

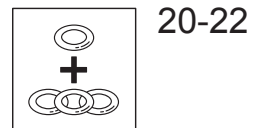
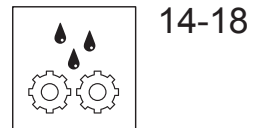
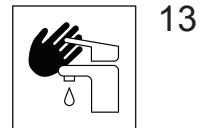


# Oras Vega

INSTALLATION AND MAINTENANCE GUIDE



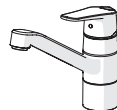
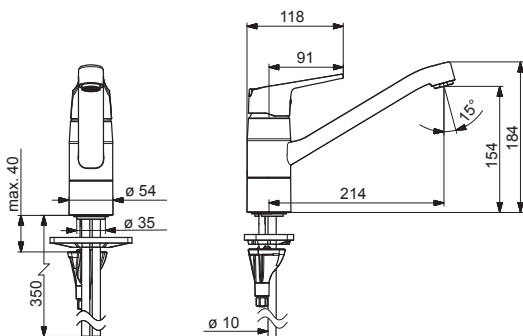






## 1820G

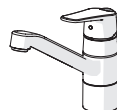
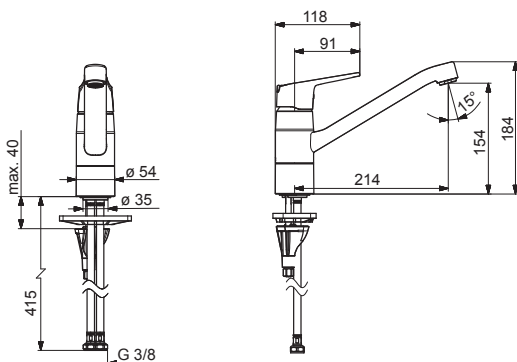
I (ISO 3822)  
 EN 817  
 50 - 1000 kPa  
 0.15 l/s (Eco)  
 0.29 l/s (300 kPa)  
 140 kPa (0.2 l/s)  
 max. +80°C



[static.oras.com/1820G](http://static.oras.com/1820G)

## 1820FG, 1820FGG

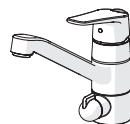
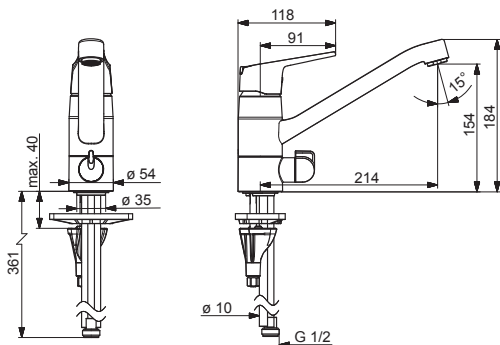
I (ISO 3822)  
 EN 817  
 50 - 1000 kPa  
 0.17 l/s (Eco)    1820FG  
 0.29 l/s (300 kPa)    1820FG  
 150 kPa (0.2 l/s)    1820FG  
 0.11 l/s (Eco)    1820FGG  
 0.14 l/s (300 kPa)    1820FGG  
 145 kPa (0.1 l/s)    1820FGG  
 max. +80°C



[static.oras.com/1820FG](http://static.oras.com/1820FG)

## 1825G

I (ISO 3822)  
 EN 817  
 50 - 1000 kPa  
 0.15 l/s (Eco)  
 0.29 l/s (300 kPa)  
 145 kPa (0.2 l/s)  
 max. +80°C



[static.oras.com/1825G](http://static.oras.com/1825G)

## 1825FG, 1825FGG

I (ISO 3822)

EN 817

50 - 1000 kPa

0.17 l/s (Eco)

0.29 l/s (300 kPa)

150 kPa (0.2 l/s)

0.11 l/s (Eco)

0.14 l/s (300 kPa)

145 kPa (0.1 l/s)

max. +80°C

1825FG

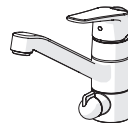
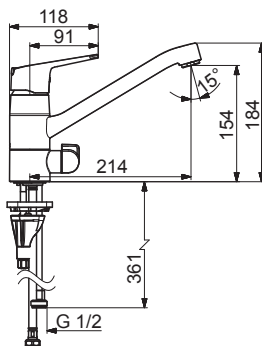
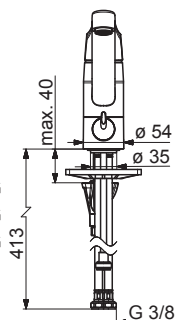
1825FG

1825FG

1825FGG

1825FGG

1825FGG



[static.oras.com/1825FG](http://static.oras.com/1825FG)

## 1832FG

I (ISO 3822)

EN 817

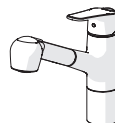
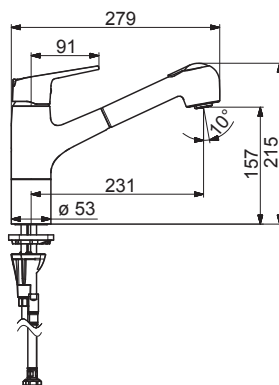
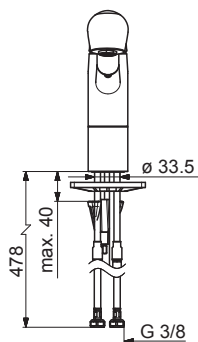
50 - 1000 kPa

0.07 l/s (Eco)

0.16 l/s (300 kPa)

90 kPa (0.1 l/s)

max. +80°C



[static.oras.com/1832FG](http://static.oras.com/1832FG)

## 1828G

I (ISO 3822)

EN 817

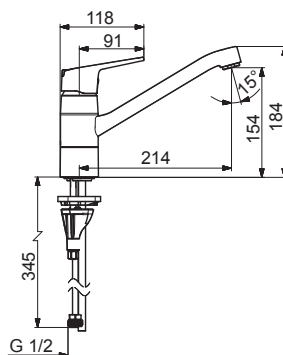
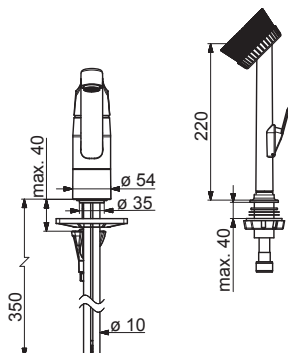
50 - 1000 kPa

0.07 l/s (Eco)

0.17 l/s (300 kPa)

105 kPa (0.1 l/s)

max. +80°C

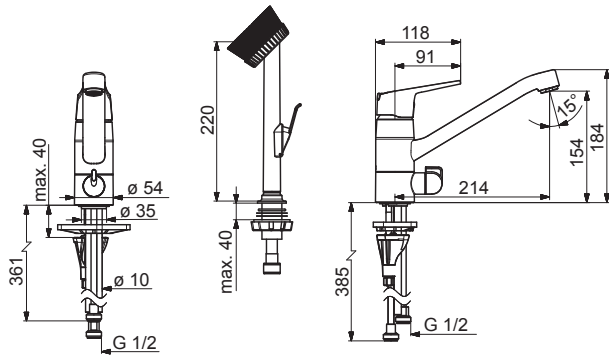


[static.oras.com/1828G](http://static.oras.com/1828G)



## 1829G

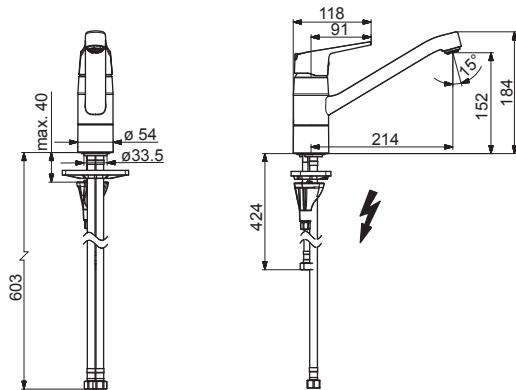
I (ISO 3822)  
 EN 817  
 50 - 1000 kPa  
 0.07 l/s (Eco)  
 0.17 l/s (300 kPa)  
 105 kPa (0.1 l/s)  
 max. +80°C



[static.oras.com/1829G](http://static.oras.com/1829G)

## 1821FG

I (ISO 3822)  
 EN 817  
 50 - 500 kPa  
 0.08 l/s (300 kPa w/Reducer)  
 max. +80°C



[static.oras.com/1821FG](http://static.oras.com/1821FG)

## 1838FG

I (ISO 3822)

EN 817

50 - 1000 kPa

0.15 l/s (Eco) 1838FG

0.27 l/s (300 kPa) 1838FG

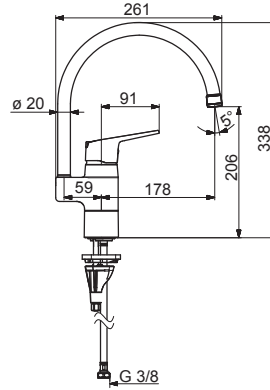
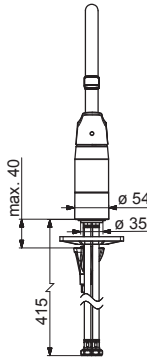
170 kPa (0.2 l/s) 1838FG

0.11 l/s (Eco) 1838FGG

0.14 l/s (300 kPa) 1838FGG

145 kPa (0.1 l/s) 1838FGG

max. +80°C



[static.oras.com/1838FG](http://static.oras.com/1838FG)

## 1839FG, 1839FGG

I (ISO 3822)

EN 817

50 - 1000 kPa

0.15 l/s (Eco) 1839FG

0.27 l/s (300 kPa) 1839FG

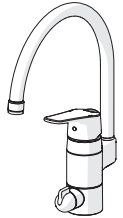
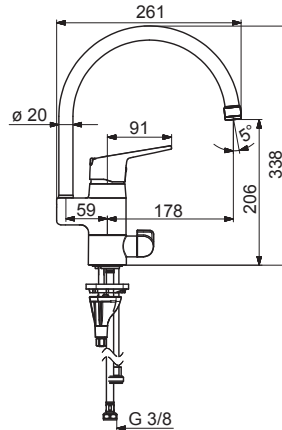
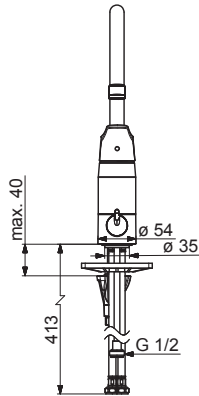
170 kPa (0.2 l/s) 1839FG

0.11 l/s (Eco) 1839FGG

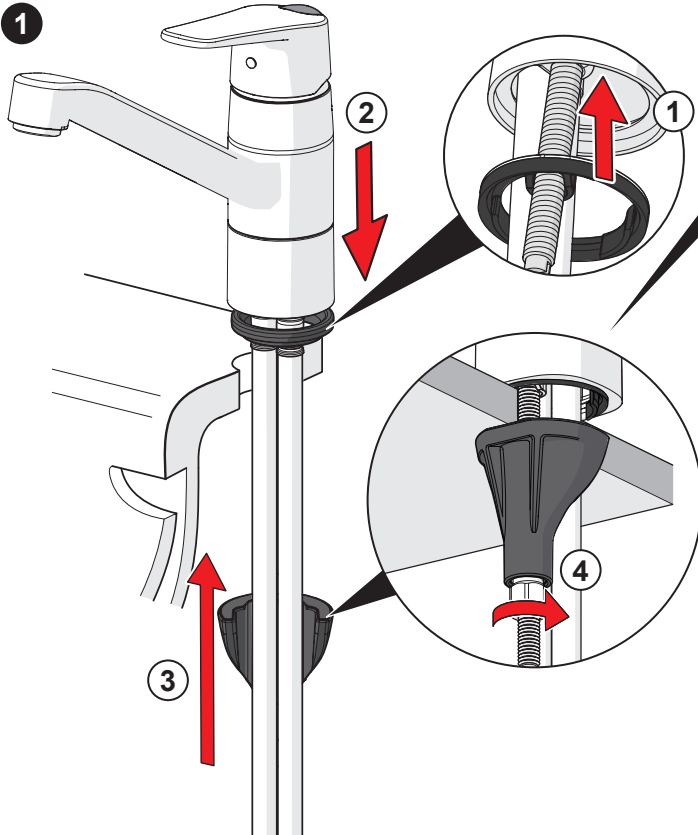
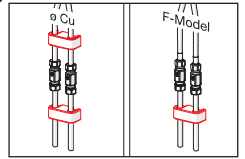
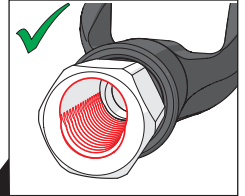
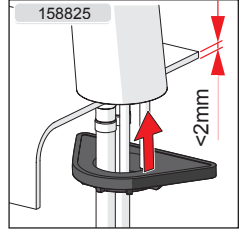
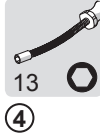
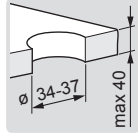
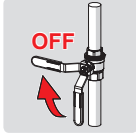
0.14 l/s (300 kPa) 1839FGG

145 kPa (0.1 l/s) 1839FGG

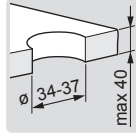
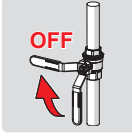
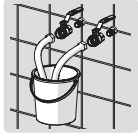
max. +80°C



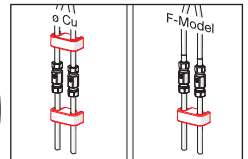
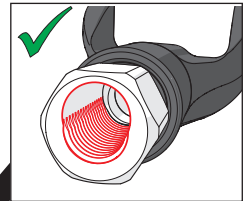
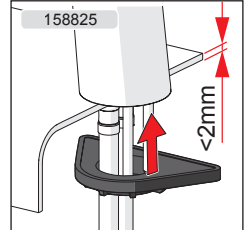
[static.oras.com/1839FG](http://static.oras.com/1839FG)



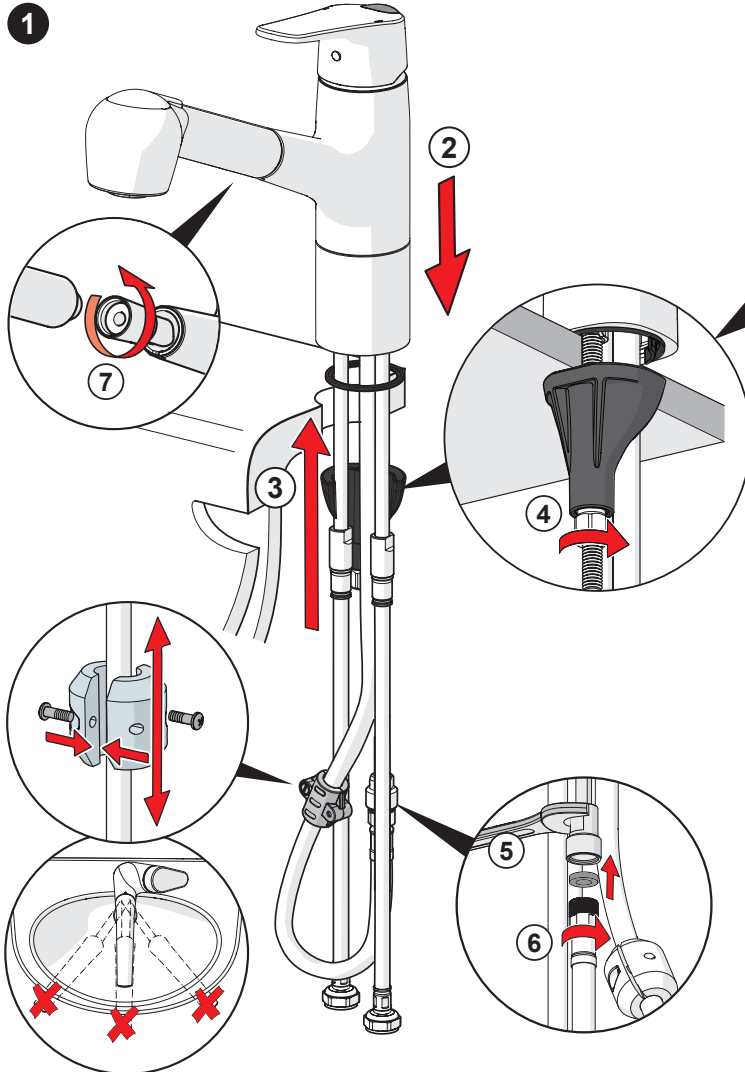




max.  
1600 kPa



1

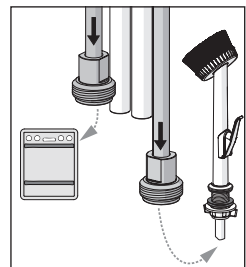
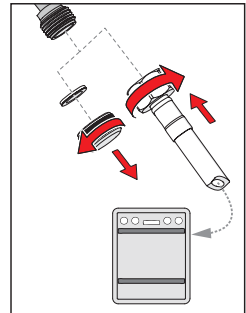
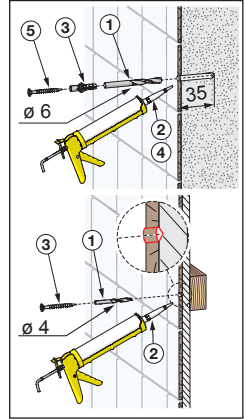
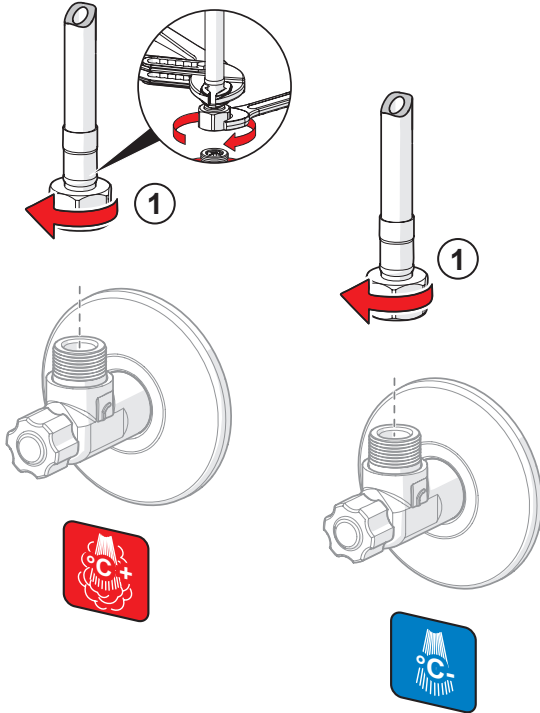


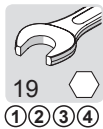


①

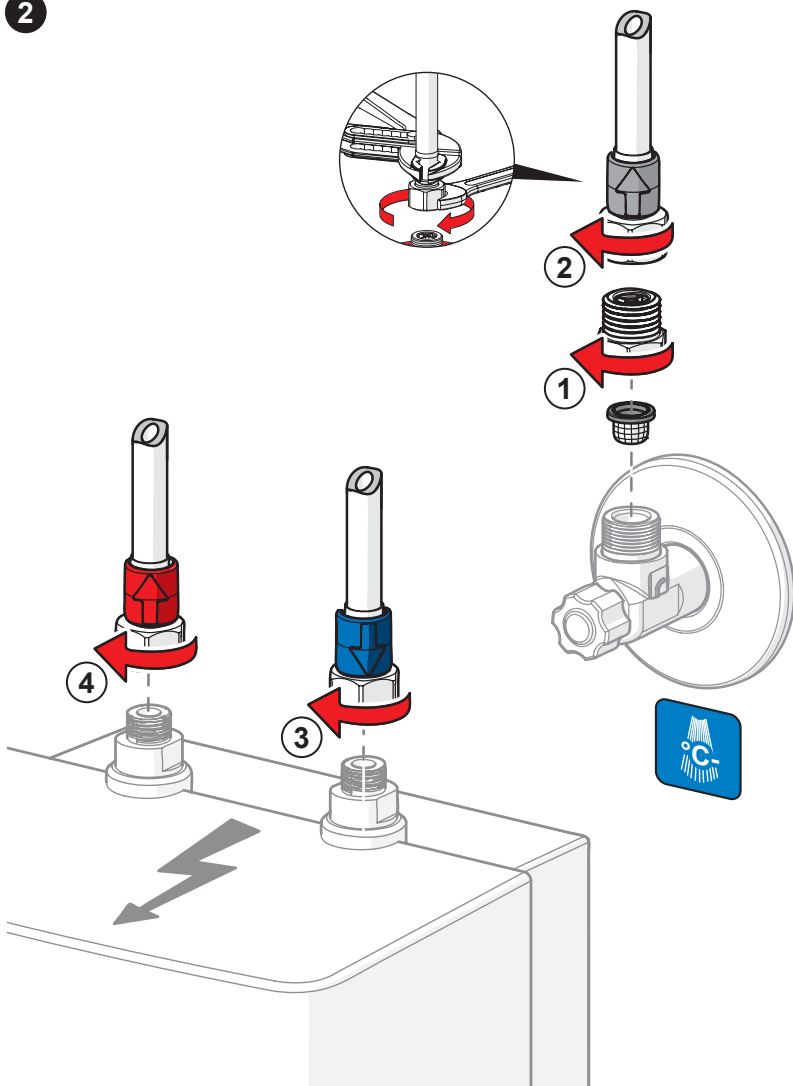


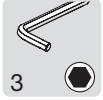
max.  
1600 kPa



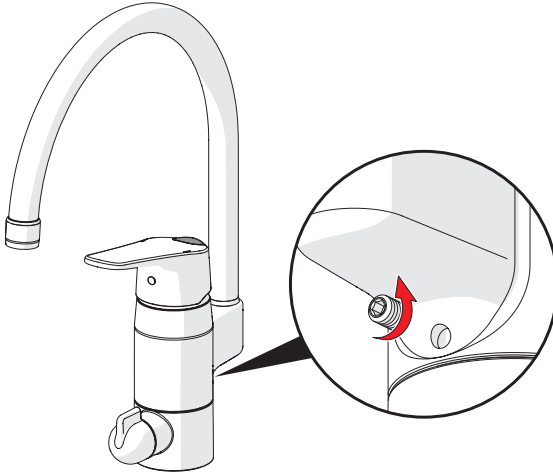


2

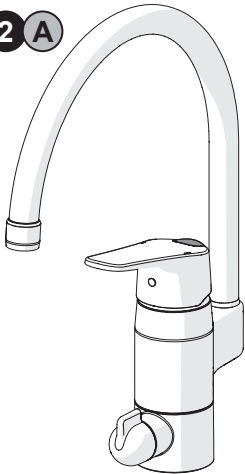




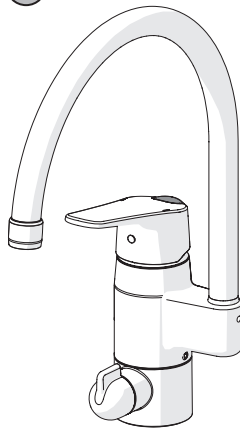
1



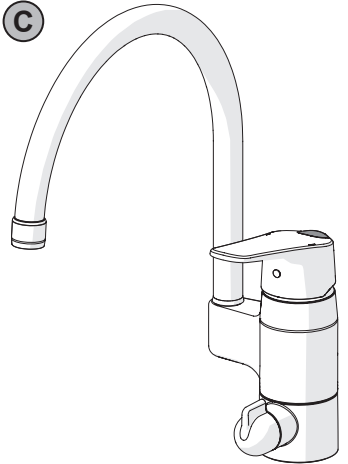
2 A

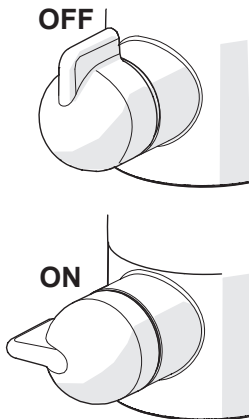
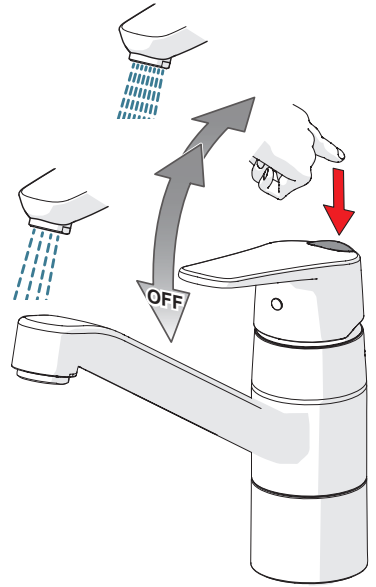
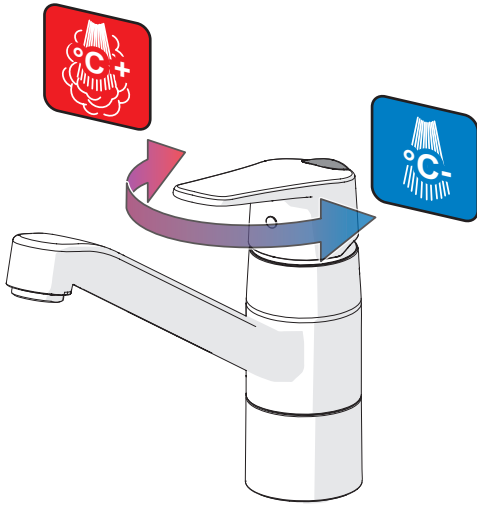


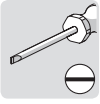
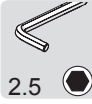
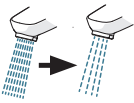
B



C







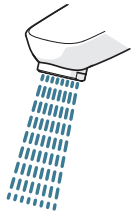
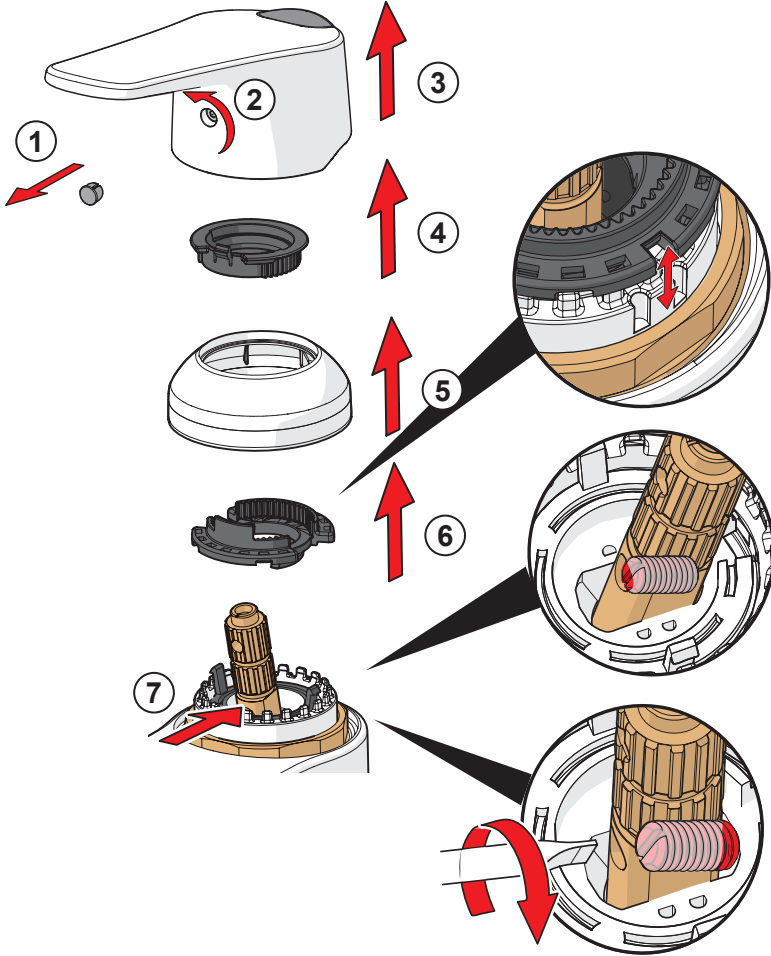
2.5

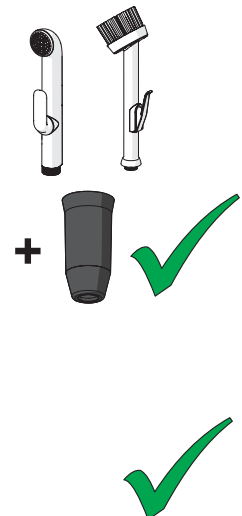
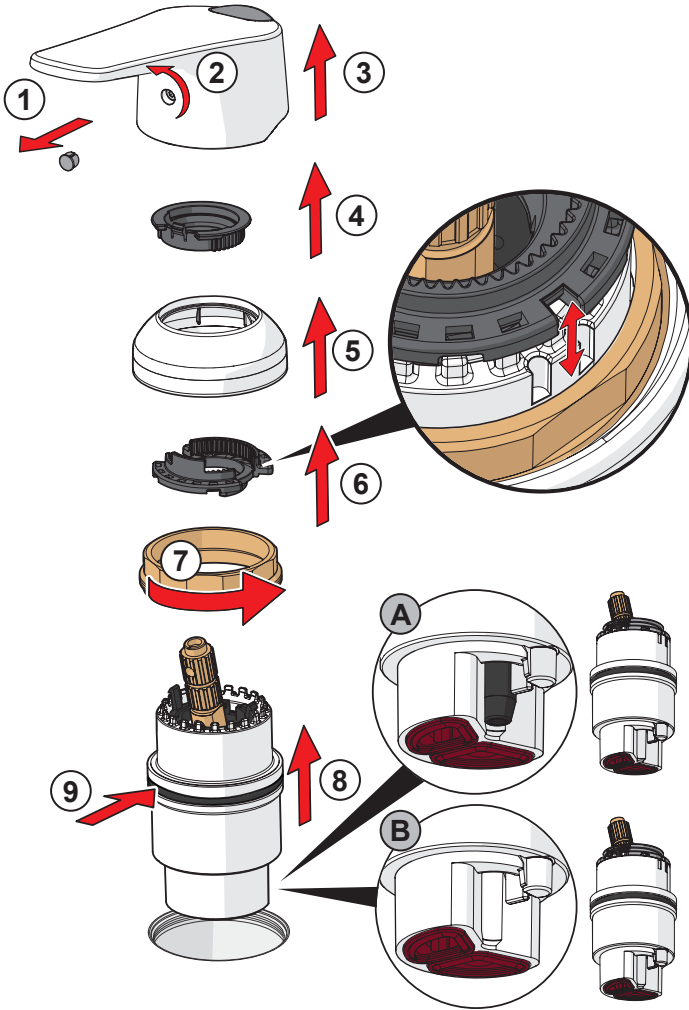
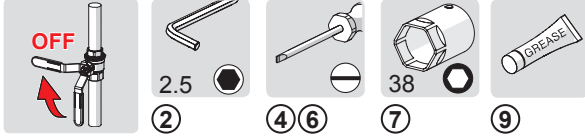
②

③

⑤

⑥







2.5

A1



G1

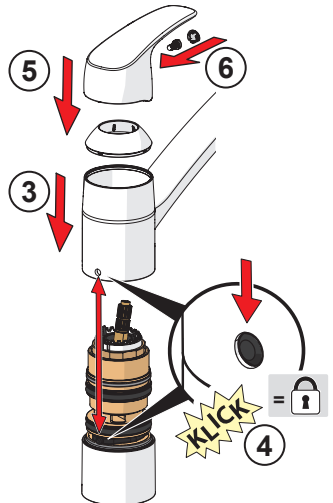
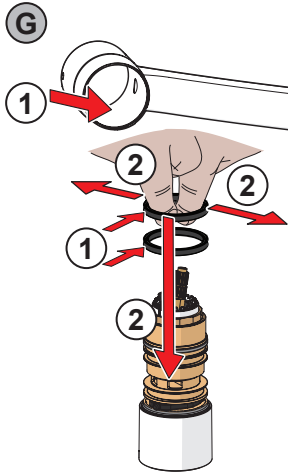
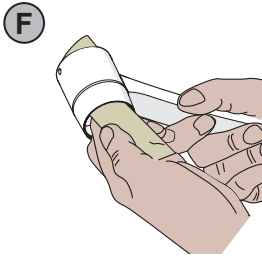
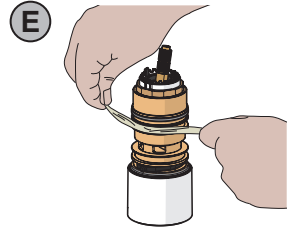
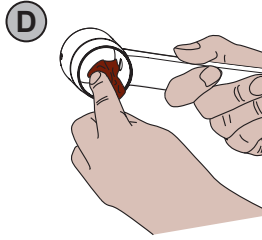
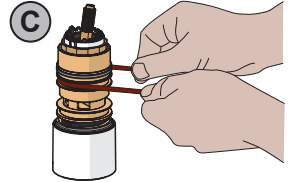
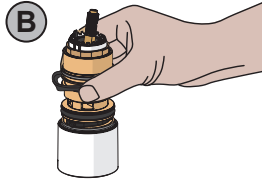
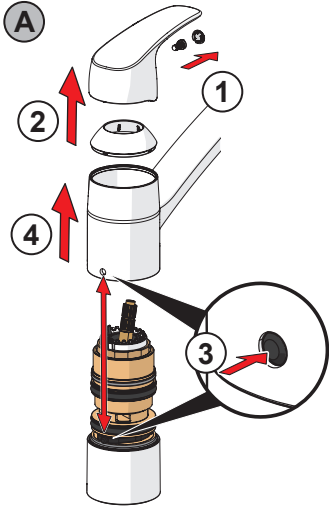


G2

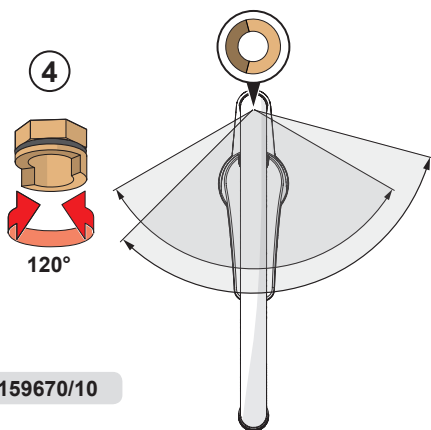
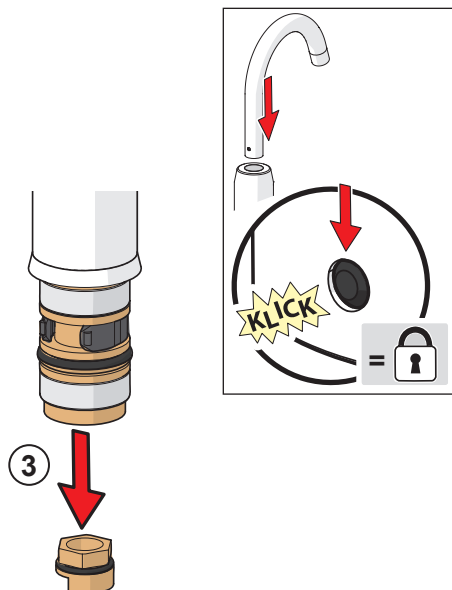
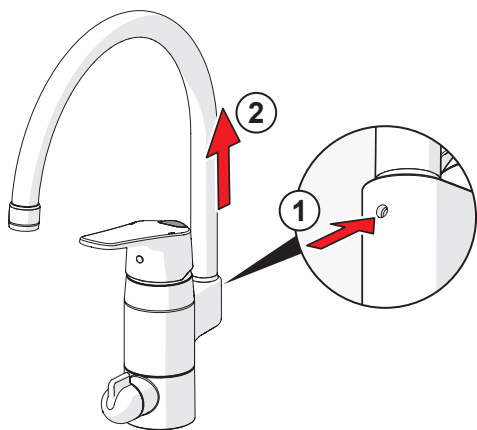
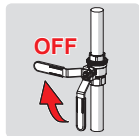


2.5

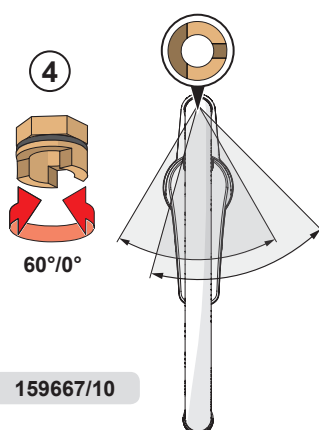
G6



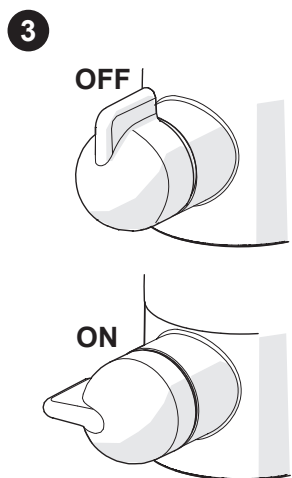
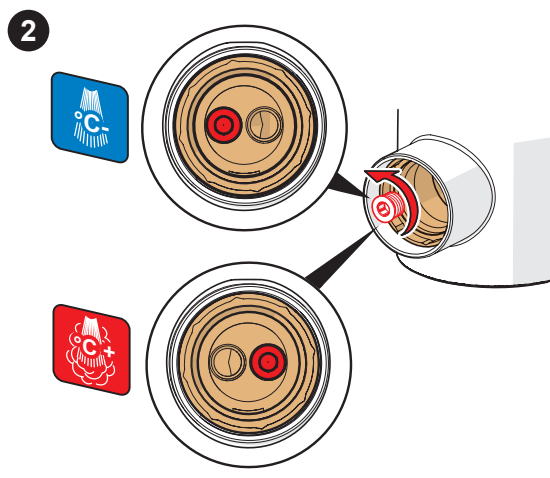
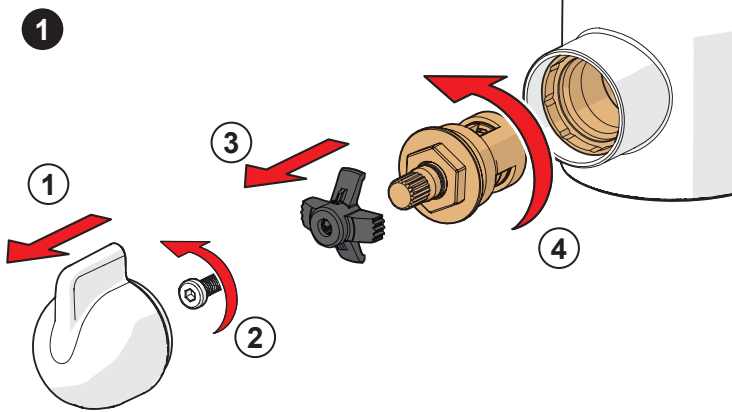
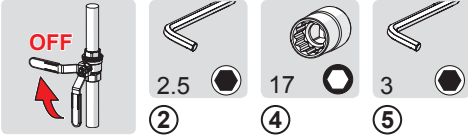
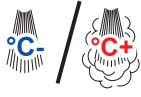


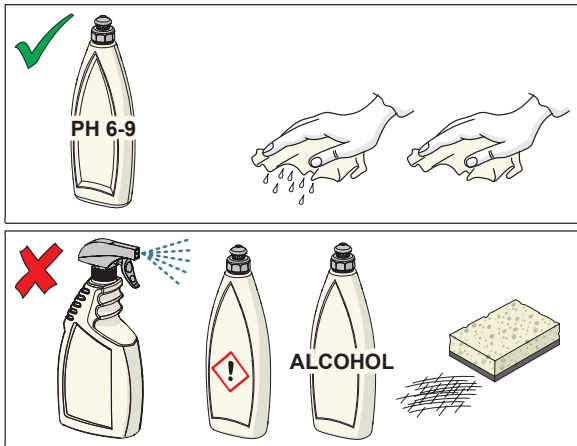
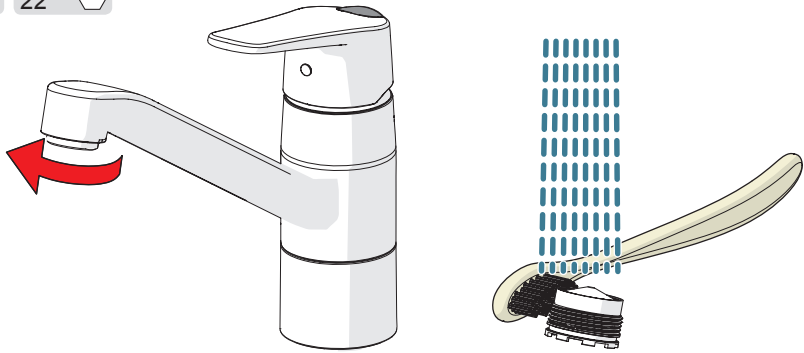
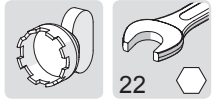


159670/10



159667/10



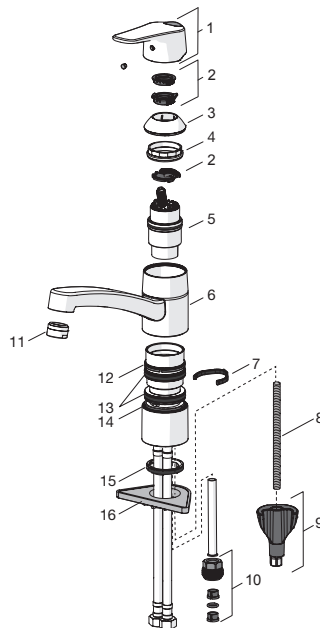


CLEANING.ORAS.COM



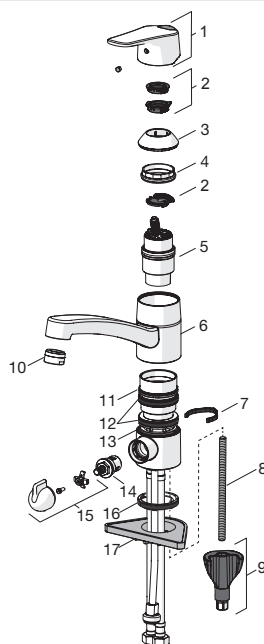
### 1820FG, 1820G, 1820FGG, 1828G

- 1 1000935V
- 2 1004821V
- 3 602589V
- 4 158726
- 5 158890
- 6 1005585V
- 7 1002207/10 40° - 80°
- 7 1001406/10 120°
- 8 1000780V
- 9 602610V
- 10 159684
- 11 232211
- 12 601097/10
- 13 158735
- 14 159423/10
- 15 1002371V
- 16 158825



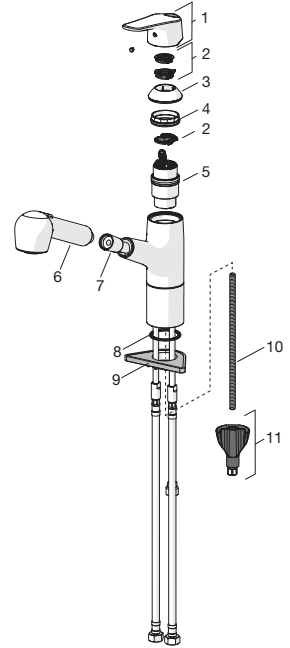
### 1825FG, 1825G, 1825FGG, 1829G

- 1 1000935V
- 2 1004821V
- 3 602589V
- 4 158726
- 5 158890
- 6 1005585V
- 7 1002207/10 40° - 80°
- 7 1001406/10 120°
- 8 1000780V
- 9 602a610V
- 10 232211
- 11 601097/10
- 12 158735
- 13 159423/10
- 14 602600V
- 15 1005697V
- 16 1002371V
- 17 158825



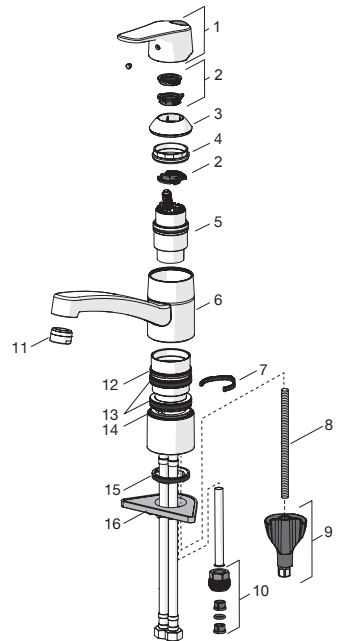
### 1832FG

- 1 1000935V
- 2 1004821V
- 3 602589V
- 4 158726
- 5 158890
- 6 126010
- 7 600533V
- 8 159431/10
- 9 158825
- 10 1000780V
- 11 602610V



### 1821FG

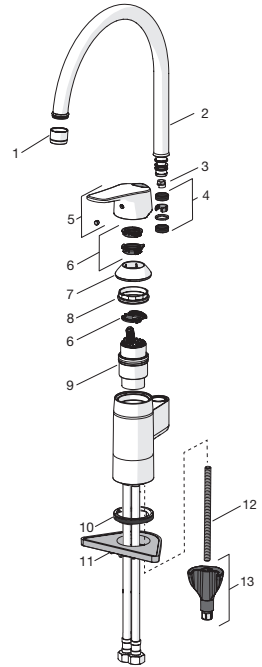
- 1 1000935V
- 2 1004821V
- 3 602589V
- 4 158726
- 5 158783V
- 6 1005585V
- 7 1002207/10     40° - 80°
- 7 1001406/10     120°
- 8 1000780V
- 9 602610V
- 10 159684
- 11 158556
- 12 601097/10
- 13 158735
- 14 159423/10
- 15 1002371V
- 16 158825





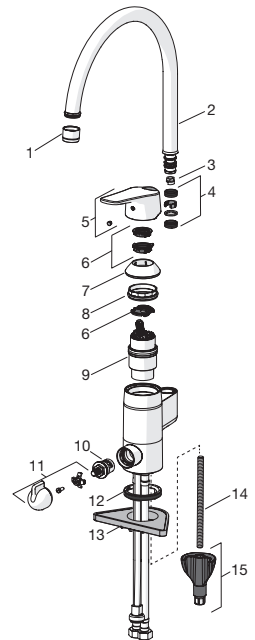
### 1838FG, 1838FGG

- 1 232201
- 2 159695V
- 3 159667/10      60°/0°
- 3 159670/10      120°
- 3 159667V          60°/0°
- 4 159499
- 5 1000935V
- 6 1004821V
- 7 602589V
- 8 158726
- 9 158890
- 10 1002371V
- 11 158825
- 12 1000780V
- 13 602610V



### 1839FG, 1839FGG

- 1 232201
- 2 159695V
- 3 159667/10      60°/0°
- 3 159670/10      120°
- 3 159667V          60°/0°
- 4 159499
- 5 1000935V
- 6 1004821V
- 7 602589V
- 8 158726
- 9 158890
- 10 602600V
- 11 1005697V
- 12 1002371V
- 13 158825
- 14 1000780V
- 15 602610V





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 head office of the Group is located in Rauma, Finland, and the Group has three manufacturing sites: Kralovice (Czech Republic), Olesno (Poland) and Rauma (Finland). Oras Group employs approximately 1400 people in twenty countries. Oras Group is owned by Oras Invest, a family company and an industrial owner.

ORAS GROUP

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

