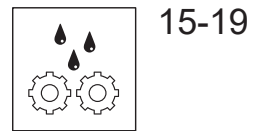
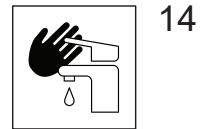




Oras

Installation and maintenance guide





1030FS, -104, -105, -107

I (ISO 3822) Oras lab.

EN 817

50 - 1000 kPa

0.25 l/s (300 kPa)

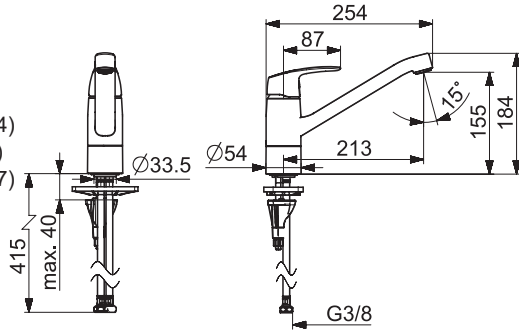
0.056 l/s (300 kPa w/Controller) (-104)

0.07 l/s (300 kPa w/Controller) (-105)

0.125 l/s (300 kPa w/Controller) (-107)

195 kPa (0.2 l/s)

max. +70°C



mpi.oras.com/1030FS

1035FS, -104, -105

I (ISO 3822) Oras lab.

EN 817

50 - 1000 kPa

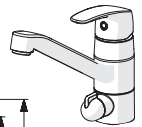
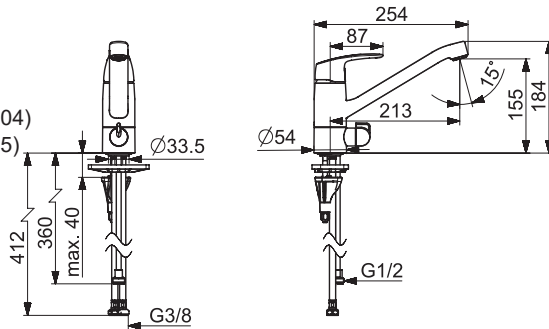
0.25 l/s (300 kPa)

0.056 l/s (300 kPa w/Controller) (-104)

0.07 l/s (300 kPa w/Controller) (-105)

195 kPa (0.2 l/s)

max. +70°C



mpi.oras.com/1035FS

1022S

I (ISO 3822)

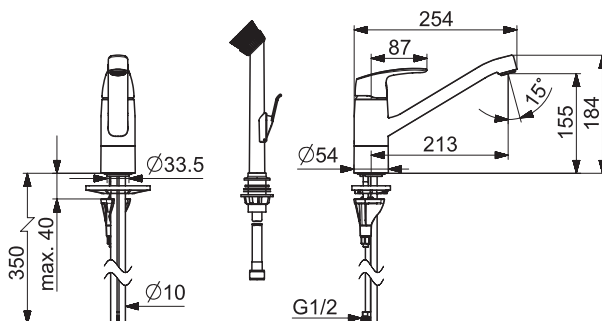
EN 817

50 - 1000 kPa

0.17 l/s (300 kPa)

196 kPa (0.2 l/s)

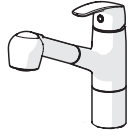
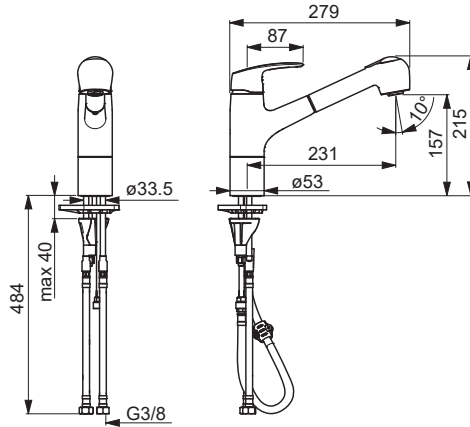
max. +80°C



mpi.oras.com/1022S

1032F

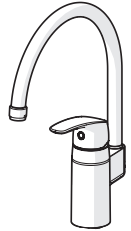
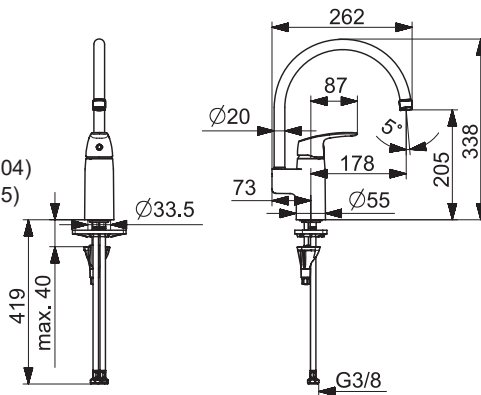
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.16 l/s (300 kPa)
 120 kPa (0.1 l/s)
 max. +70°C



mpi.oras.com/1032F

1038F, -104, -105

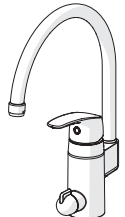
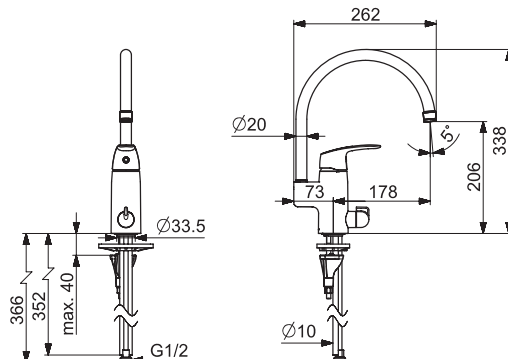
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.23 l/s (300 kPa)
 0.056 l/s (300 kPa w/Controller) (-104)
 0.07 l/s (300 kPa w/Controller) (-105)
 240 kPa (0.2 l/s)
 max. +70°C



mpi.oras.com/1038F

1039

I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.27 l/s (300 kPa)
 160 kPa (0.2 l/s)
 max. +80°C

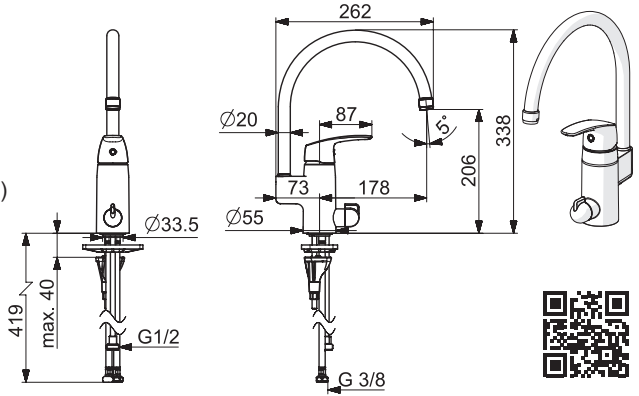


mpi.oras.com/1039



1039F, -104, -105

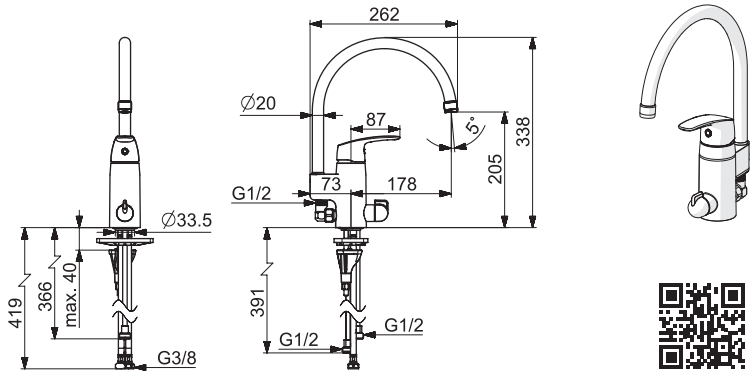
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.23 l/s (300 kPa)
 0.056 l/s (300 kPa w/Controller) (-104)
 0.07 l/s (300 kPa w/Controller) (-105)
 240 kPa (0.2 l/s)
 max. +70°C



mpi.oras.com/1039F

1057F

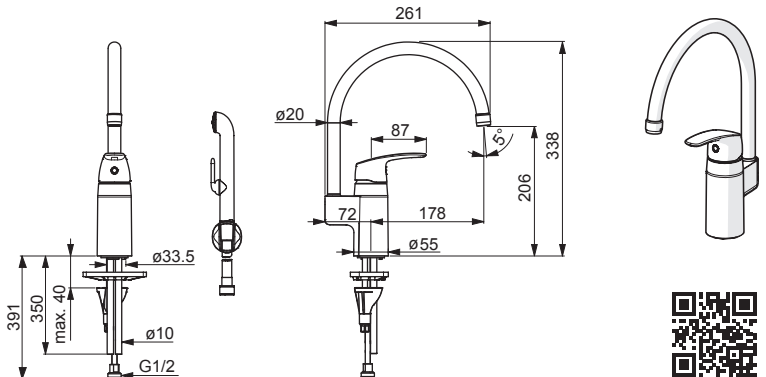
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.23 l/s (300 kPa)
 240 kPa (0.2 l/s)
 max. +70°C



mpi.oras.com/1057F

1033

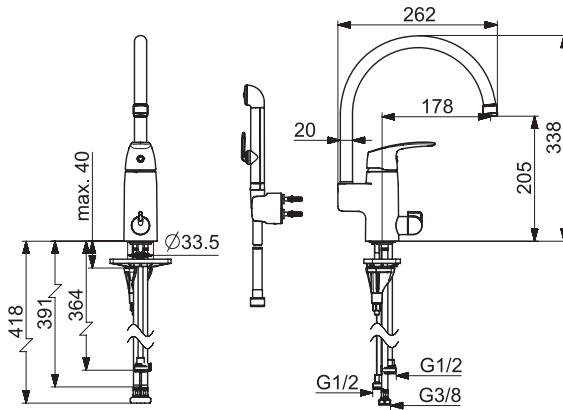
I (ISO 3822)
 EN 817, EN 1113
 50 - 1000 kPa
 0.16 l/s (300 kPa)
 110 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1033

1034F

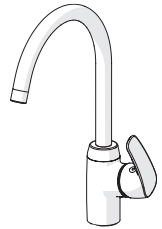
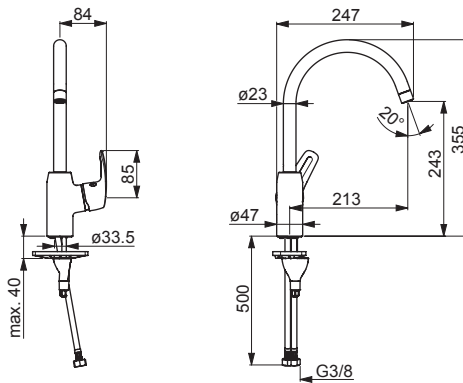
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.14 l/s (300 kPa)
 160 kPa (0.2 l/s)
 max. +70°C



mpi.oras.com/1034F

1028F

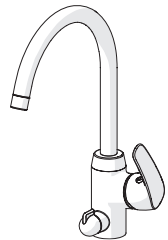
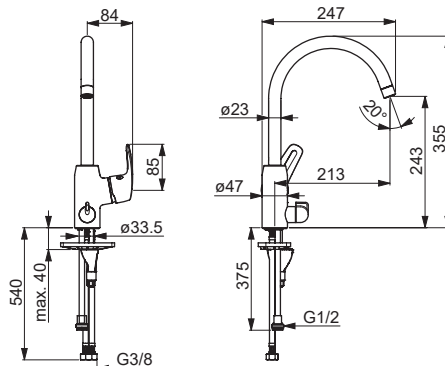
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.21 l/s (300 kPa)
 270 kPa (0.2 l/s)
 max. +70°C



mpi.oras.com/1028F

1029F

I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.19 l/s (300 kPa)
 166 kPa (0.2 l/s)
 max. +70°C

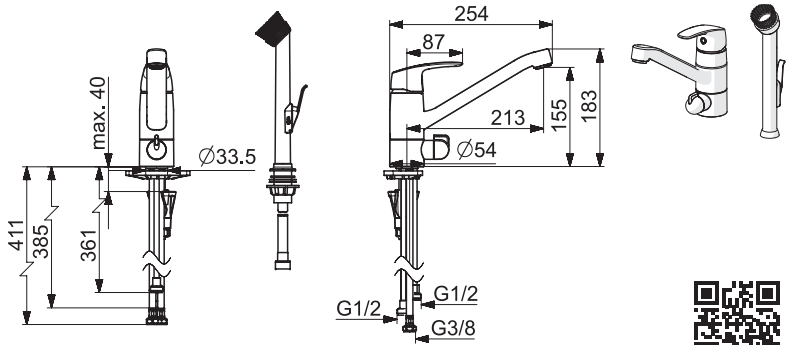


mpi.oras.com/1029F

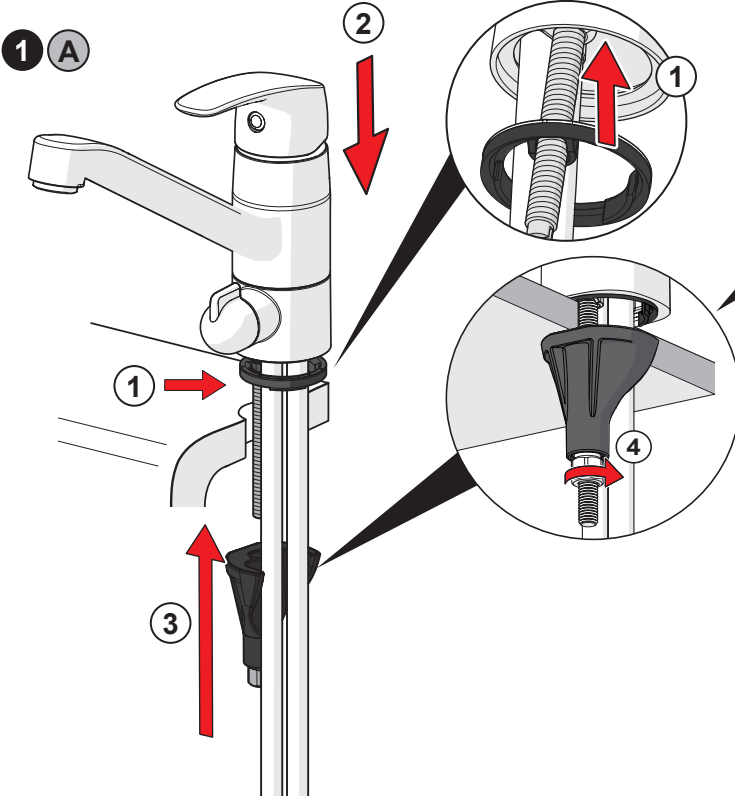
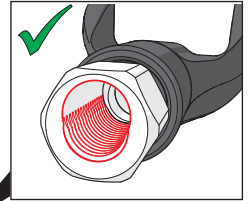
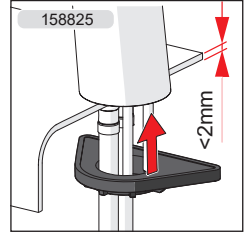
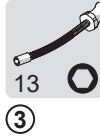
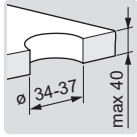
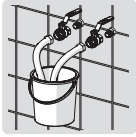
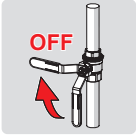


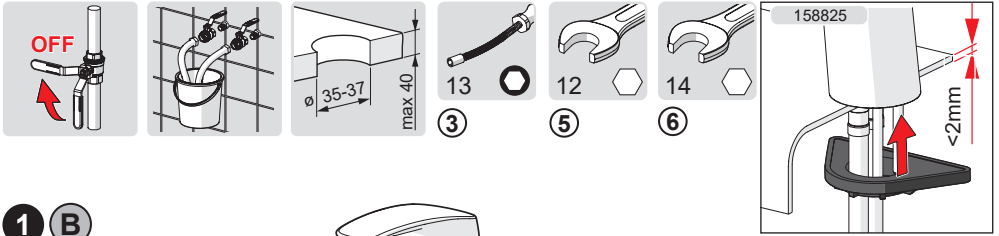
1027FS

I (ISO 3822)
EN 817
50 - 1000 kPa
0.14 l/s (300 kPa)
160 kPa (0.2 l/s)
max. +70°C

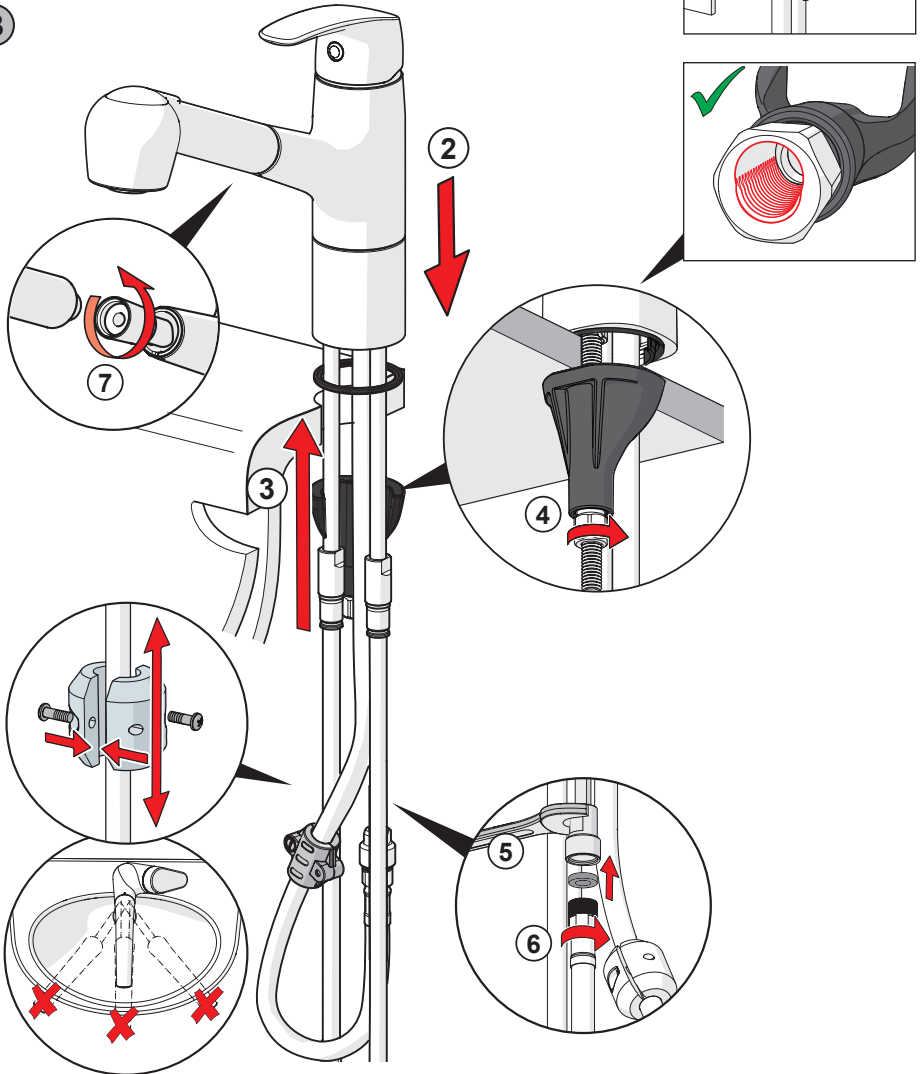


mpi.oras.com/1027FS





1 B

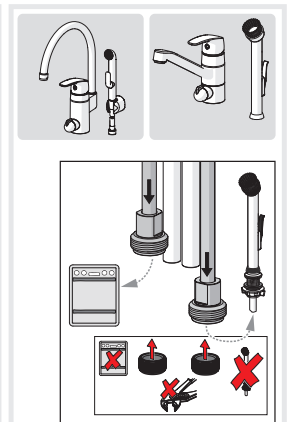
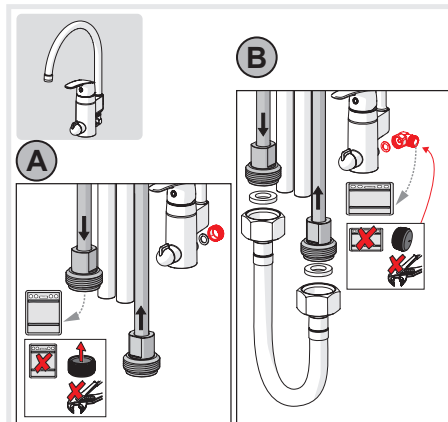
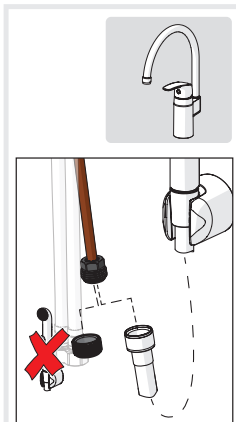
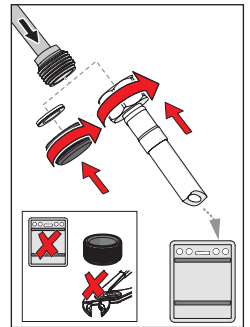
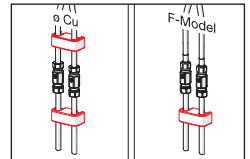
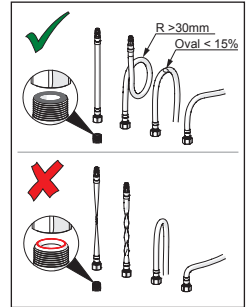
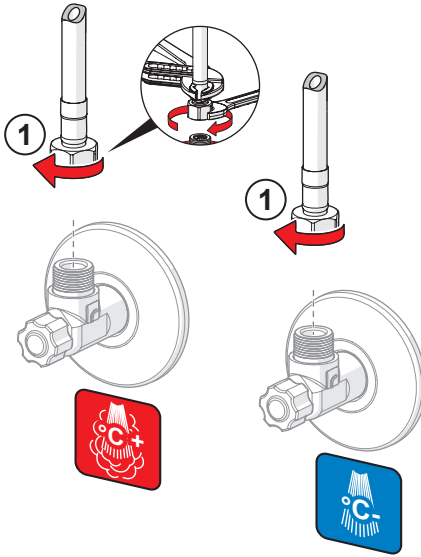


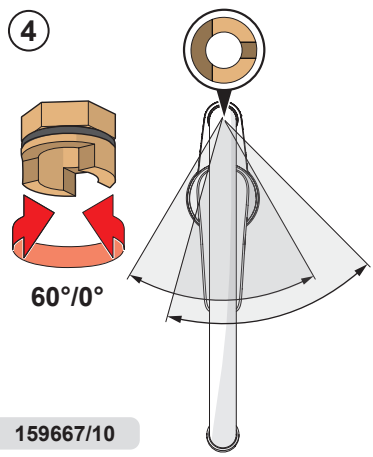
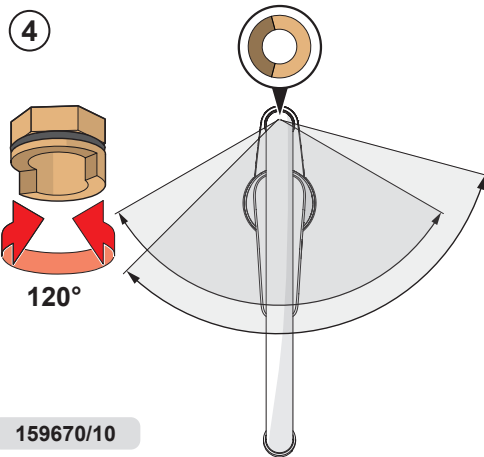
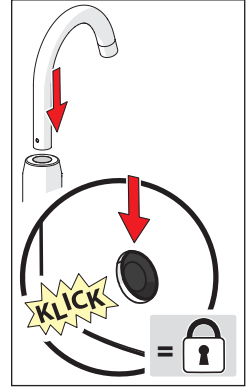
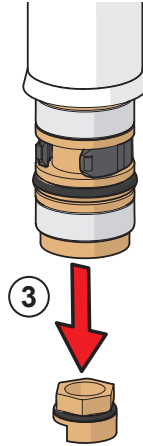
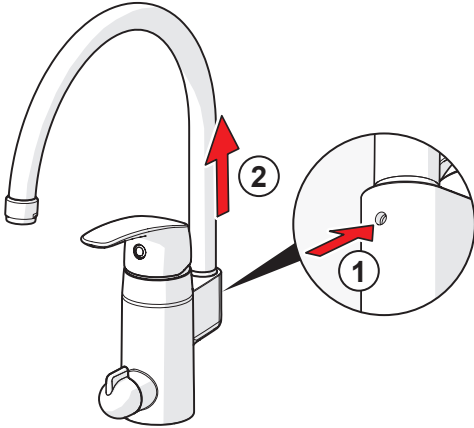
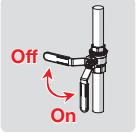


①

max.
1600 kPa

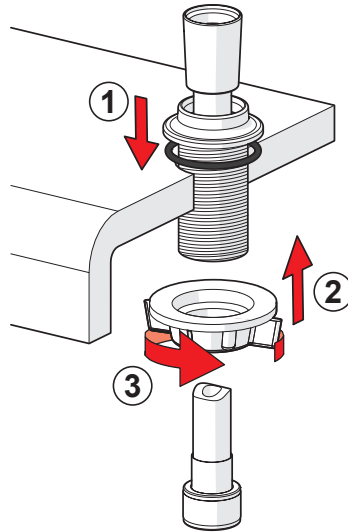
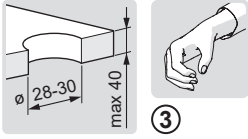
②



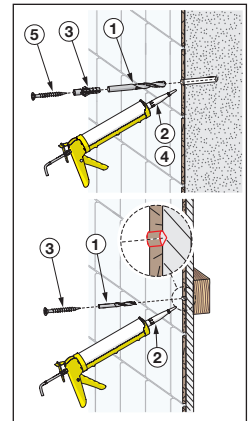
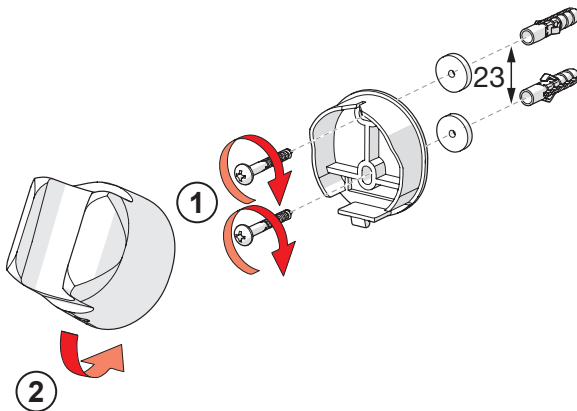


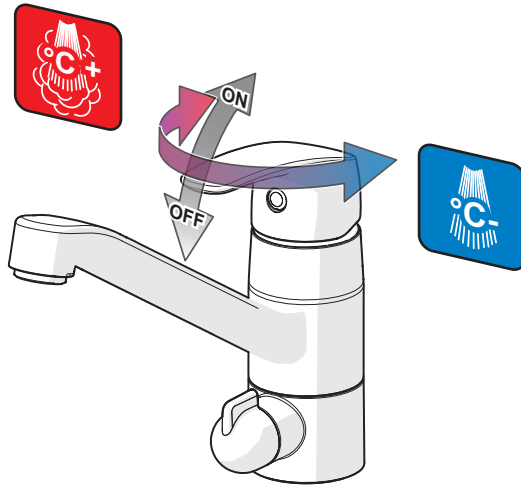
159670/10

159667/10



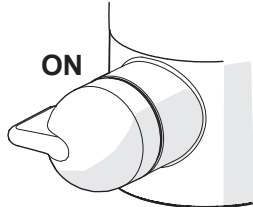
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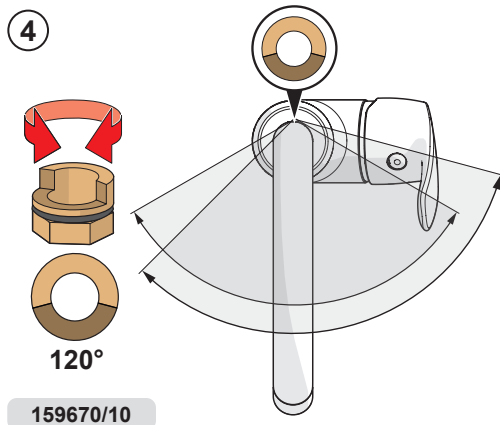
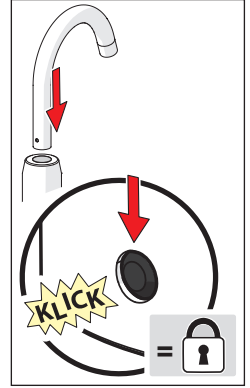
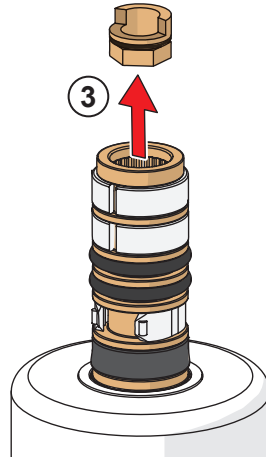
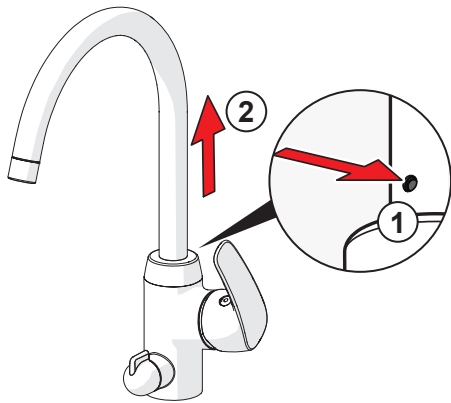
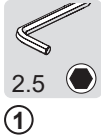




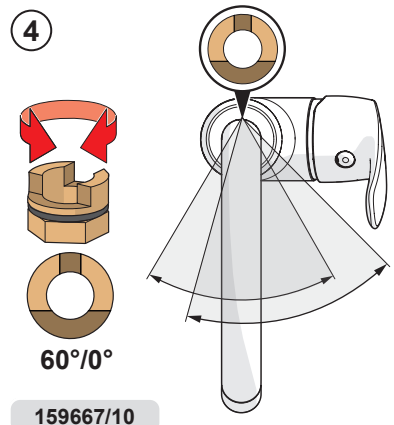
OFF

ON

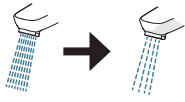




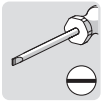
159670/10



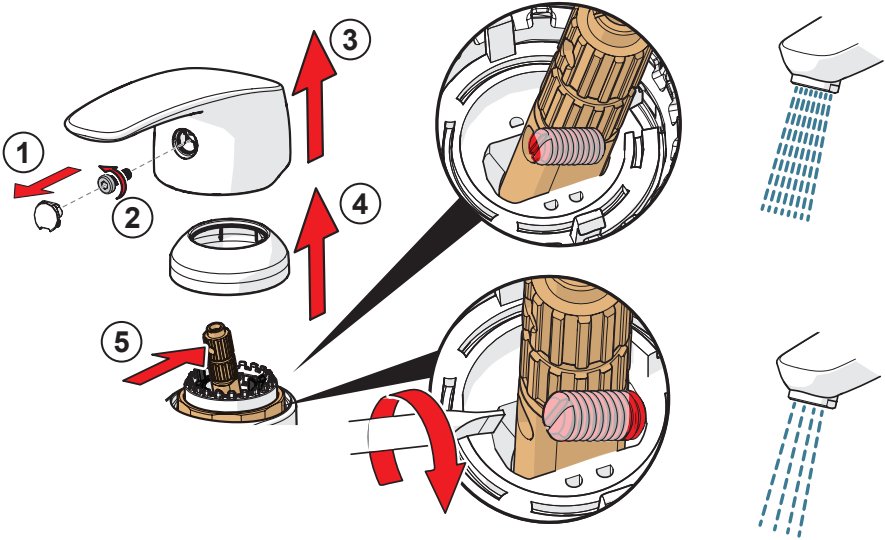
159667/10

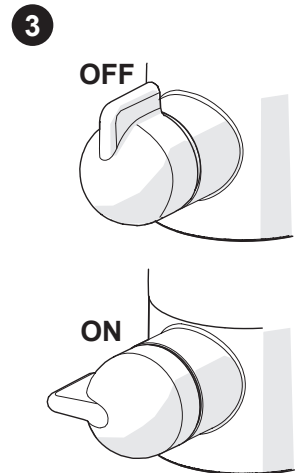
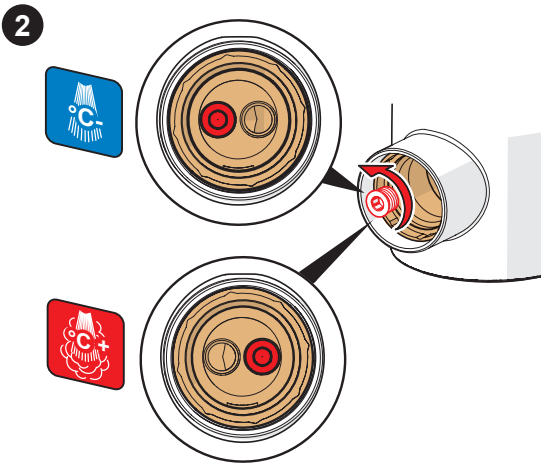
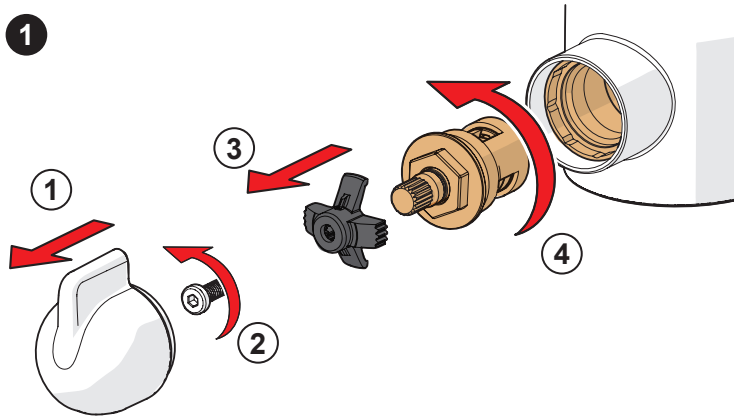
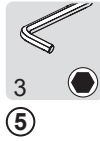
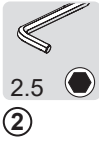
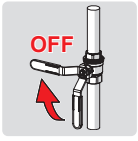


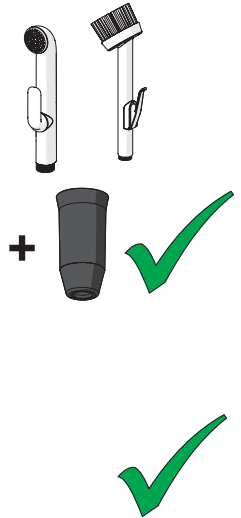
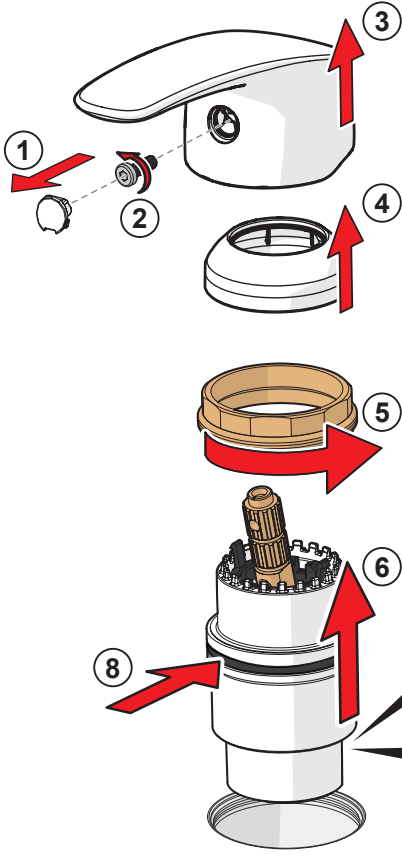
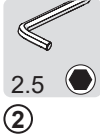
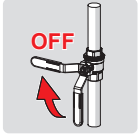
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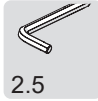


⑤









A1



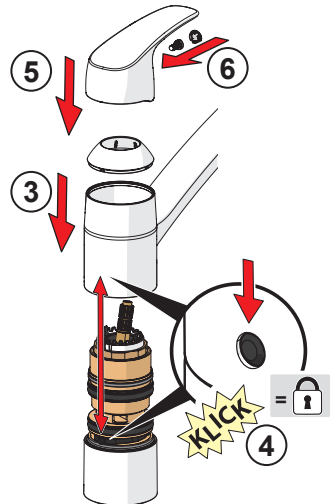
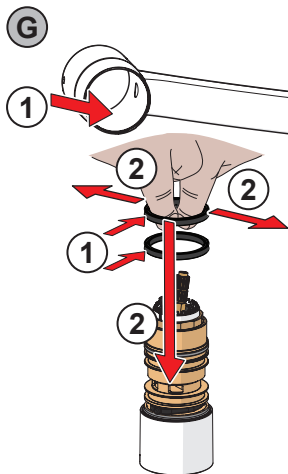
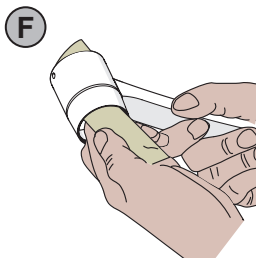
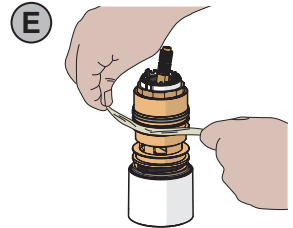
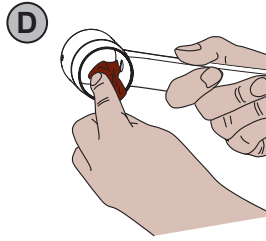
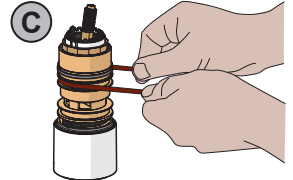
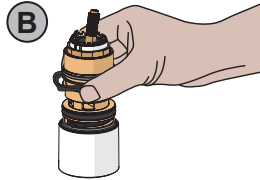
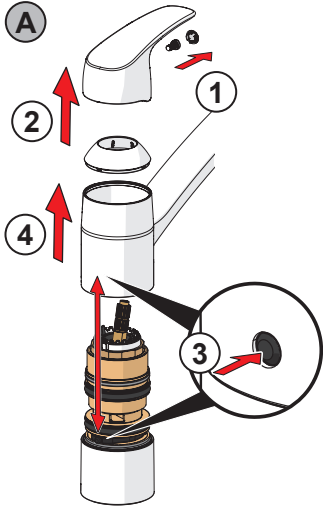
G1

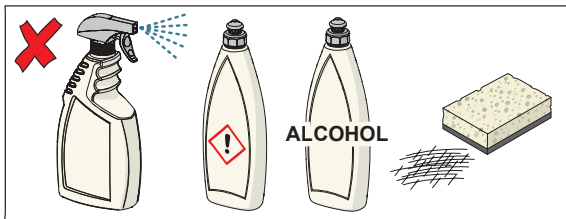
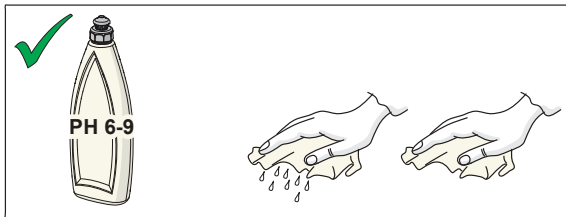
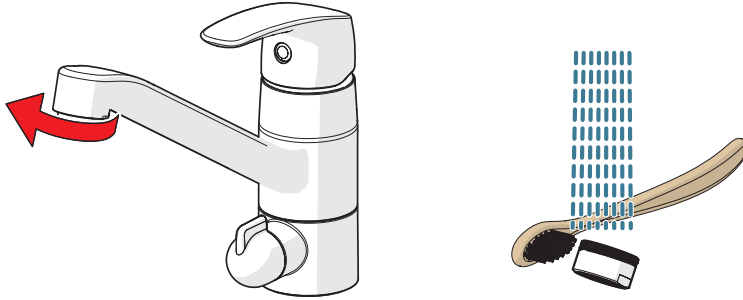


G2



G6





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About Oras Group

Oras Group is a significant European provider of sanitary fittings: the market leader in the Nordics and a leading company in Continental Europe.

The company's mission is to create the smartest water experiences for everyone and its vision is to become the Perfect Flow Company.

The Group has two strong brands, Oras and Hansa. Oras Group is owned by Oras Invest, a family company, and an industrial owner.

The domicile of Oras Ltd, the parent company of the Group, is located in Rauma, Finland, and the Group has three manufacturing sites: Kralovice (Czech Republic), Olesno (Poland) and Rauma (Finland).

The Group operates with its own staff in 17 markets. Oras Group's net sales were 233.5 million euros in 2021 and at the end of the period the company employed 1255 people.

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