



Oras

Installation and maintenance guide



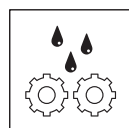
4-8



9-13



14-16



17-22



22



7401, 7401G, 7401G-33, 7401GL

I (ISO 3822)
EN 1111, EN 1112, EN 1113
100 - 1000 kPa

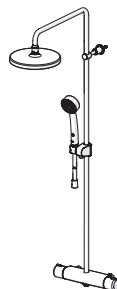
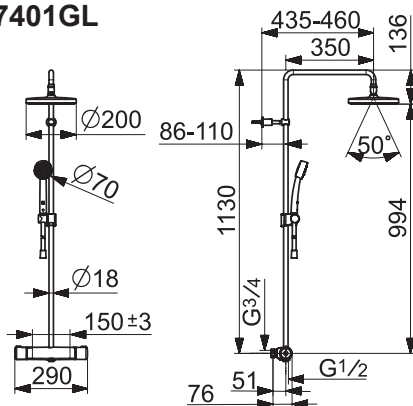
7401:

0.25 / 0.26 l/s (300 kPa)
180 kPa (0.2 l/s)

7401G, 7401G-33, 7401GL:

0.08 l/s (Eco)
0.14 l/s (300 kPa)
300 kPa (0.2 l/s)

max. +65°C



mpi.oras.com/7401

7402, 7402C, 7402-107, 7402-109

I (ISO 3822)
EN 1111, EN 1112, EN 1113
100 - 1000 kPa

7402, 7402C:

0.3 / 0.26 l/s (300 kPa)
180 kPa (0.2 l/s)

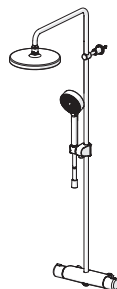
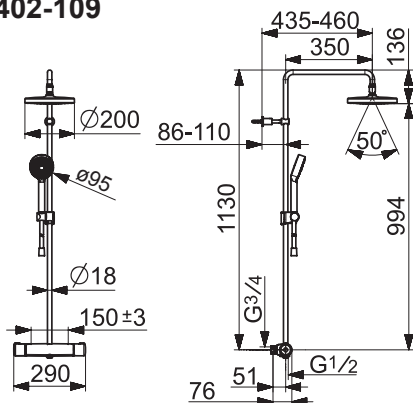
7402-107:

0.125 l/s (300 kPa w/Controller)

7402-109:

0.15 l/s (300 kPa w/Controller)

max. +65°C



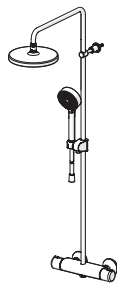
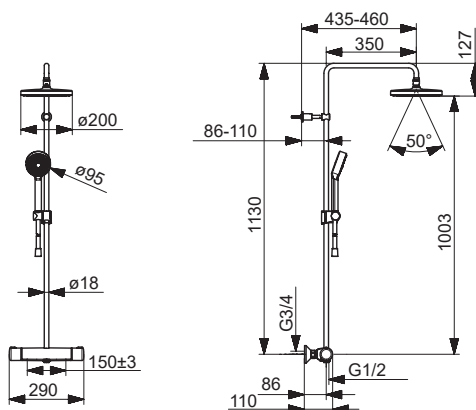
mpi.oras.com/7402

7402-33, 7402C-33

I (ISO 3822)
EN 1111, EN 1112, EN 1113
100 - 1000 kPa

0.3 / 0.26 l/s (300 kPa)
180 kPa (0.2 l/s)

max. +65°C

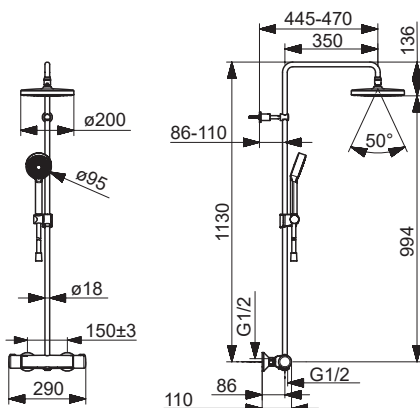


mpi.oras.com/7402-33

7402U , 7402U-33

I (ISO 3822)
EN 1111, EN 1112, EN 1113
100 - 1000 kPa
0.25 / 0.26 l/s (300 kPa)
180 kPa (0.2 l/s)

max. +65°C

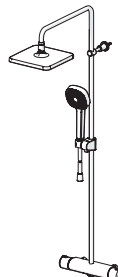
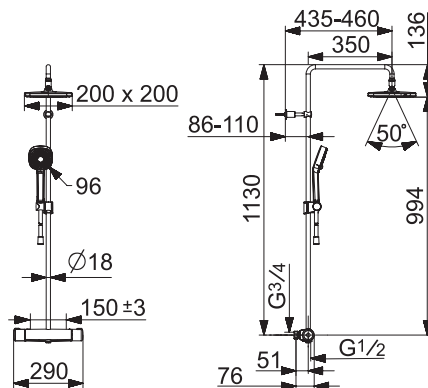


mpi.oras.com/7402U

7403

I (ISO 3822)
EN 1111, EN 1112, EN 1113
100 - 1000 kPa
0.3 / 0.26 l/s (300 kPa)
180 kPa (0.2 l/s)

max. +65°C

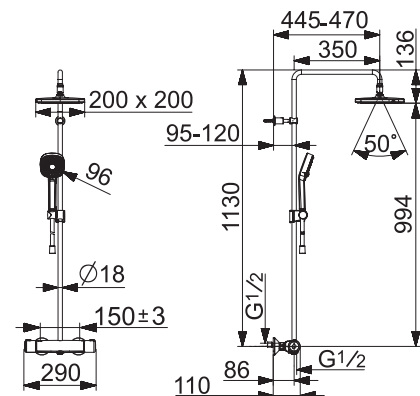


mpi.oras.com/7403

7403U

I (ISO 3822)
EN 1111, EN 1112, EN 1113
100 - 1000 kPa
0.3 / 0.26 l/s (300 kPa)
180 kPa (0.2 l/s)

max. +65°C



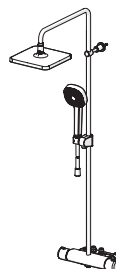
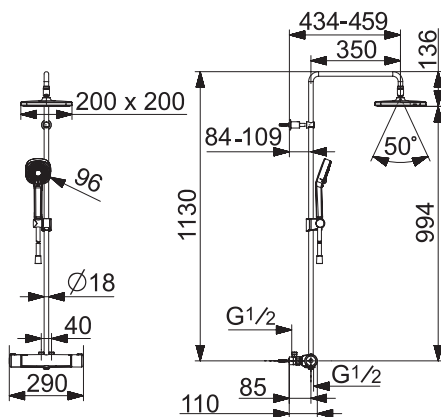
mpi.oras.com/7403U



7415

I (ISO 3822)
EN 1111, EN 1112, EN 1113
100 - 1000 kPa
0.25 / 0.26 l/s (300 kPa)
180 kPa (0.2 l/s)

max. +65°C



mpi.oras.com/7415

7418, 7418G

I (ISO 3822)
EN 1111, EN 1112, EN 1113
100 - 1000 kPa

7418:

0.25 / 0.26 l/s (300 kPa)
180 kPa (0.2 l/s)

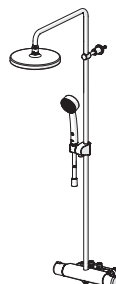
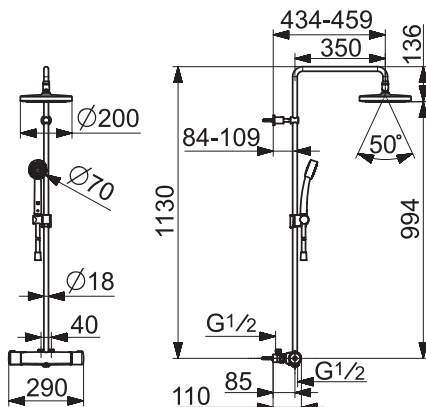
7418G:

0.08 l/s (Eco)

0.14 l/s (300 kPa)

300 kPa (0.2 l/s)

max. +65°C



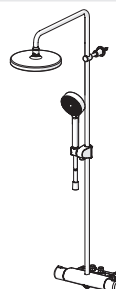
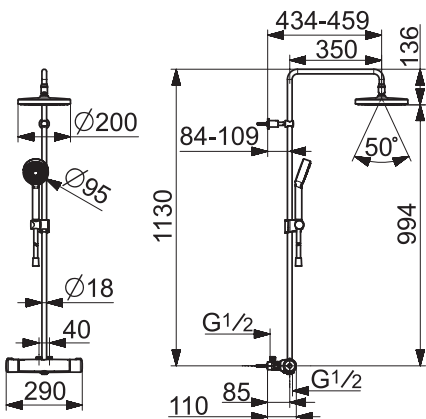
mpi.oras.com/7418

7419

I (ISO 3822)
EN 1111, EN 1112, EN 1113
100 - 1000 kPa

0.25 / 0.26 l/s (300 kPa)
180 kPa (0.2 l/s)

max. +65°C

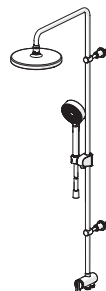
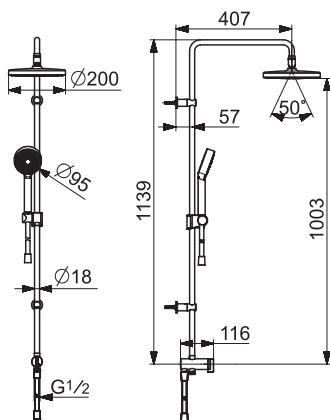


mpi.oras.com/7419

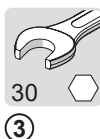
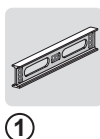
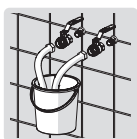


549

I (ISO 3822)
EN 1112, EN 1113
100 - 1000 kPa
0.25 / 0.26 l/s (300 kPa)
180 kPa (0.2 l/s)
max. +65°C



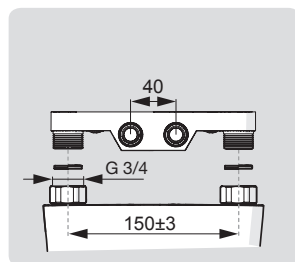
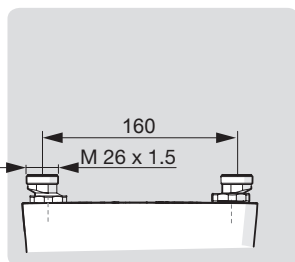
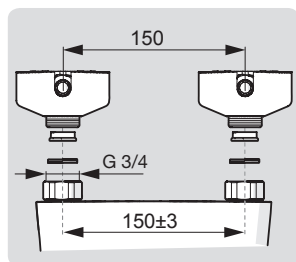
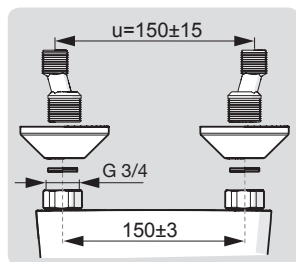
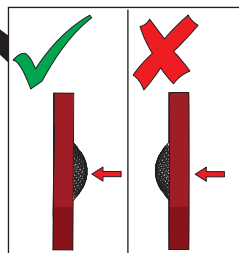
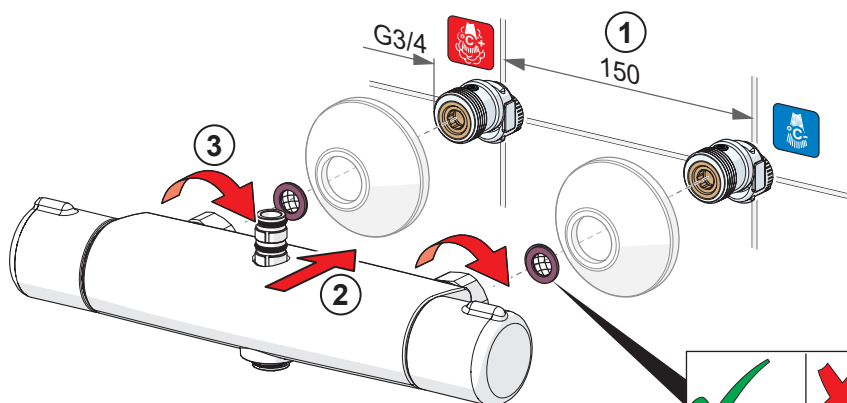
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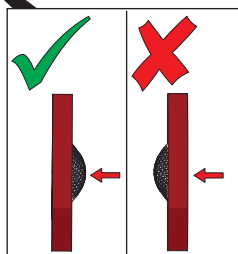
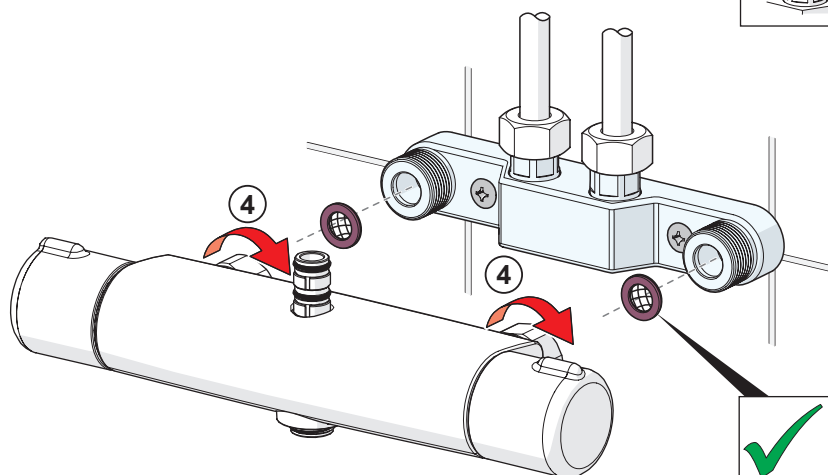
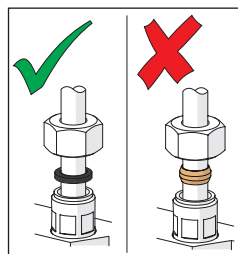
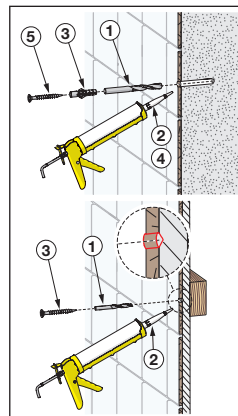
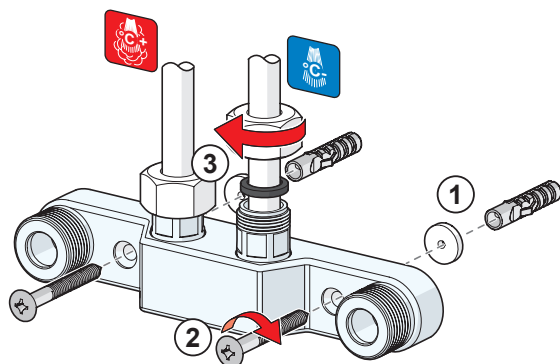
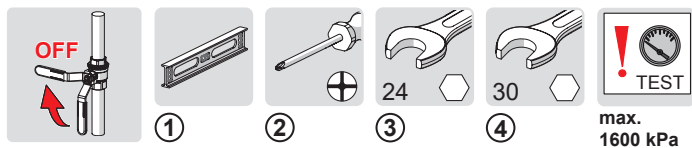


①

③

max.
1600 kPa



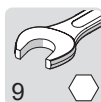




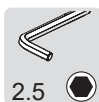
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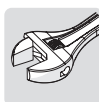
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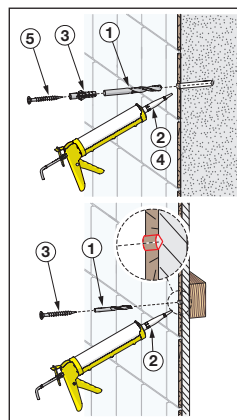
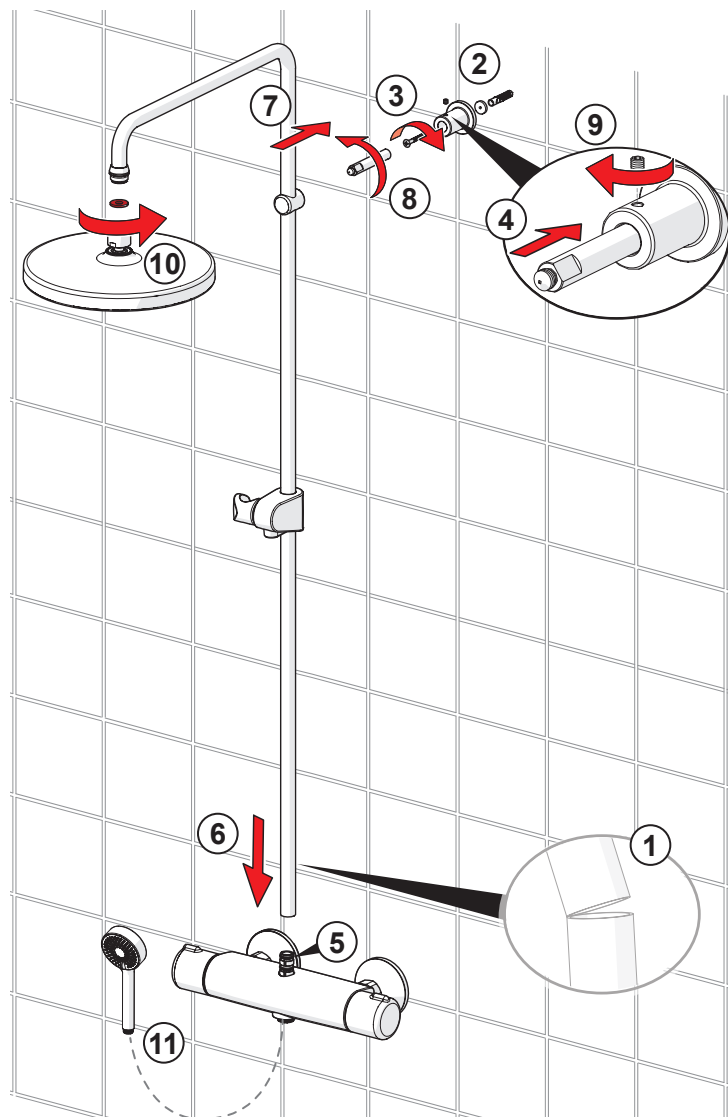
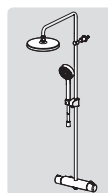
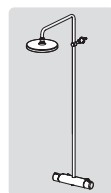
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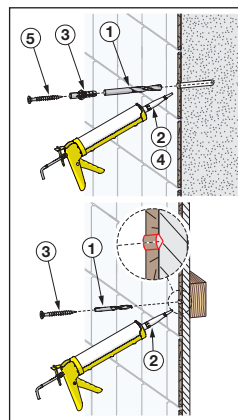
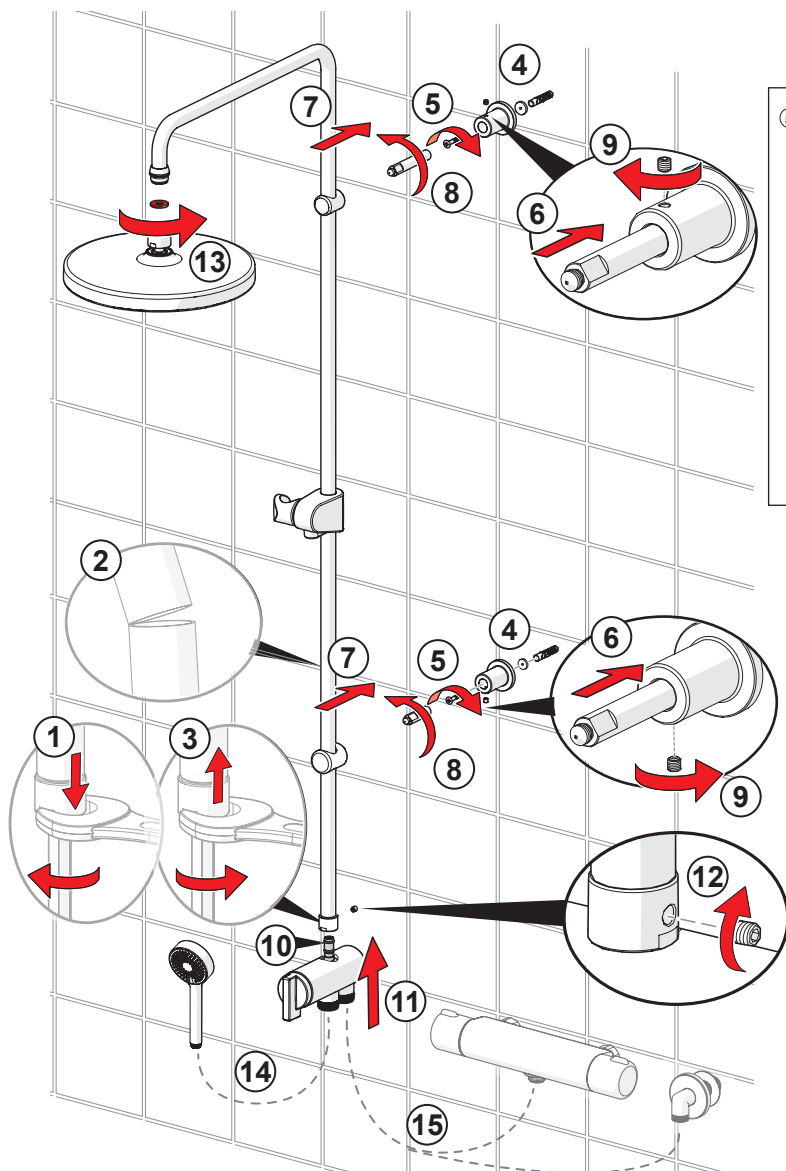
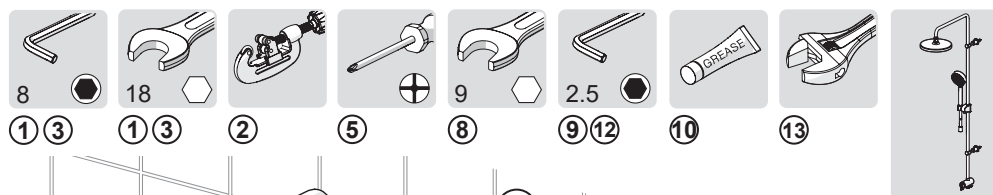


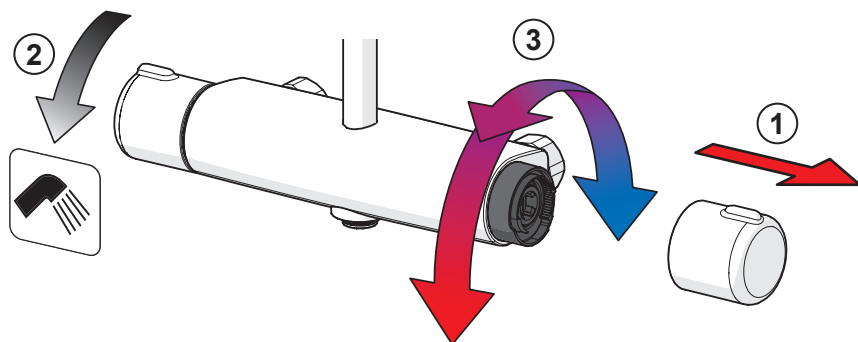
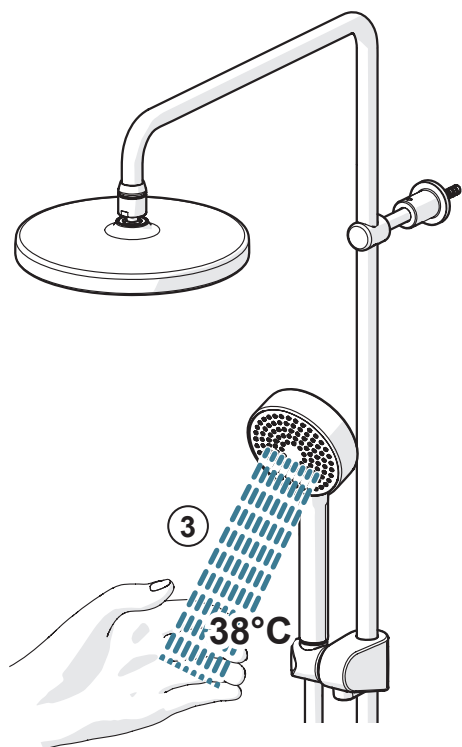
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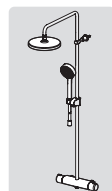
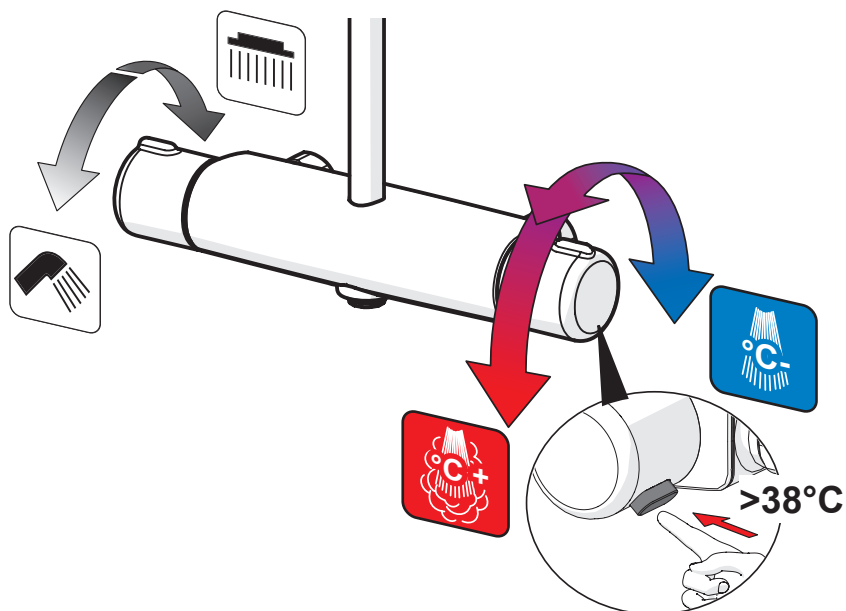
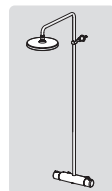
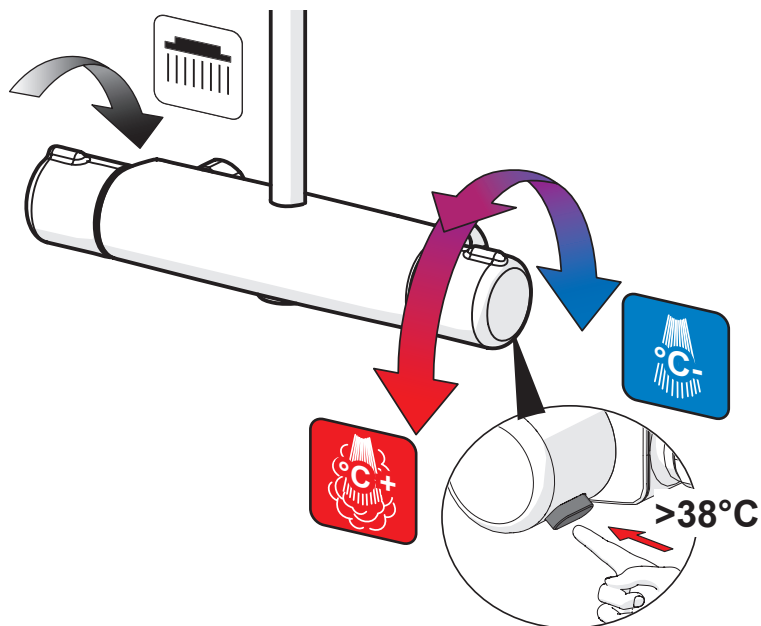


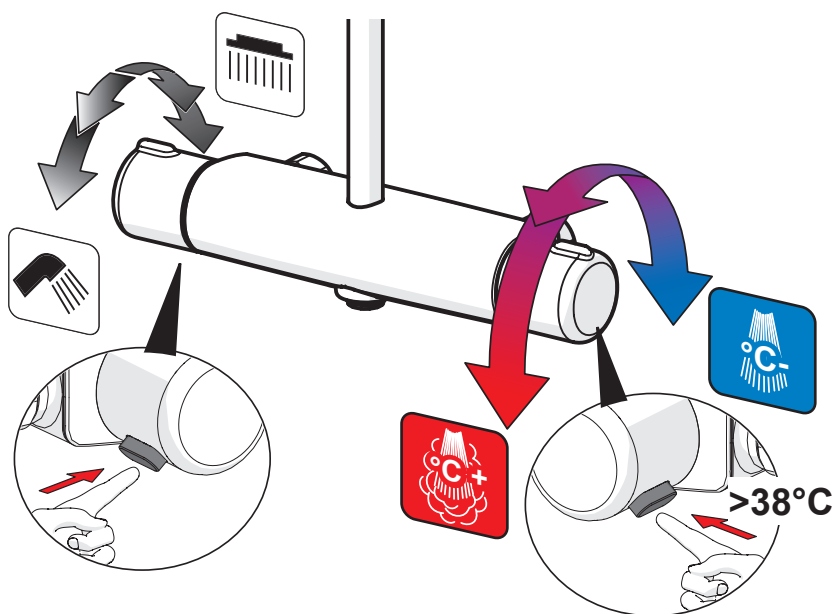
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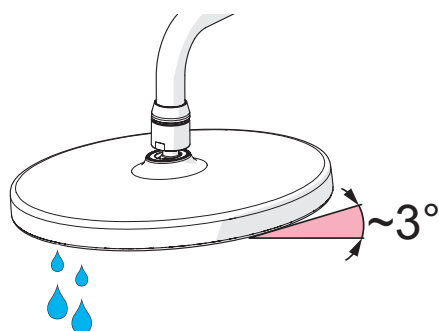
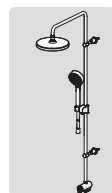
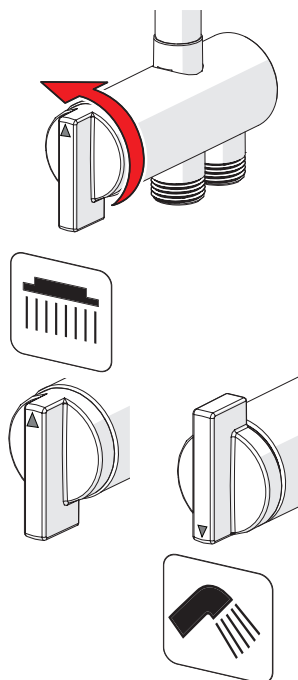


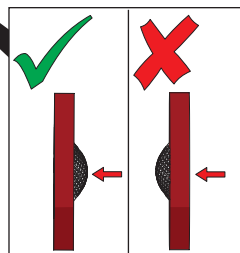
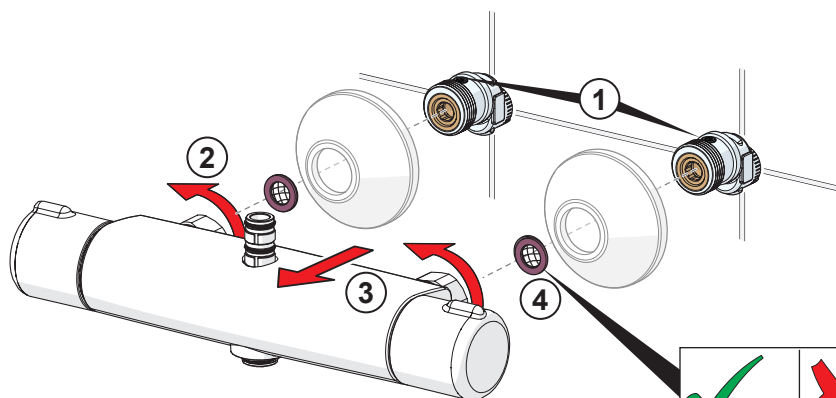
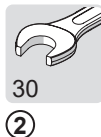


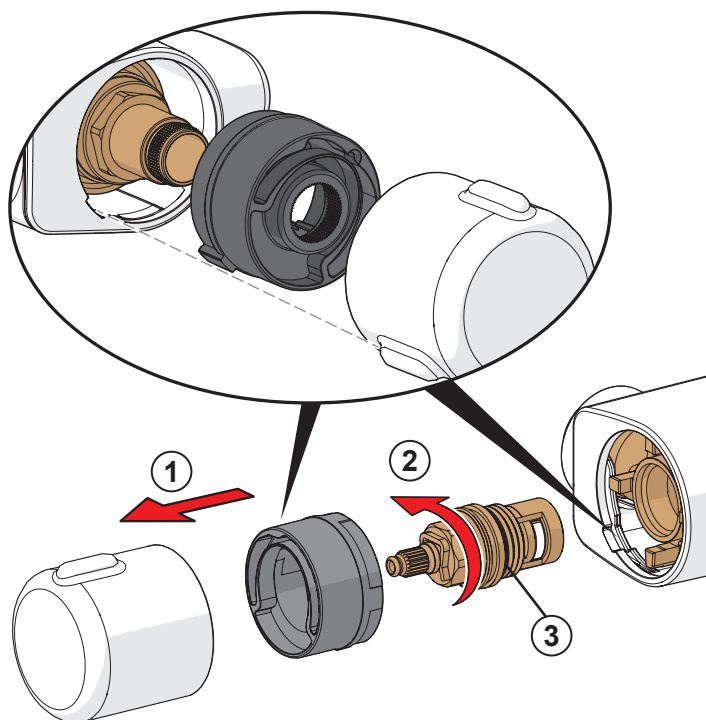
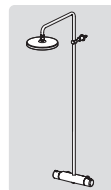
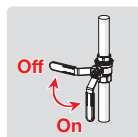


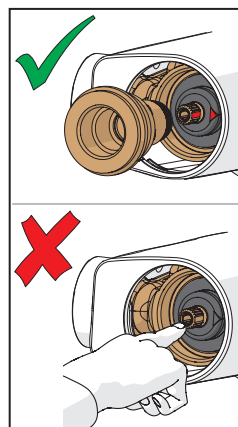
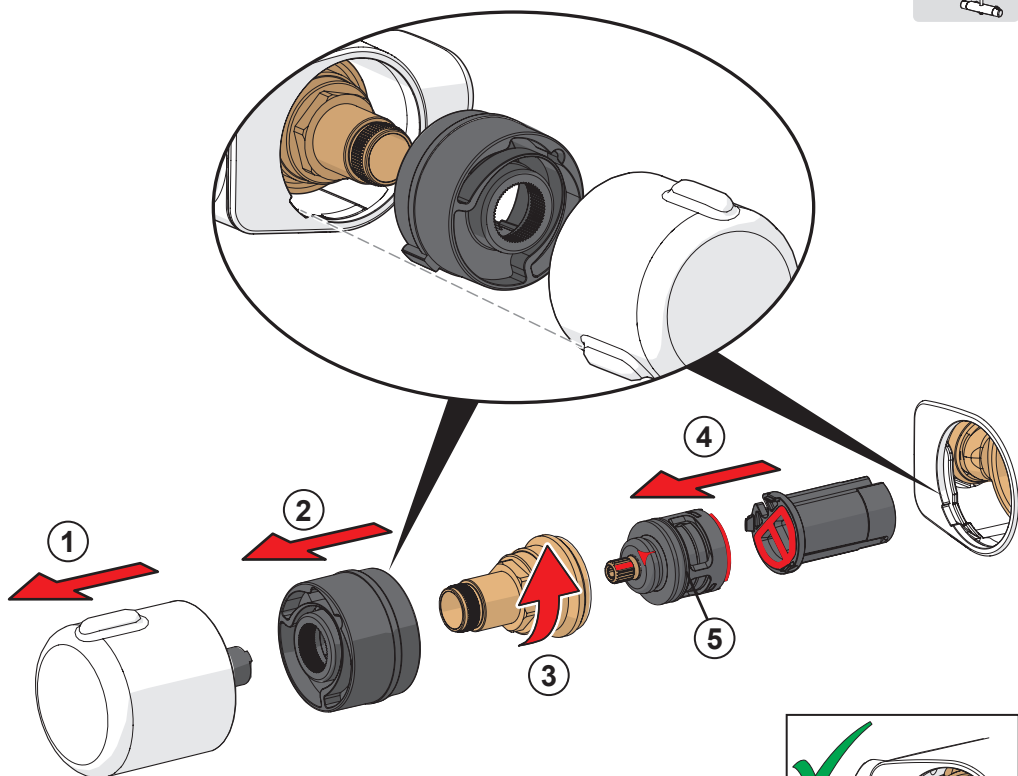
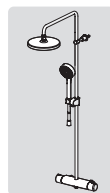
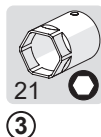
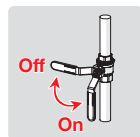


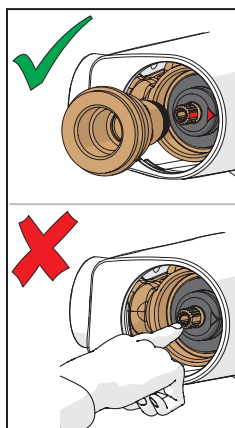
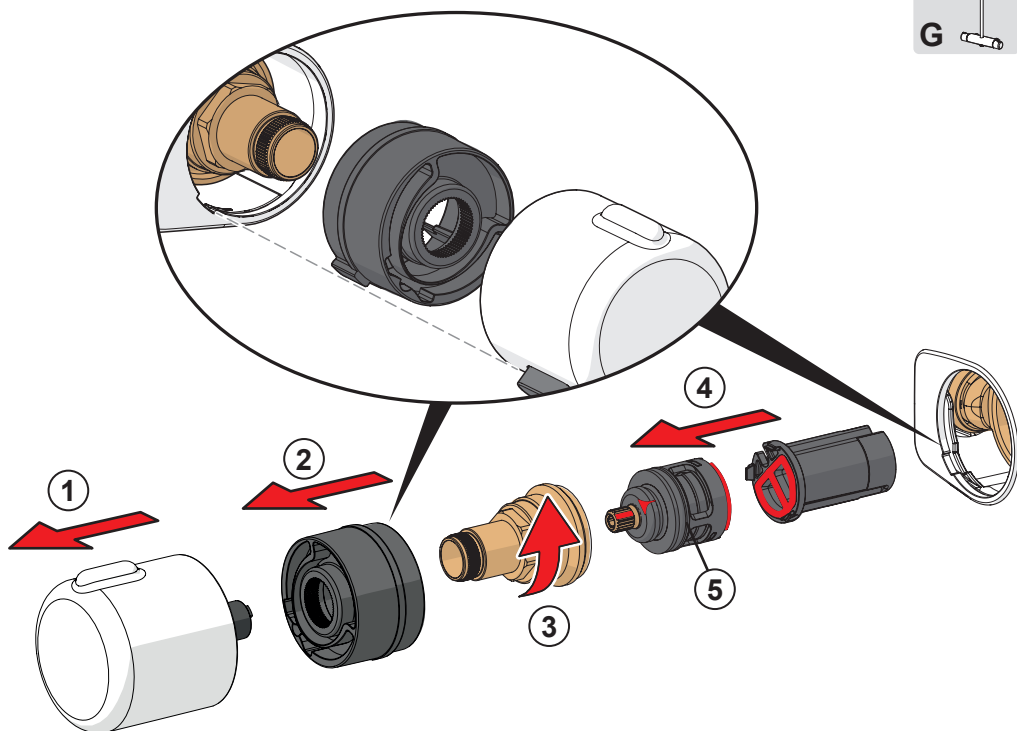
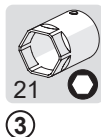
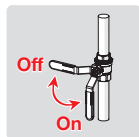
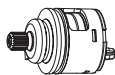


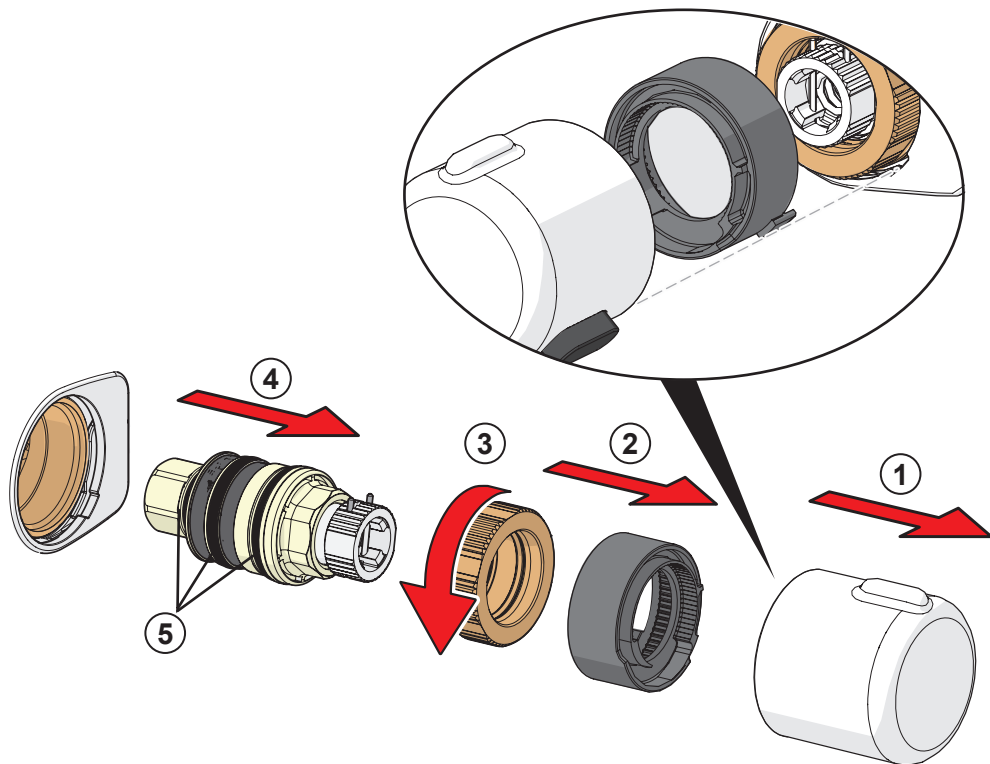
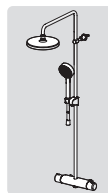
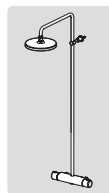
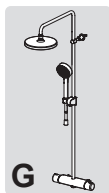
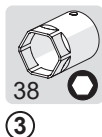
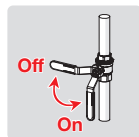


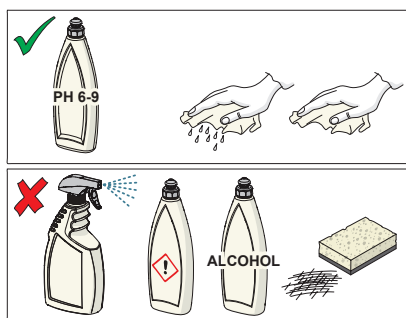
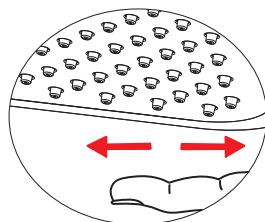
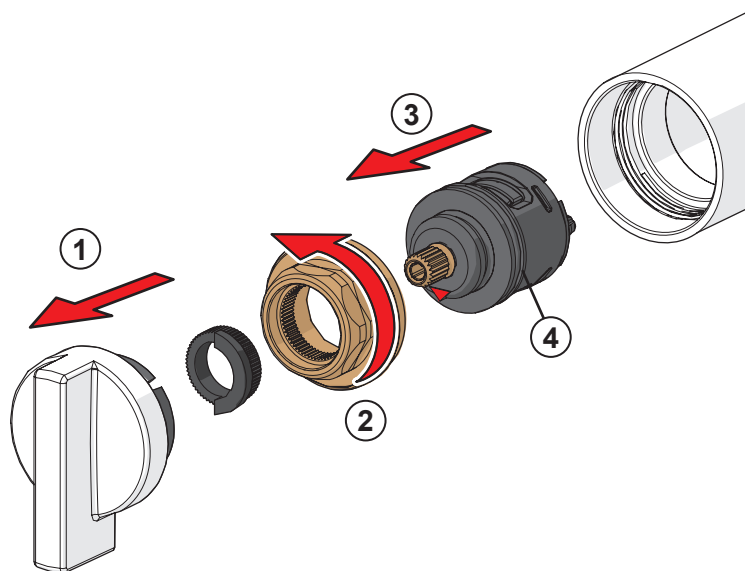
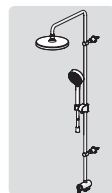
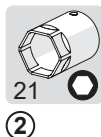
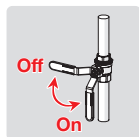












About Oras Group

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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