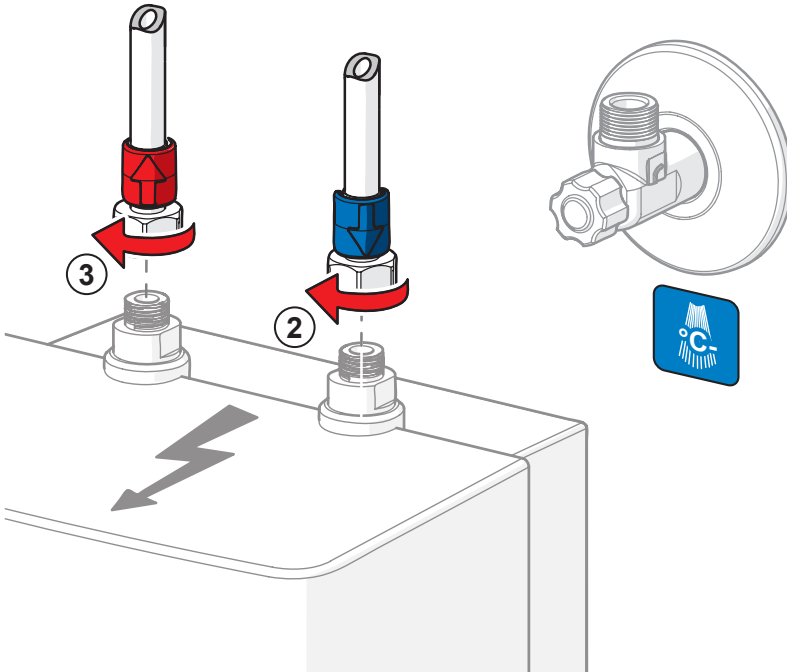
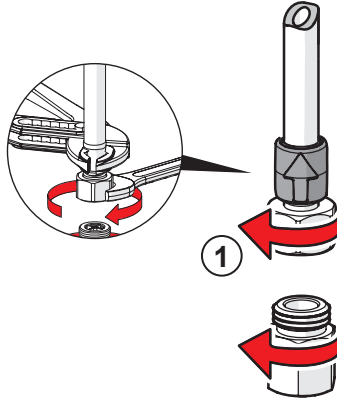
19  
①②③④



max.  
1600 kPa

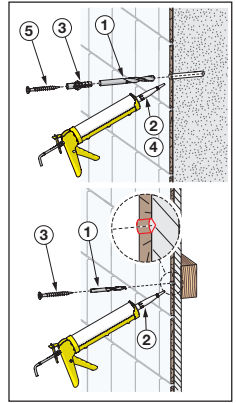
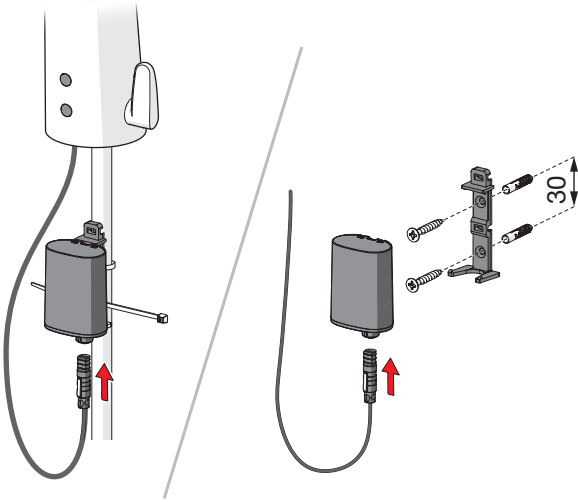


2 C

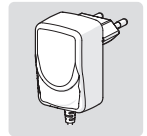
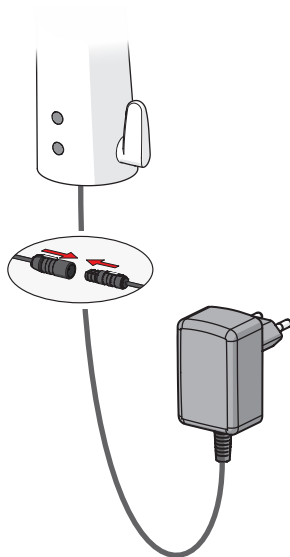




**3 A**

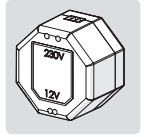
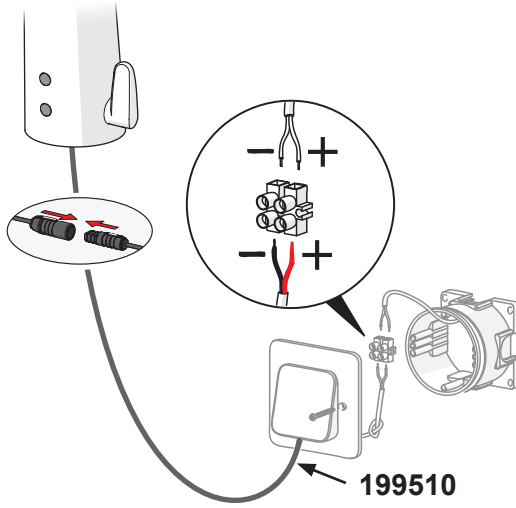


**3 B**

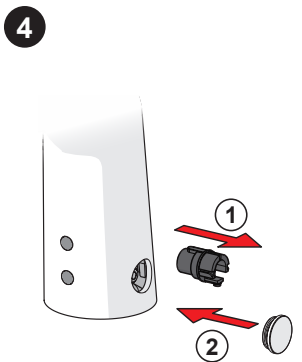
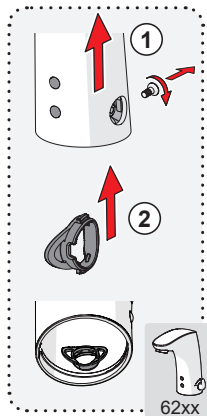
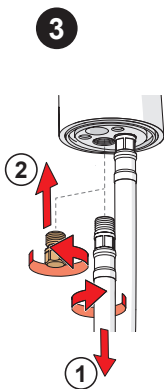
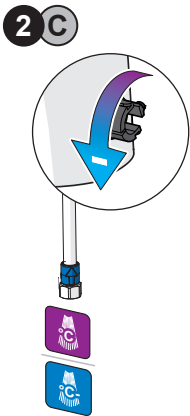
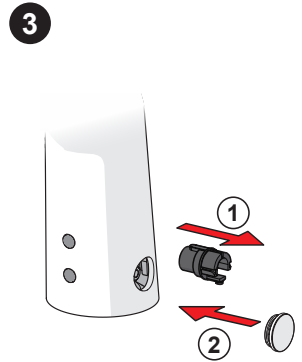
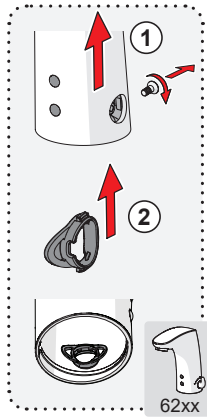
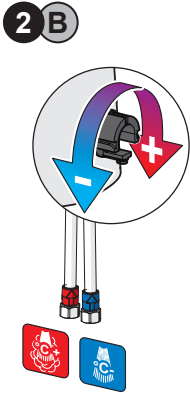
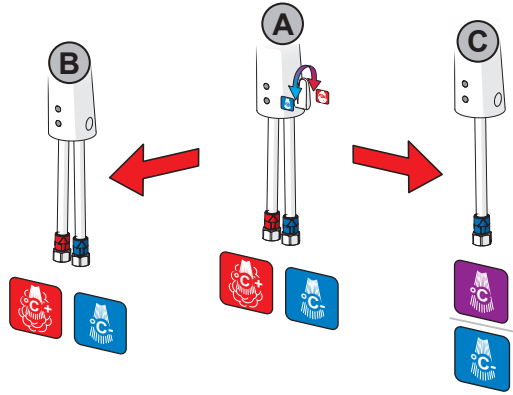
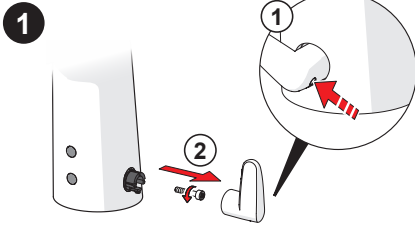
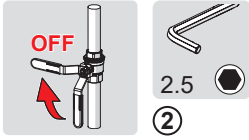


**199550**

3 C



**199275**



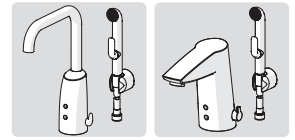
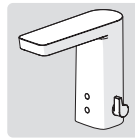
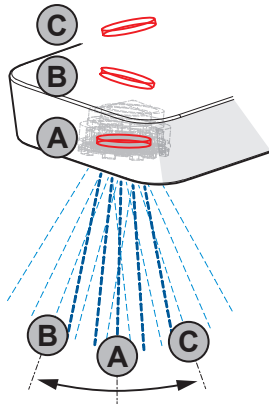
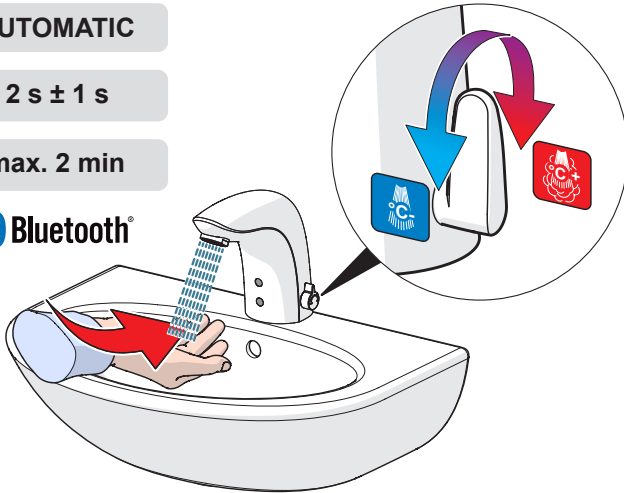


**AUTOMATIC**

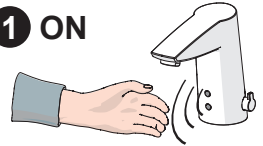
**2 s ± 1 s**

**max. 2 min**

**Bluetooth®**



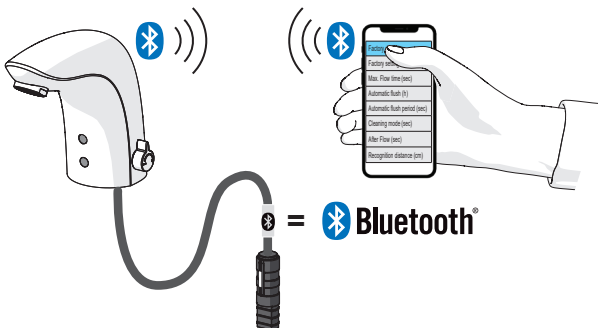
**1 ON**



**2**



**3 OFF**

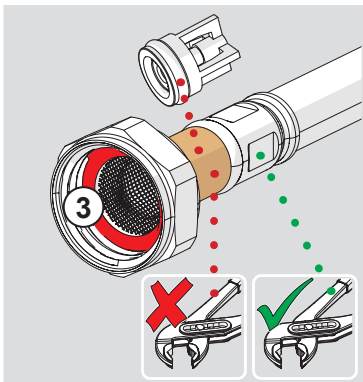
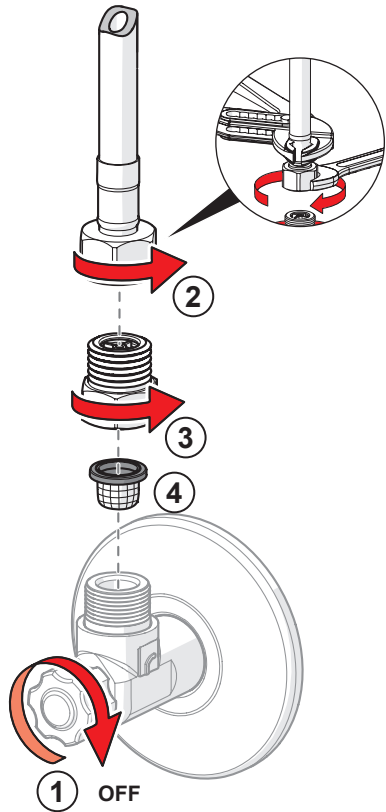
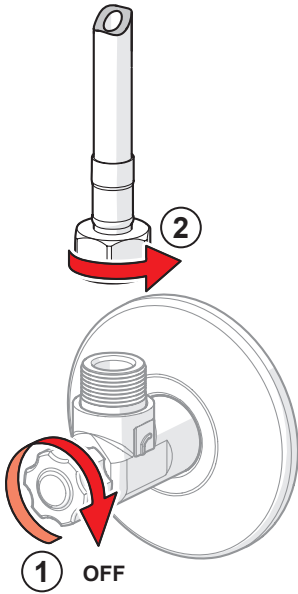
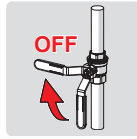
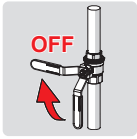
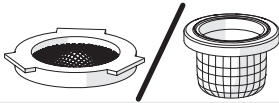


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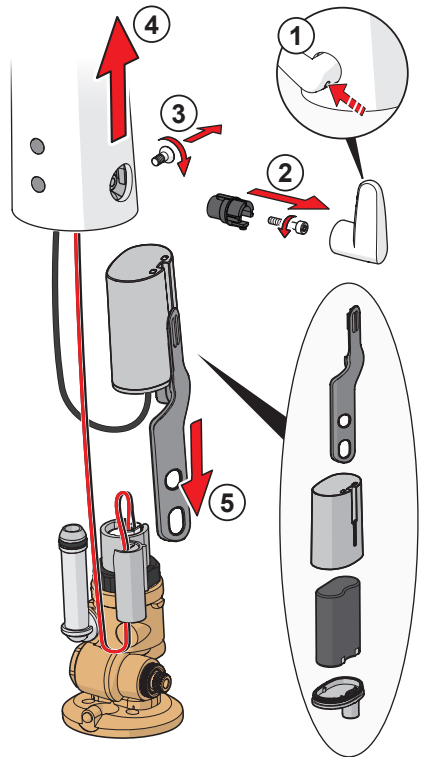
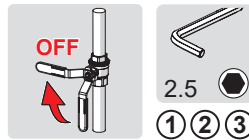
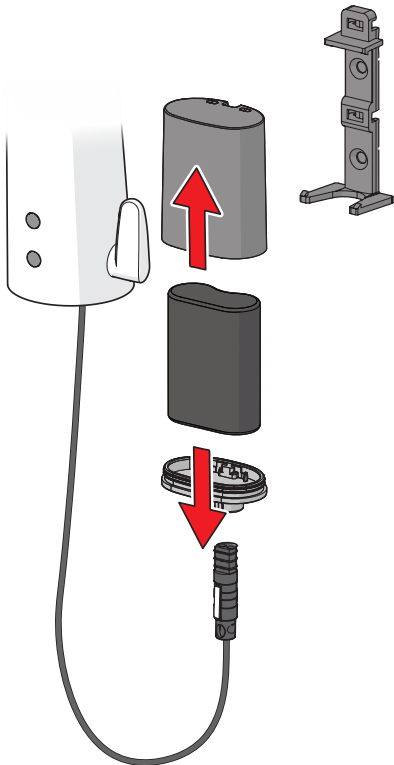
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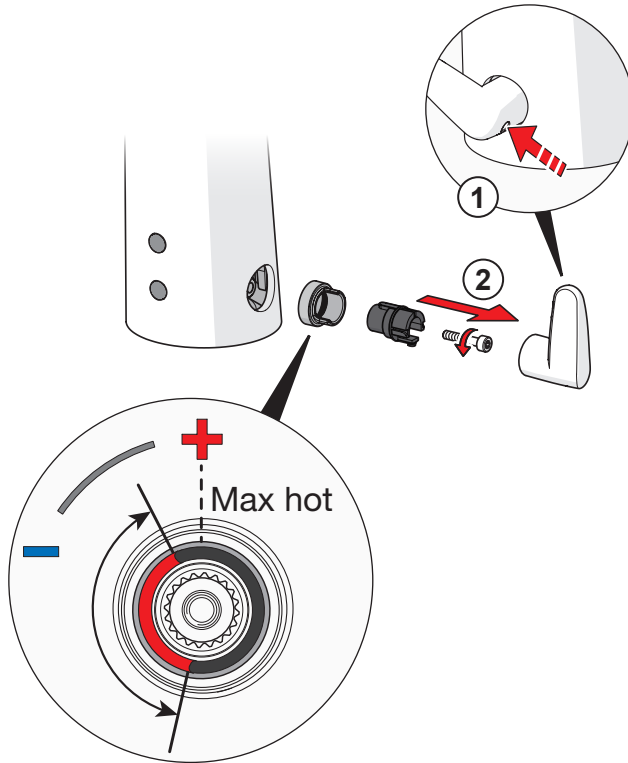
Lithium 2CR5 6V



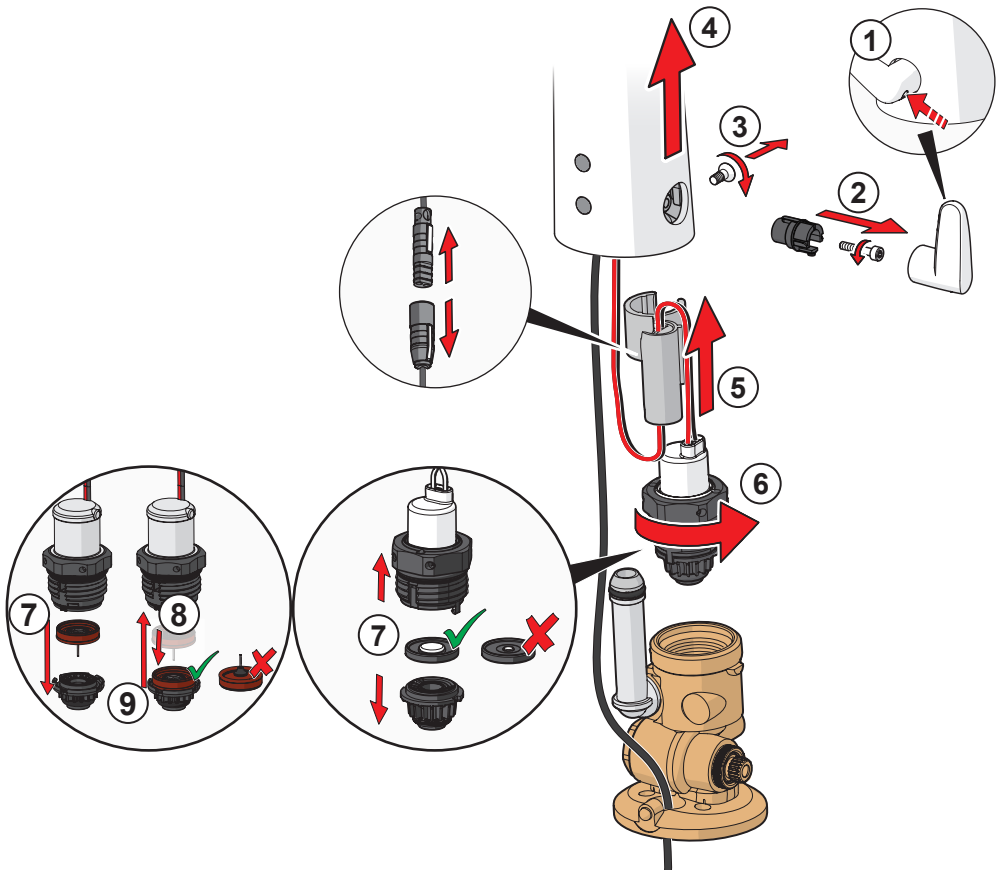
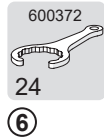
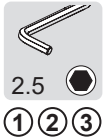
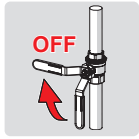


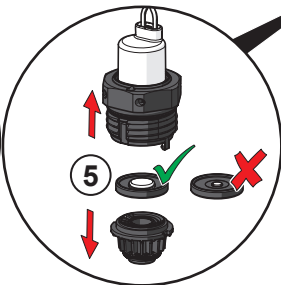
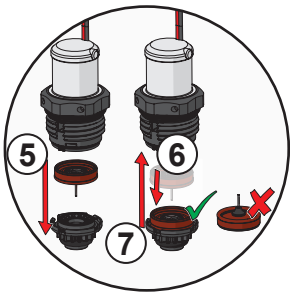
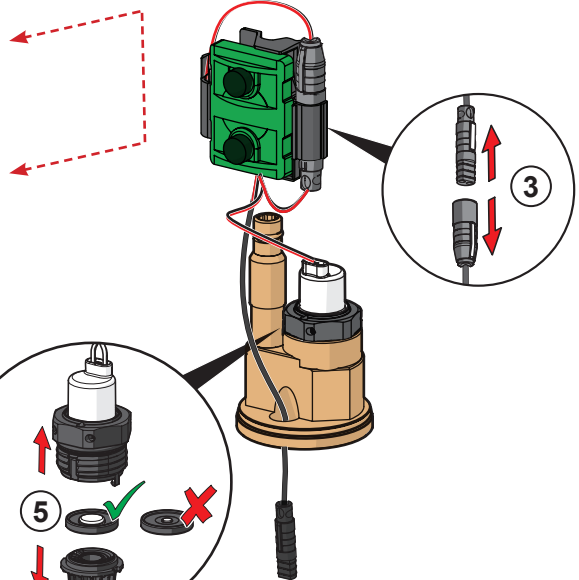
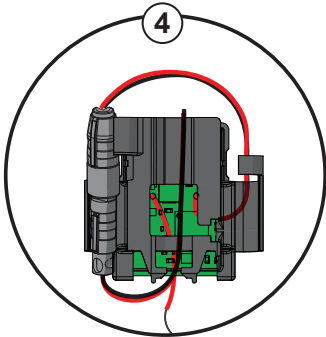
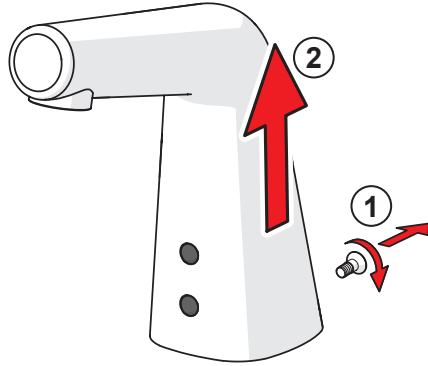
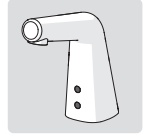
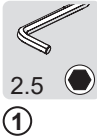
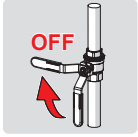
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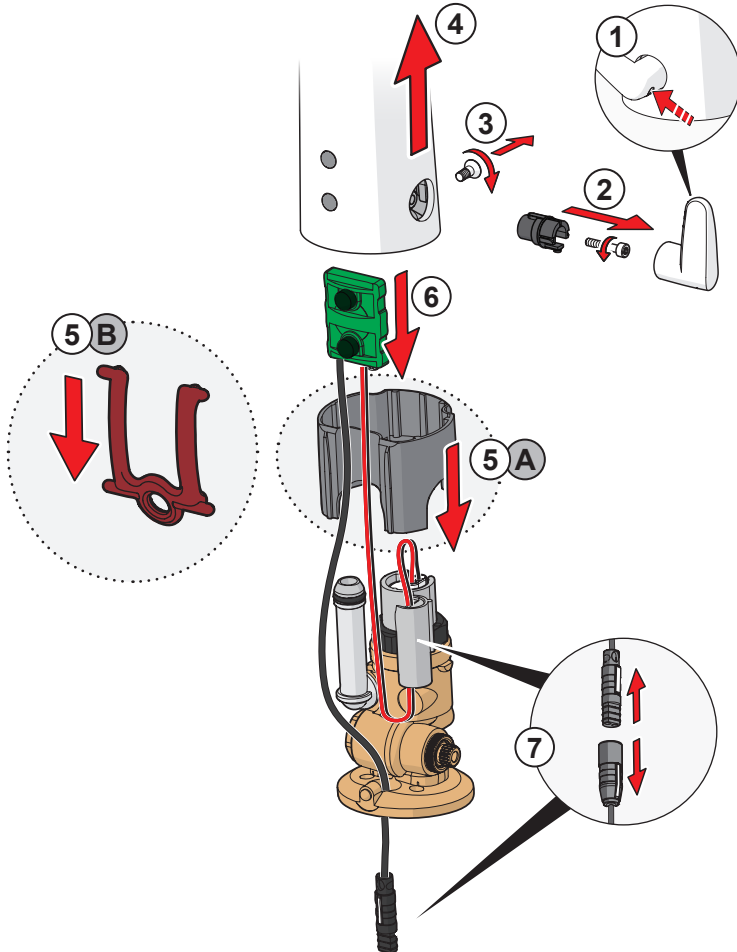
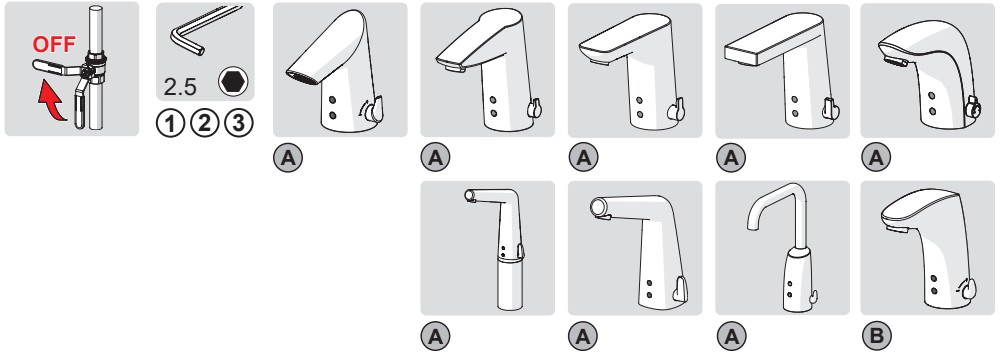
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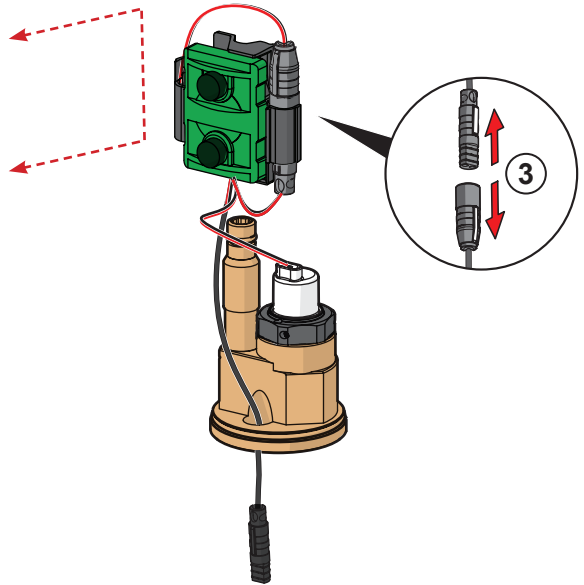
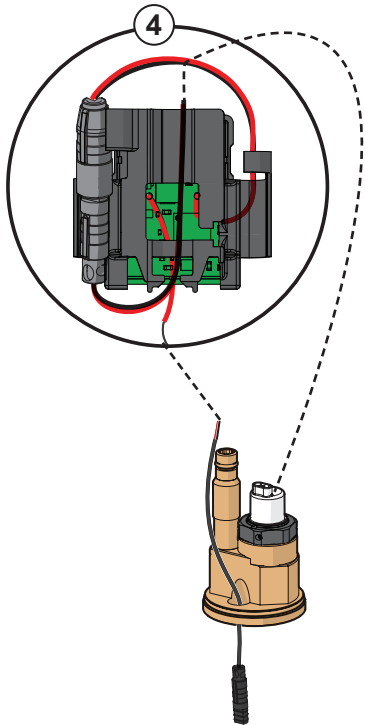
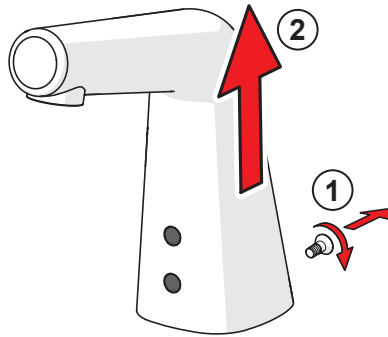
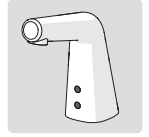
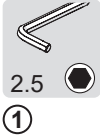
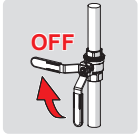


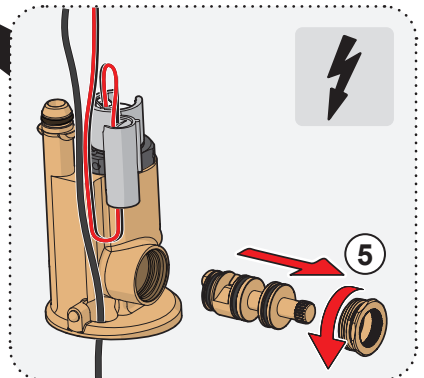
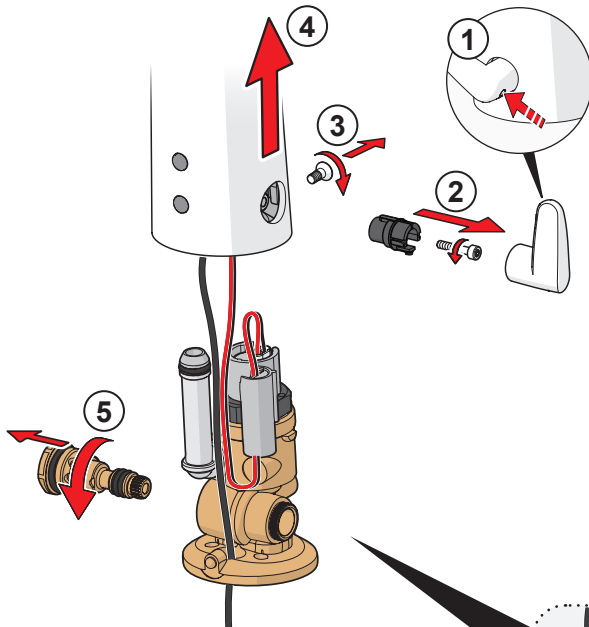
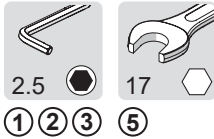
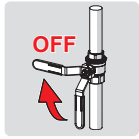






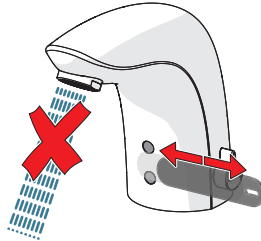
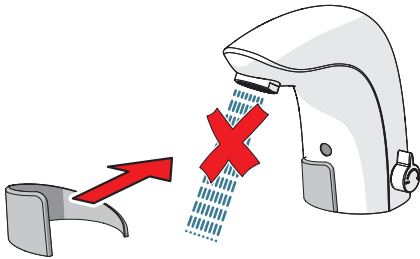




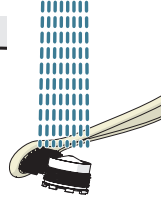
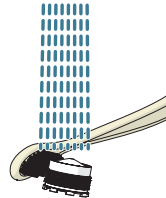
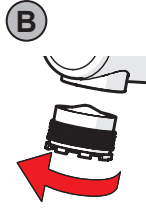
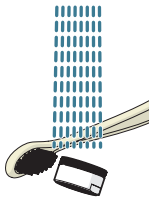
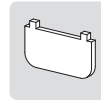
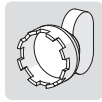




Bluetooth®



- 1 ON
- 2
- 3
- 4 on 30 s (factory settings)
- 5 automatic off / off



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