



Oras Vega

Installation and maintenance guide





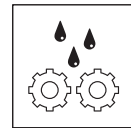
4-8



9-12



13



14-17

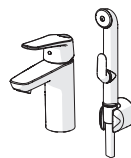
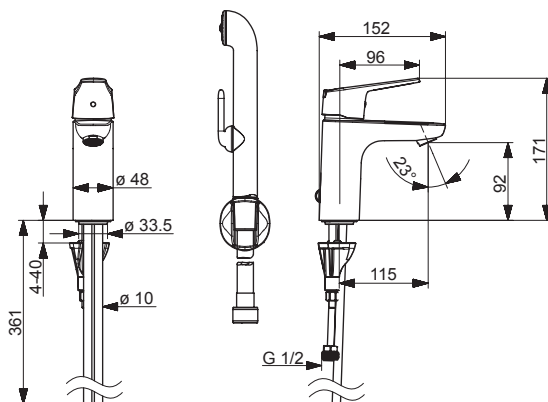


18-19



1801G

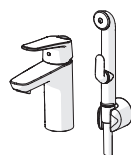
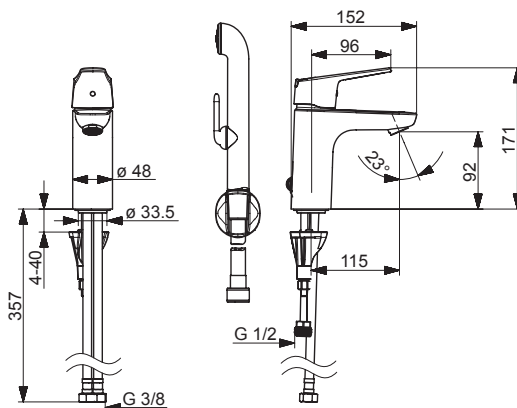
I (ISO 3822)
EN 817
50 - 1000 kPa
0.14 l/s (Eco)
0.21 l/s (300 kPa)
155 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1801G

1801FG

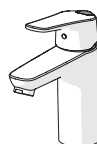
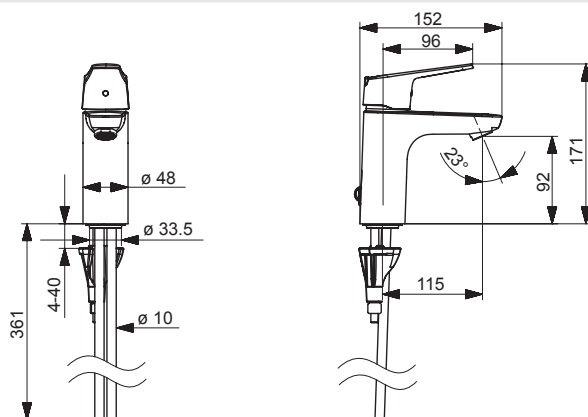
I (ISO 3822)
EN 817
50 - 1000 kPa
0.11 l/s (Eco)
0.14 l/s (300 kPa)
180 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1801FG

1811G

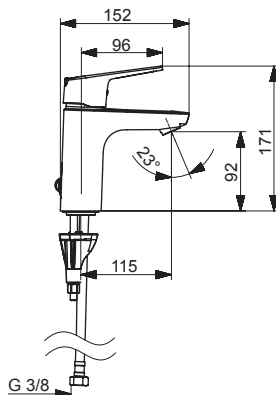
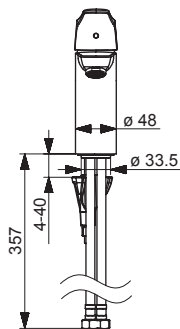
I (ISO 3822)
EN 817
50 - 1000 kPa
0.14 l/s (Eco)
0.21 l/s (300 kPa)
70 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1811G

1811FG , 1811FGG

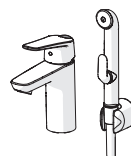
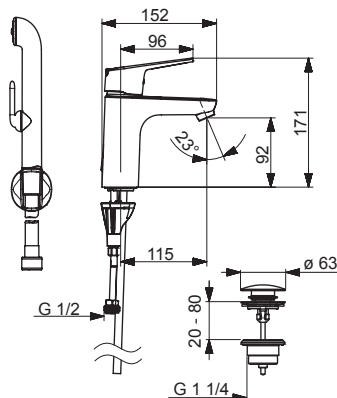
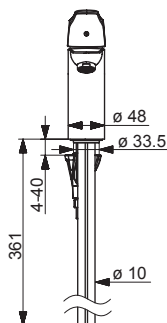
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.11 l/s (Eco)
 0.18 l/s (300 kPa)
 95 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1811FG

1802G

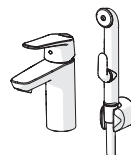
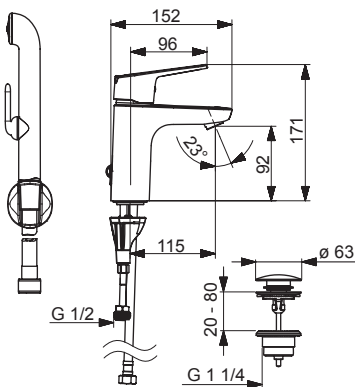
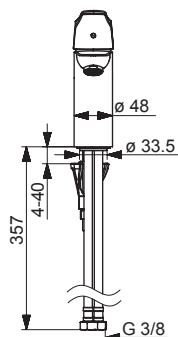
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.11 l/s (Eco)
 0.15 l/s (300 kPa)
 130 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1802G

1802FG

I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.09 l/s (Eco)
 0.13 l/s (300 kPa)
 180 kPa (0.1 l/s)
 max. +80°C

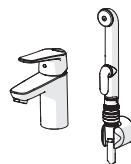
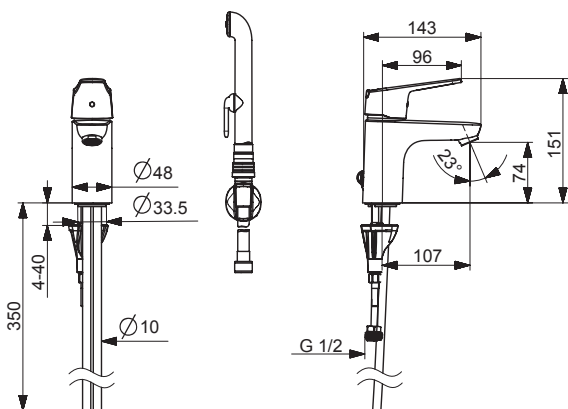


mpi.oras.com/1802FG



1812GM

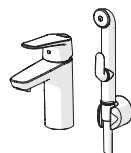
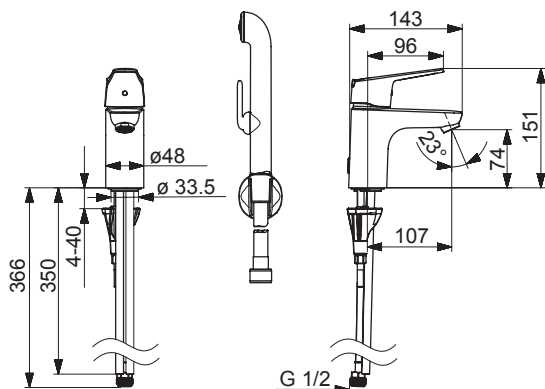
I (ISO 3822)
EN 817
50 - 1000 kPa
0.11 l/s (Eco)
0.15 l/s (300 kPa)
130 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1812GM

1812AG

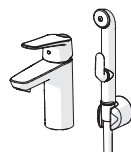
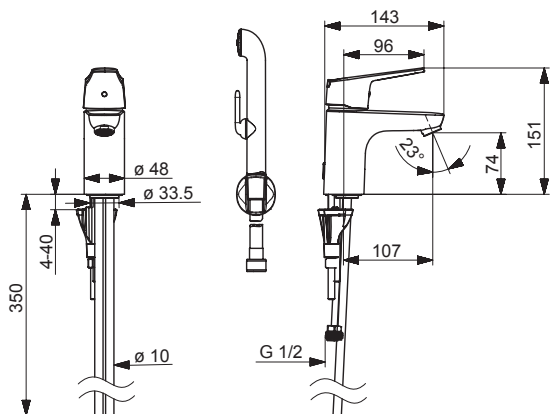
I (ISO 3822)
EN 817
50 - 1000 kPa
0.11 l/s (Eco)
0.15 l/s (300 kPa)
130 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1812AG

1812G

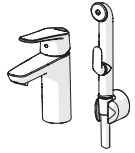
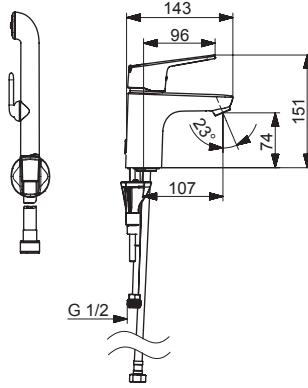
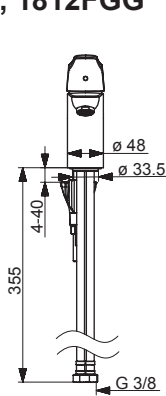
I (ISO 3822)
EN 817
50 - 1000 kPa
0.11 l/s (Eco)
0.15 l/s (300 kPa)
130 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1812G

1812FG , 1812FG-33 , 1812FGG

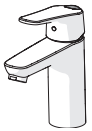
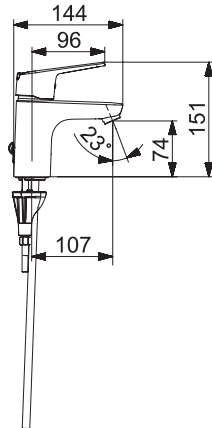
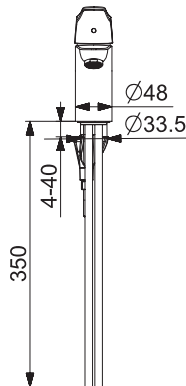
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.09 l/s (Eco)
 0.13 l/s (300 kPa)
 195 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1812FG

1810G , 1810GK

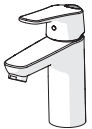
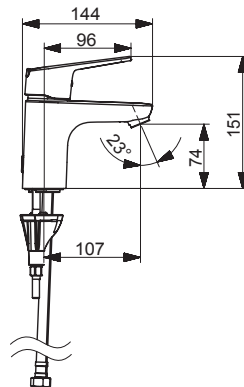
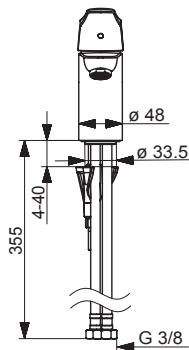
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.14 l/s (Eco)
 0.21 l/s (300 kPa)
 70 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1810G

1810FG , 1810FG-33 , 1810FGG

I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.11 l/s (Eco)
 0.18 l/s (300 kPa)
 110 kPa (0.1 l/s)
 max. +80°C

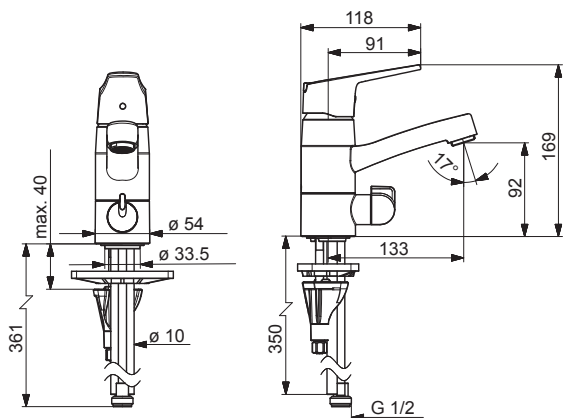


mpi.oras.com/1810FG



1813G

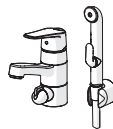
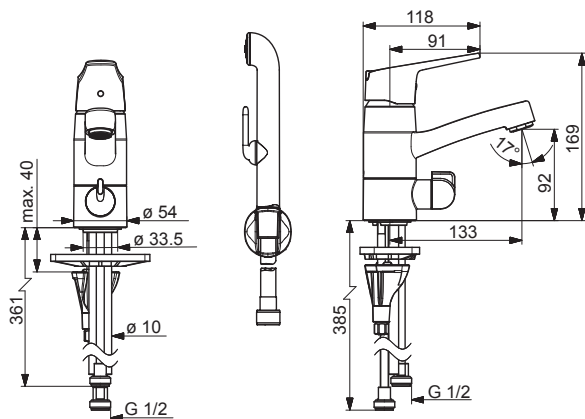
I (ISO 3822)
EN 817
50 - 1000 kPa
0.15 l/s (Eco)
0.2 l/s (300 kPa)
75 kPa (0.1 l/s)
max. +80°C



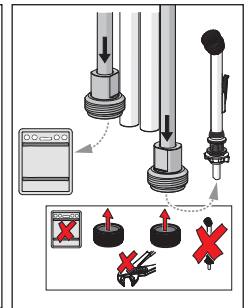
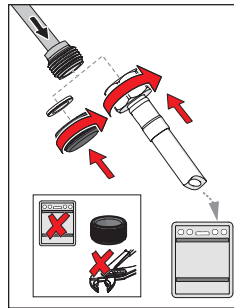
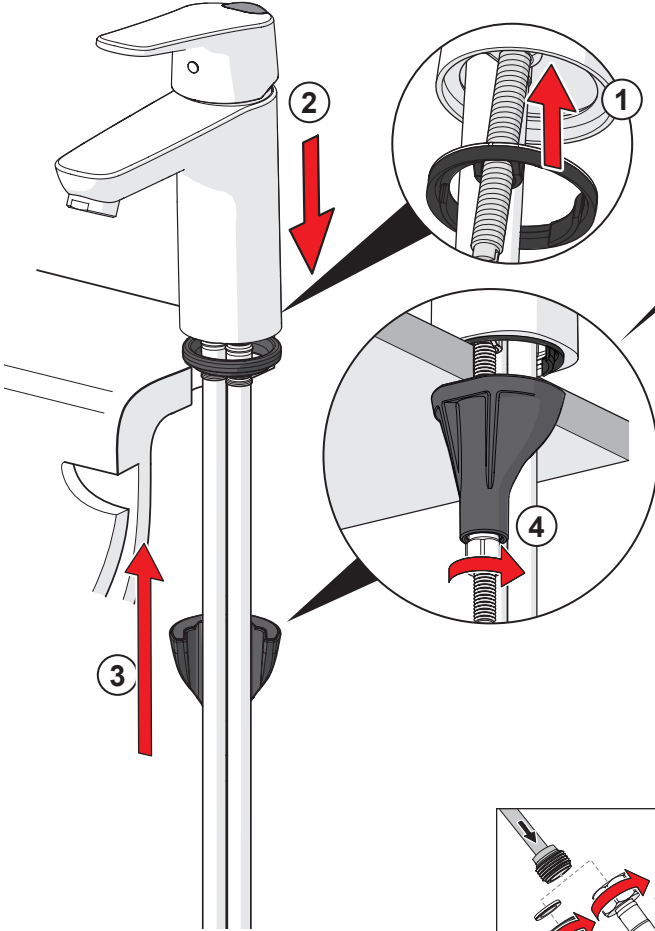
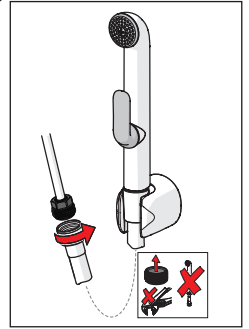
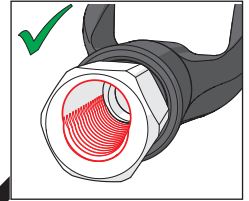
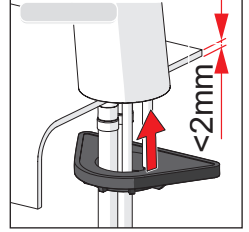
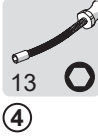
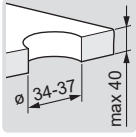
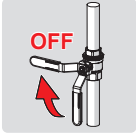
mpi.oras.com/1813G

1814G

I (ISO 3822)
EN 817
50 - 1000 kPa
0.12 l/s (Eco)
0.15 l/s (300 kPa)
130 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1814G

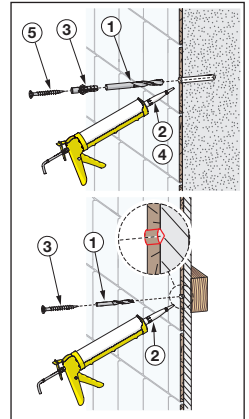
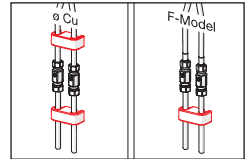
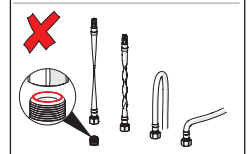
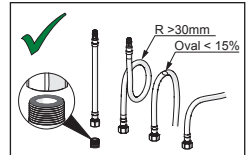
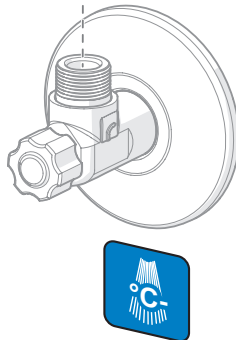
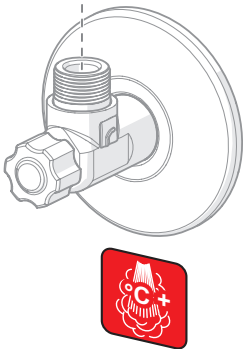
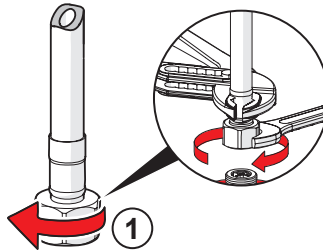
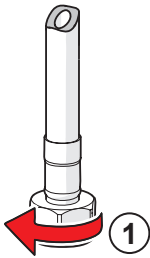




①

max.
1600 kPa

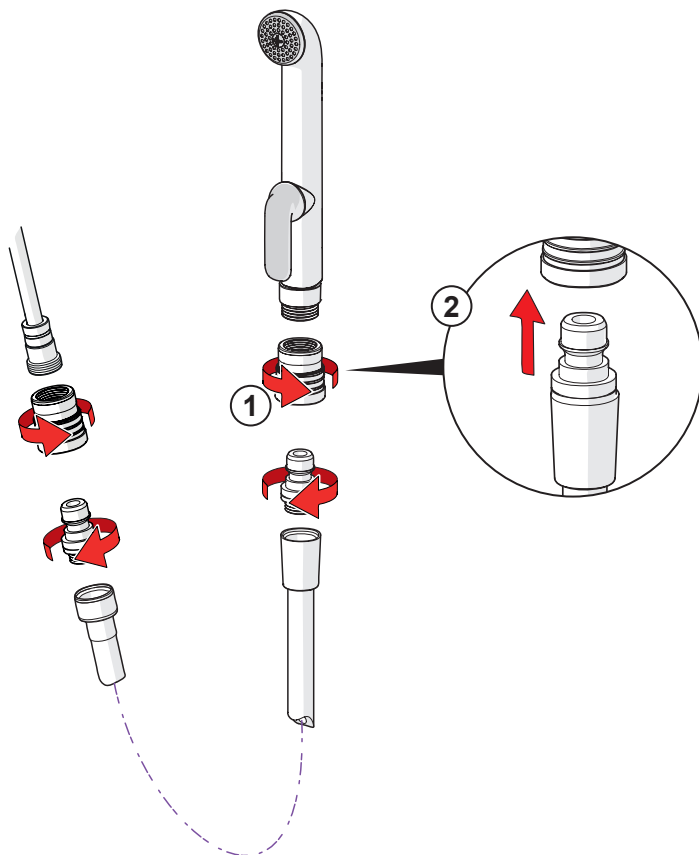
②





① ②

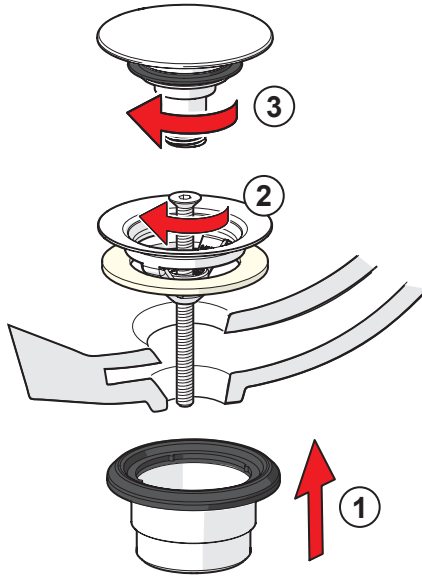
② 1812GM



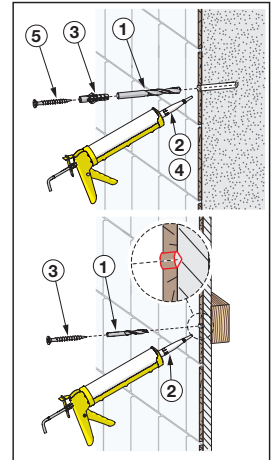
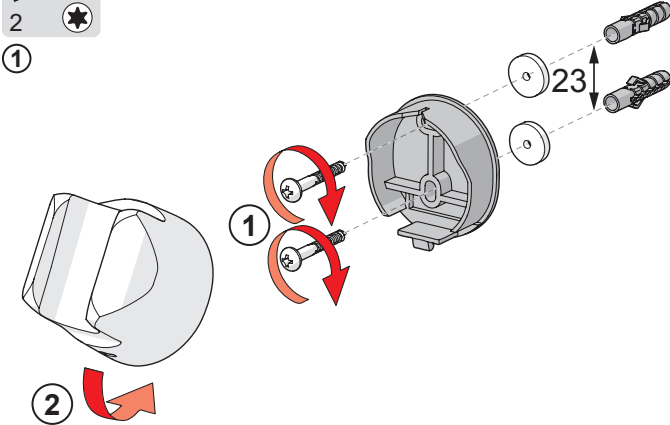


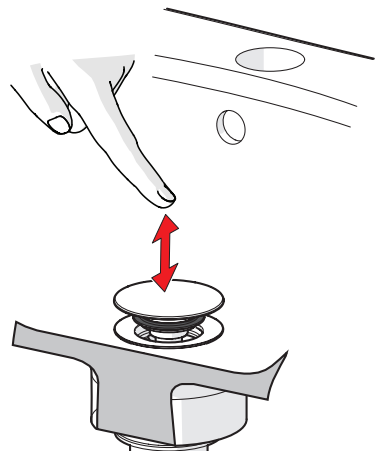
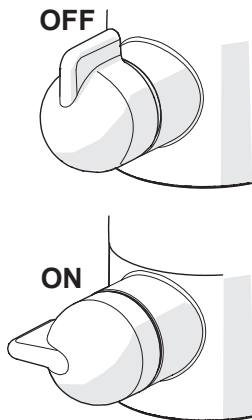
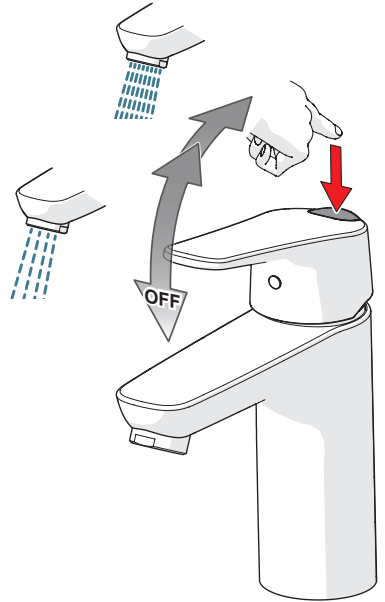
① ③

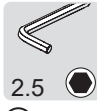
②



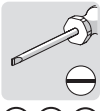
①



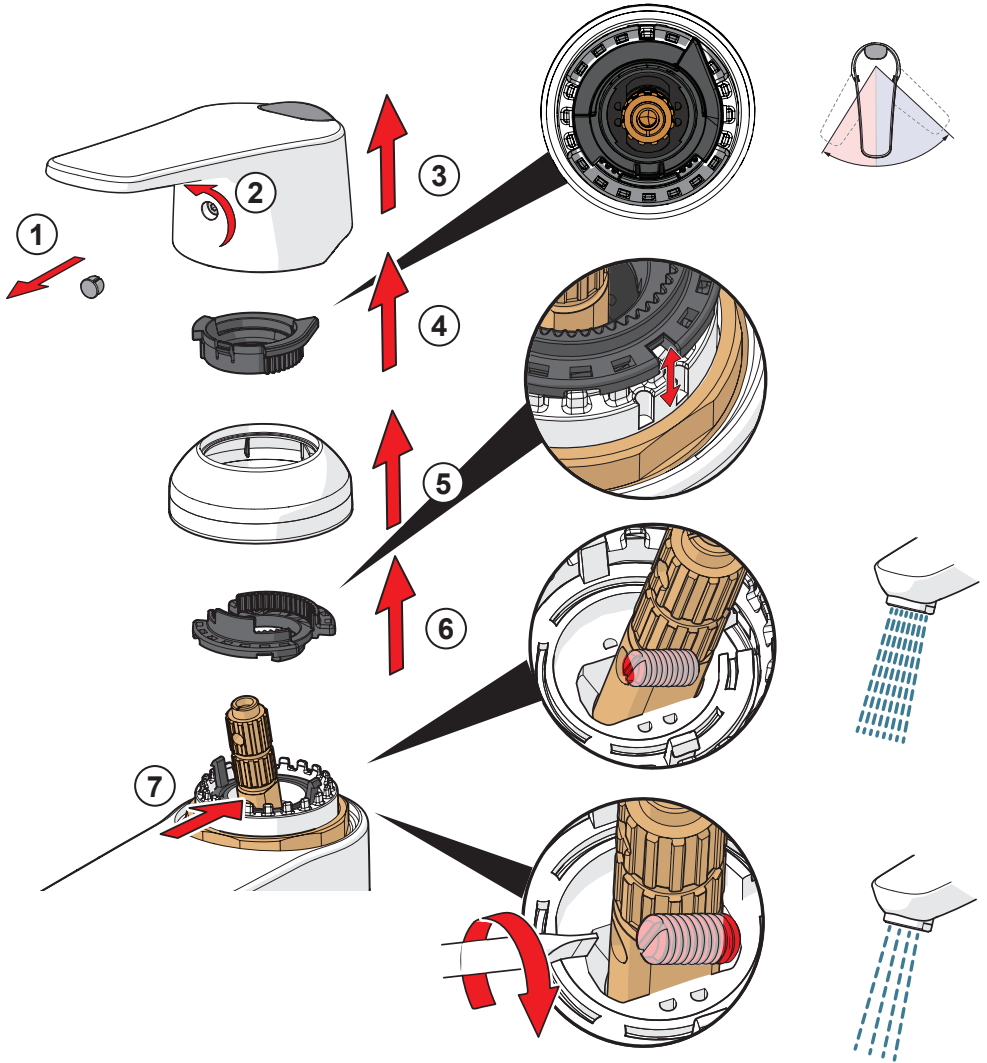


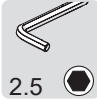


②

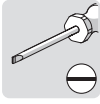


③ ⑤ ⑥

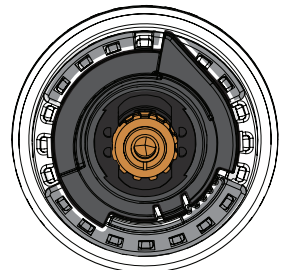
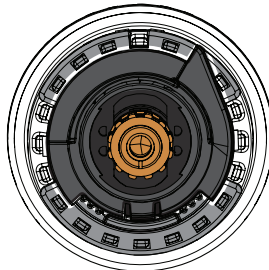
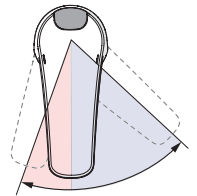
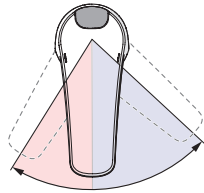
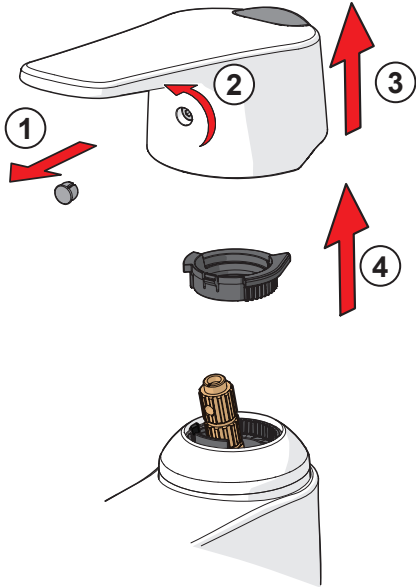


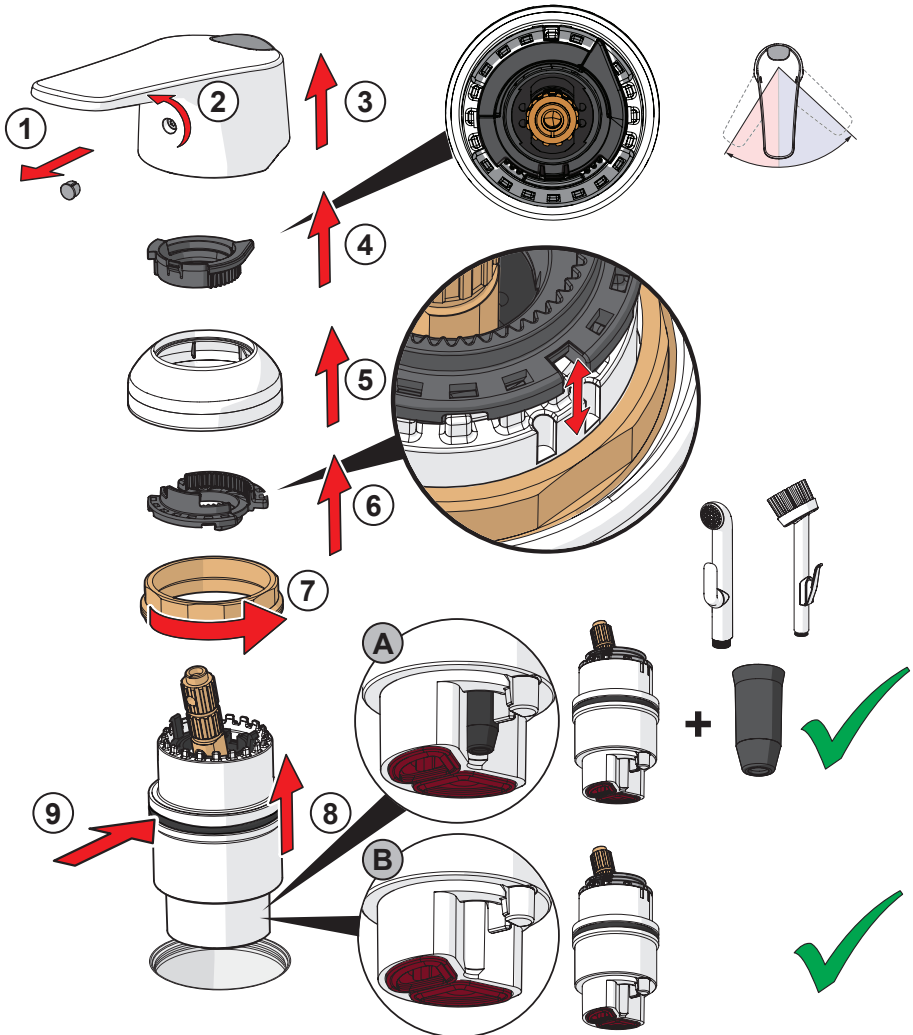
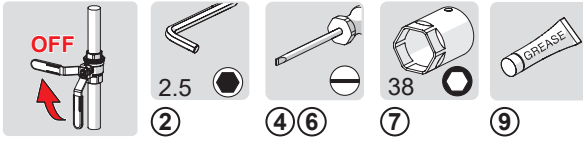


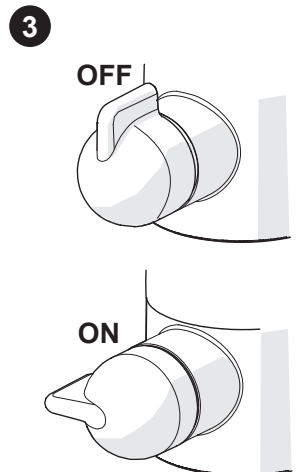
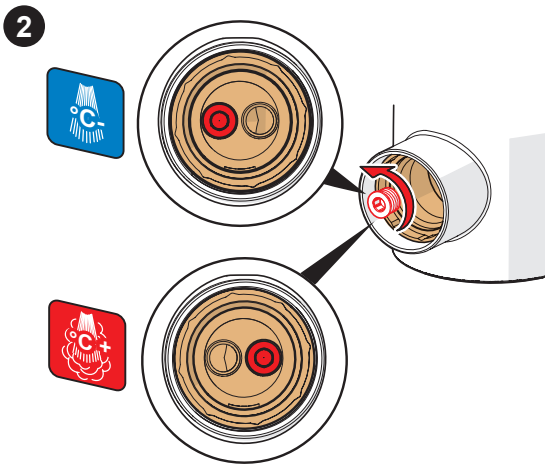
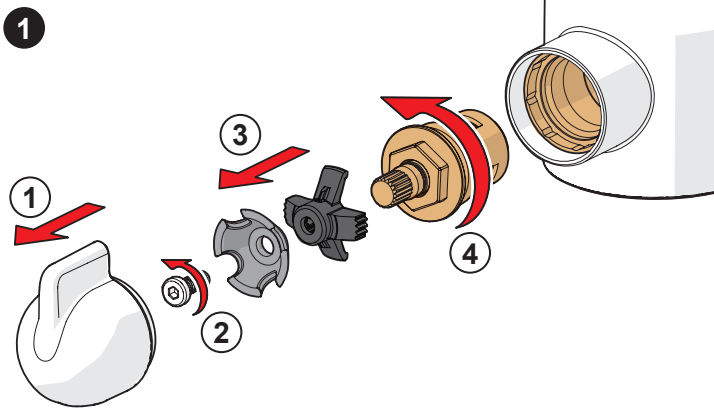
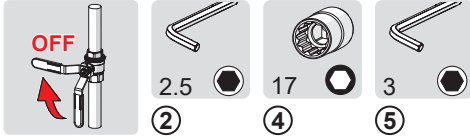
②

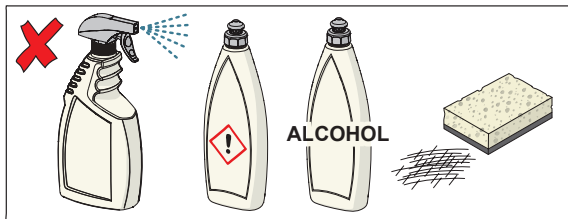
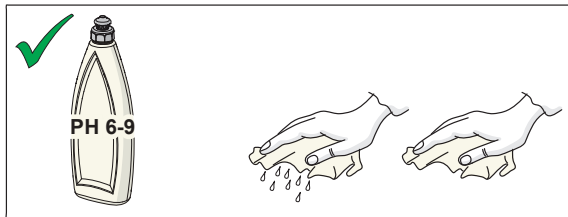
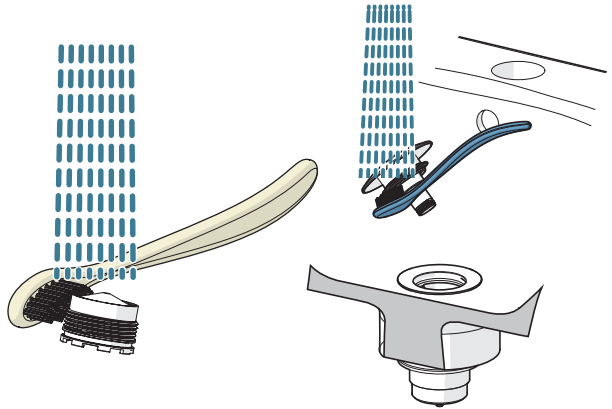
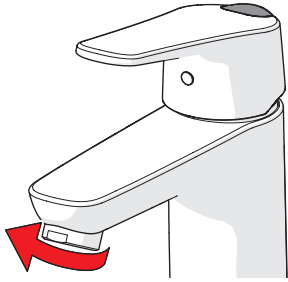
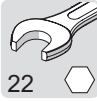
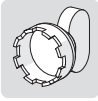


④



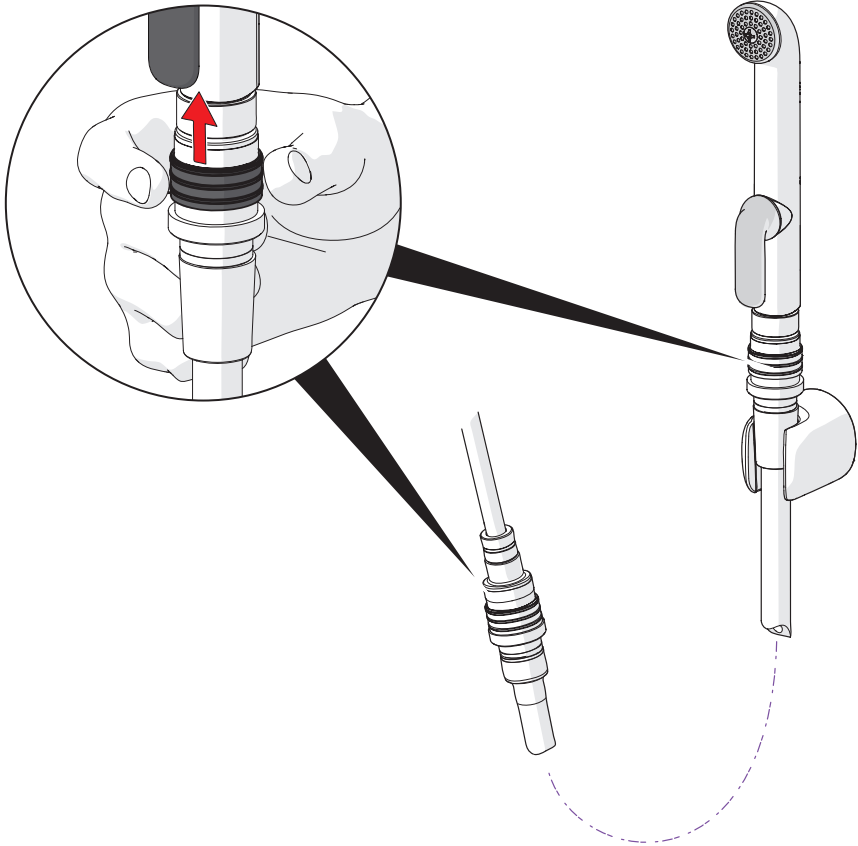






cleaning.oras.com

1812GM



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



943404-02-21