Oras Optima

Installation and maintenance guide

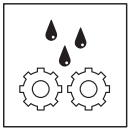



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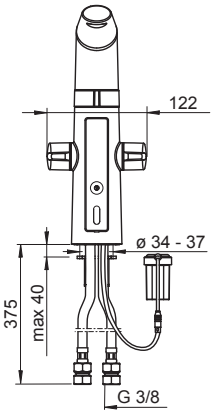

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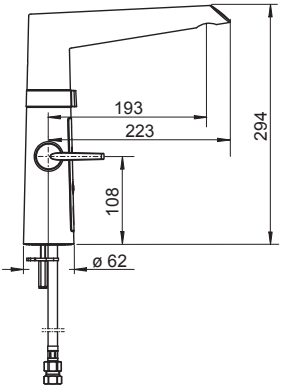
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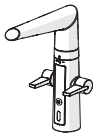
I (ISO 3822)
EN 15091 , EN 817
100 - 1000 kPa
0.2 l/s (300 kPa)
290 kPa (0.2 l/s)
max. +70°C

IP 54
AA 1.5 V Lithium x 2

CE (EMC 2014/30/EU)







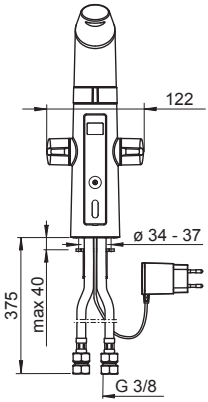
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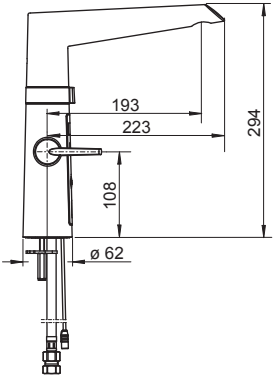
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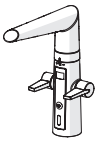
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EN 200 , EN 15091
100 - 1000 kPa
0.2 l/s (300 kPa)
290 kPa (0.2 l/s)
max. +70°C

IP 54 / transformer IP 20
230 / 5 V

CE (EMC 2014/30/EU)







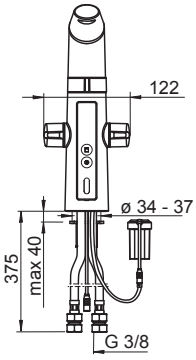
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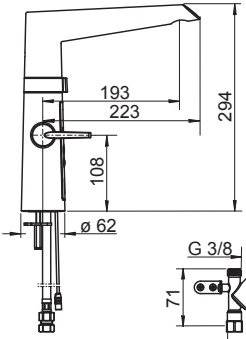
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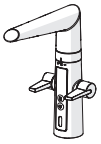
I (ISO 3822)
EN 200 , EN 15091
100 - 1000 kPa
0.2 l/s (300 kPa)
290 kPa (0.2 l/s)
max. +70°C

IP 54
AA 1.5 V Lithium x 2

CE (EMC 2014/30/EU)







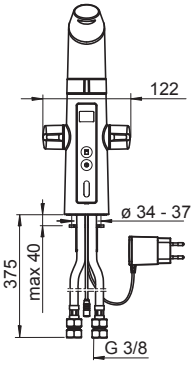
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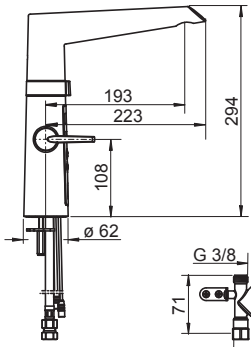
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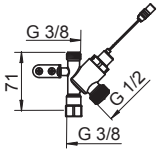
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EN 200 , EN 15091
100 - 1000 kPa
0.2 l/s (300 kPa)
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max. +70°C

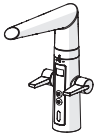
IP 54 / transformer IP 20
230 / 5 V

CE (EMC 2014/30/EU)











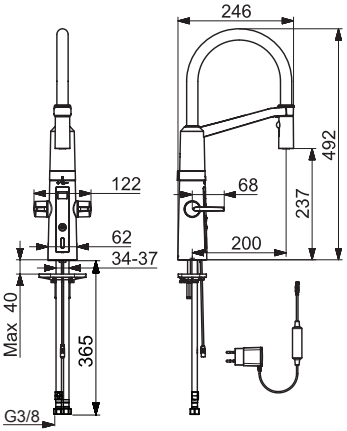
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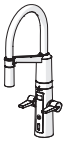
2728F

I (ISO 3822) Oras lab.
EN 15091
100 - 1000 kPa
0.2 l/s (300 kPa)
300 kPa (0.2 l/s)
max. +70°C

IP 54 / transformer IP 20
230 / 5 V

CE (EMC 2014/30/EU)





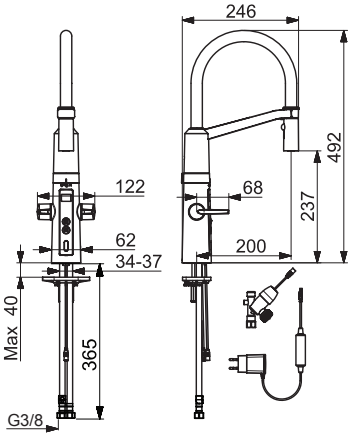
mpi.oras.com/2728F

2729F

I (ISO 3822) Oras lab.
EN 15091
100 - 1000 kPa
0.2 l/s (300 kPa)
300 kPa (0.2 l/s)
max. +70°C

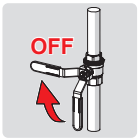
IP 54 / transformer IP 20
230 / 5 V

CE (EMC 2014/30/EU)

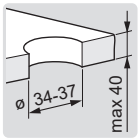




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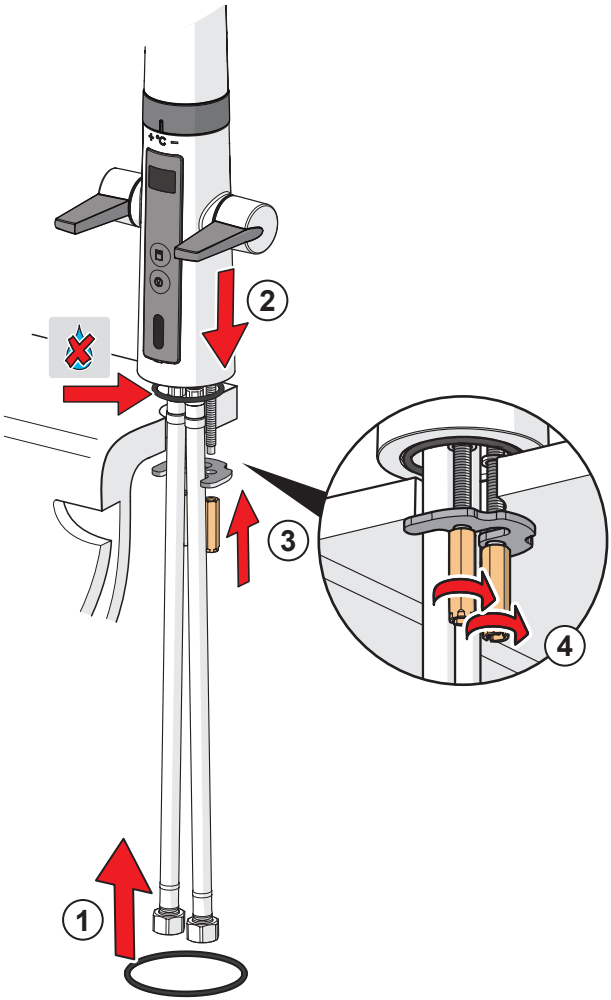


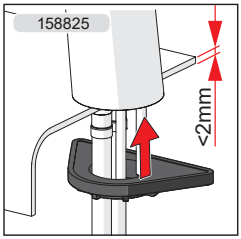

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max 40

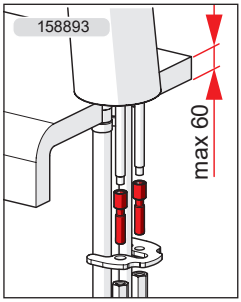

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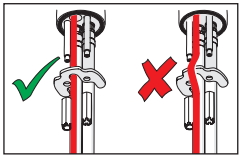
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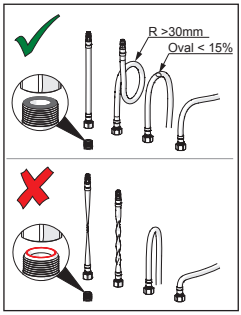
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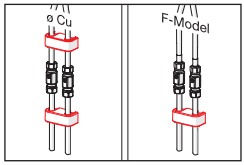

+ °C –
2
3
4
1


158825
<2mm


158893
max 60



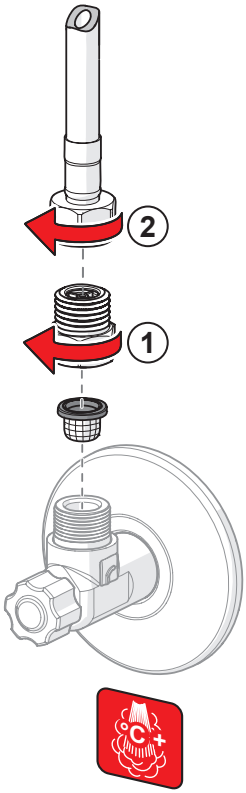

R >30mm
Oval < 15%

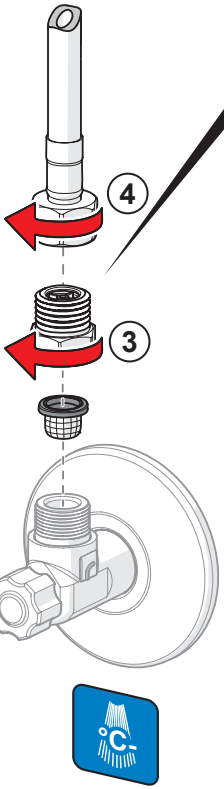

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F-Model

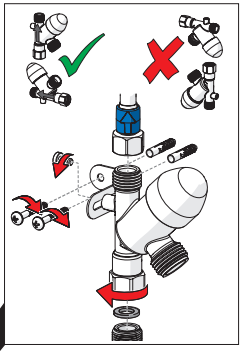


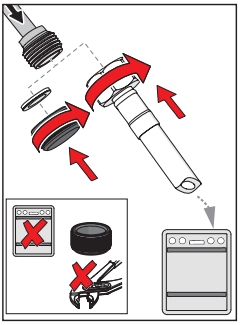
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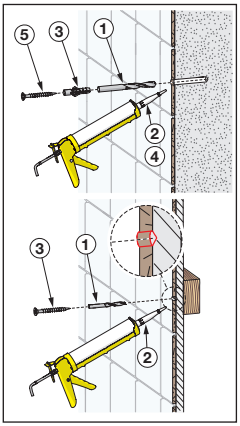
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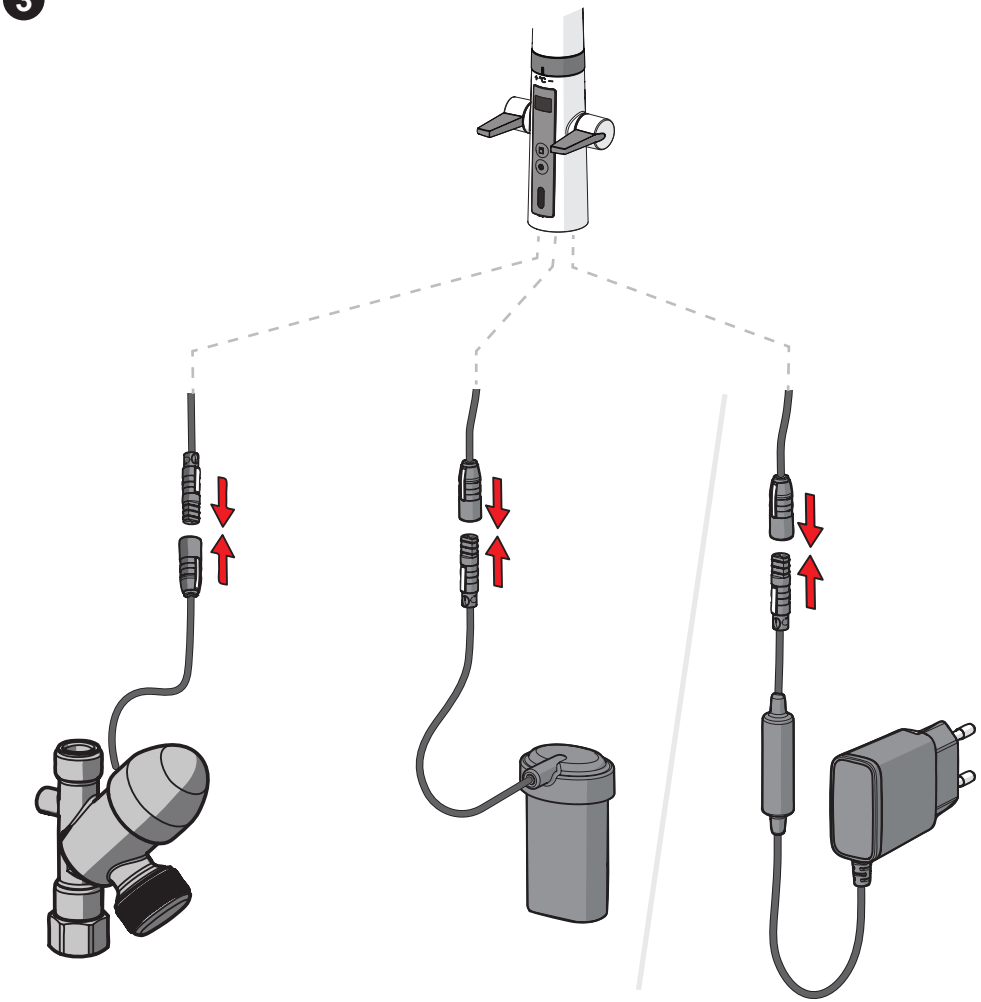






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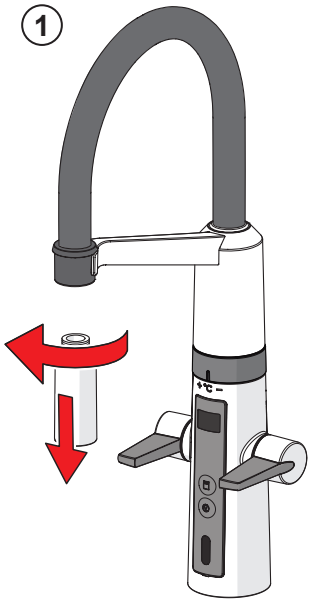


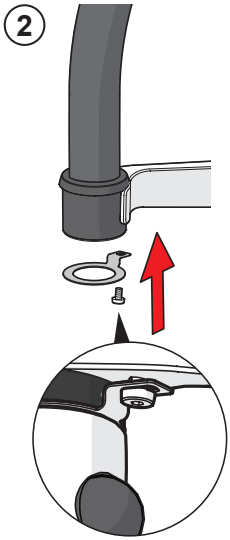


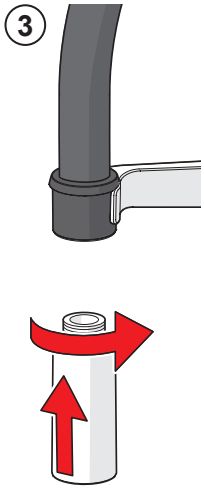


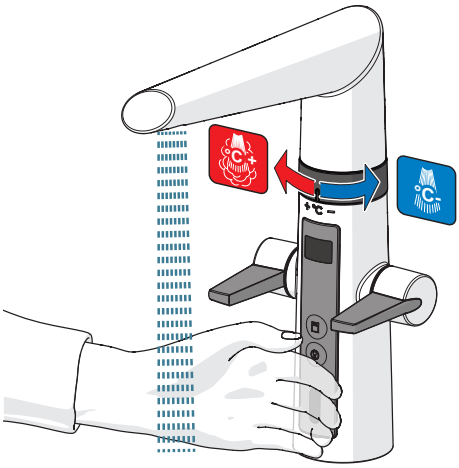
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4 EN 806

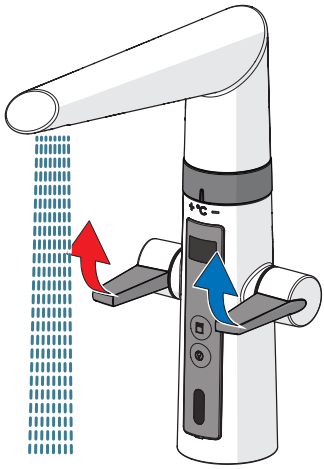


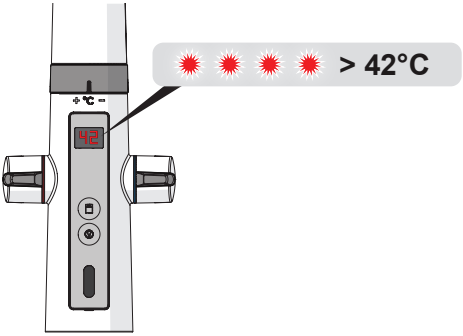


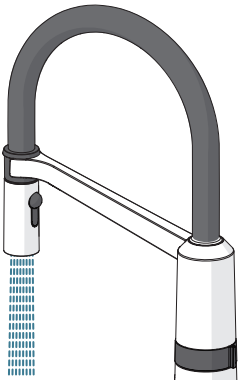


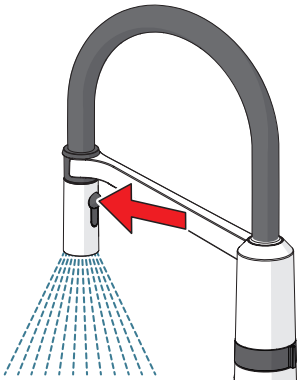


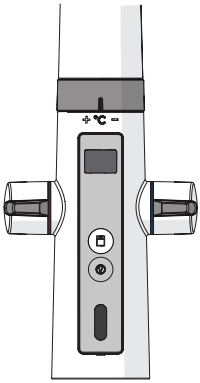
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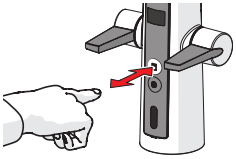




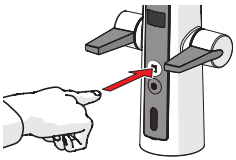




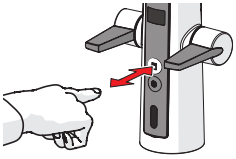




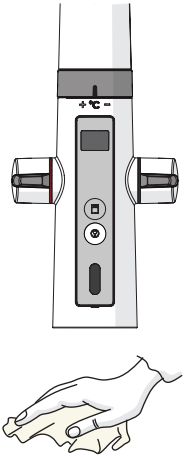
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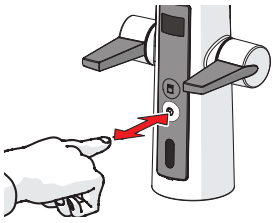


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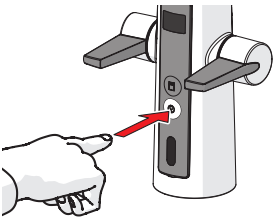


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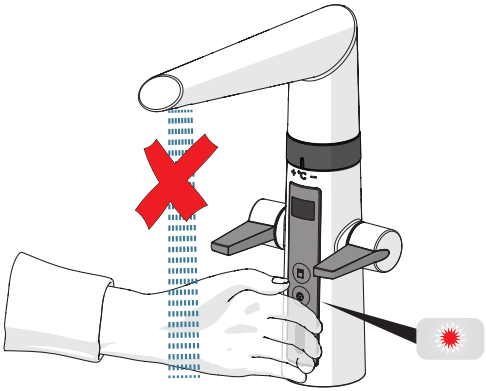




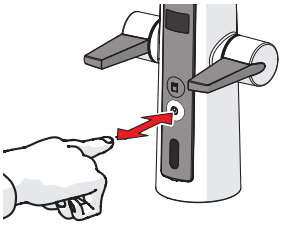
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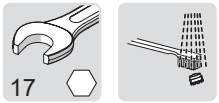
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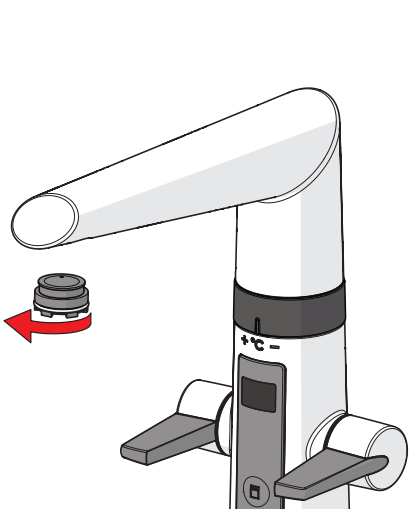


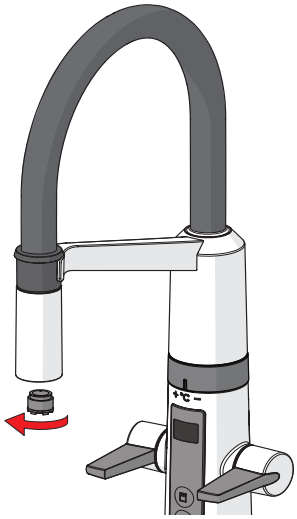
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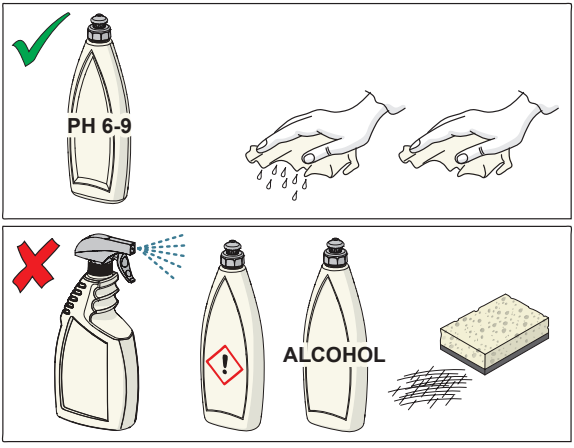












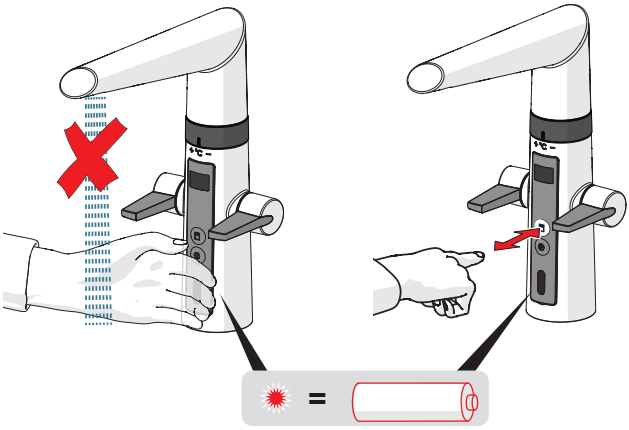
cleaning.oras.com

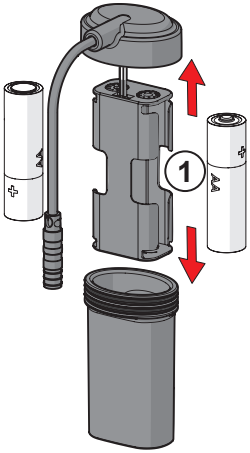




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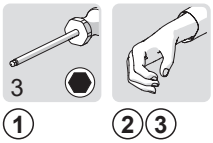
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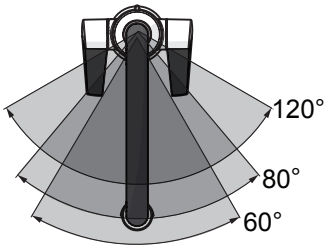


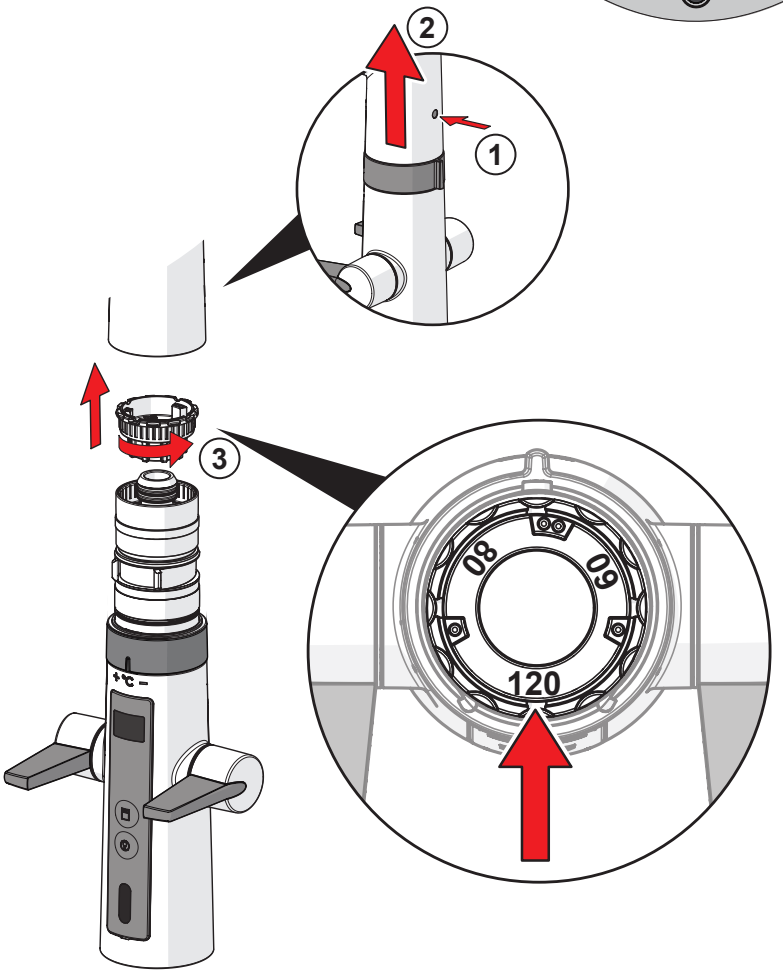


AA 1.5 V Lithium x 2


120°
80°
60°


3
1
2 3

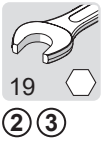

120°
80°
60°

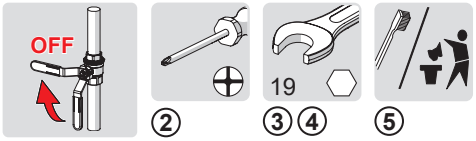

2
1
3
08
09
120
+ °C –

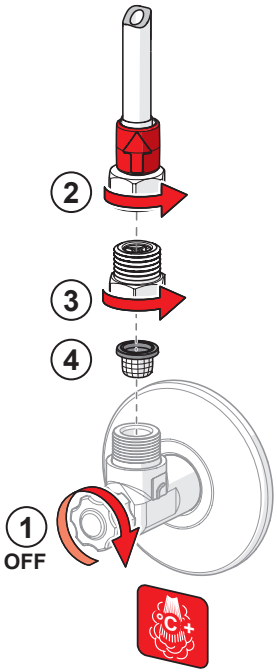


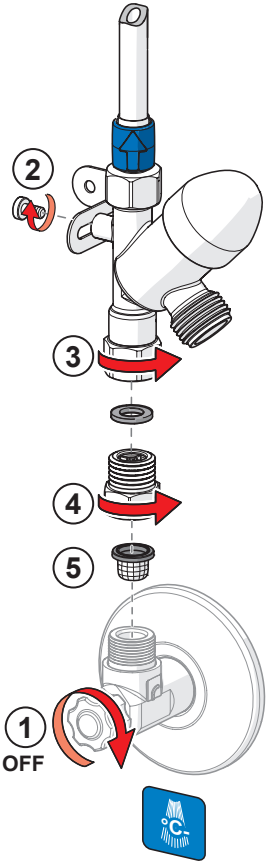


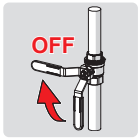

OFF


19
2 3
4


OFF
2
19
3 4
5


2
3
4
1
OFF


2
3
4
5
1
OFF





②



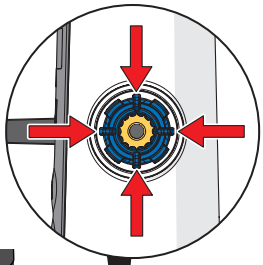
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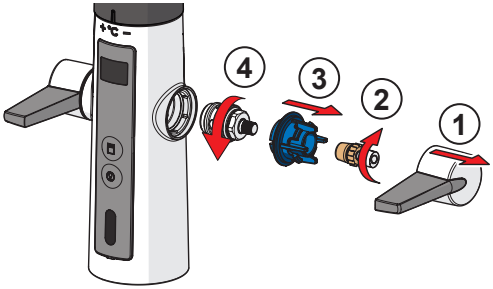


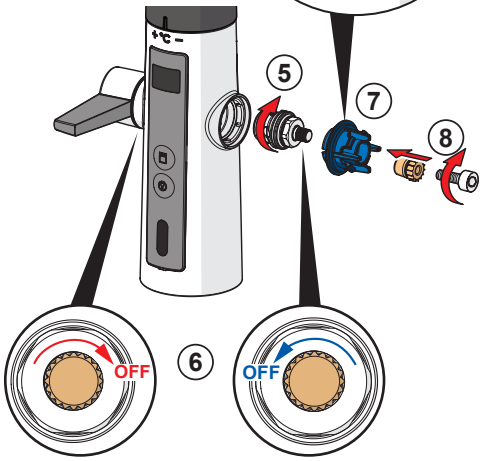
④ ⑤

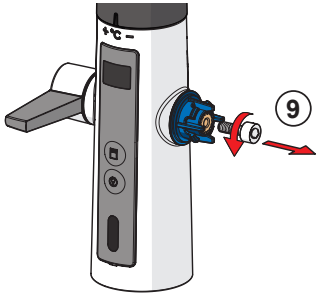


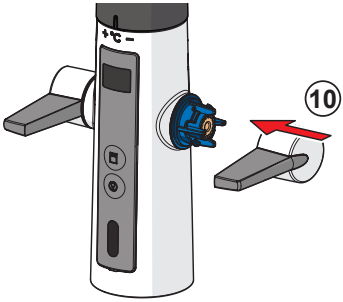
⑧ ⑨

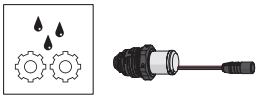


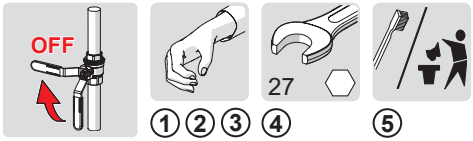


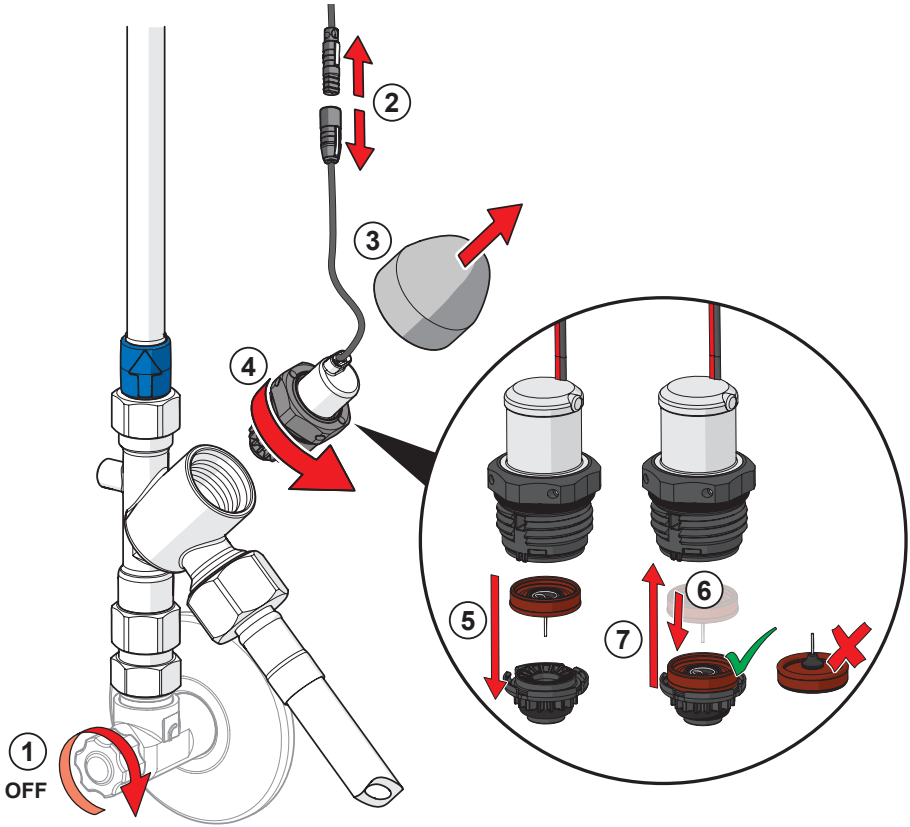


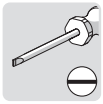




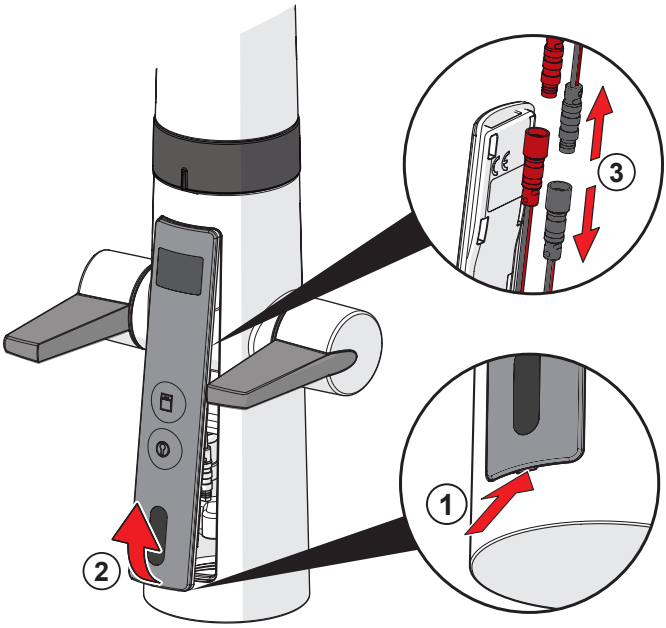


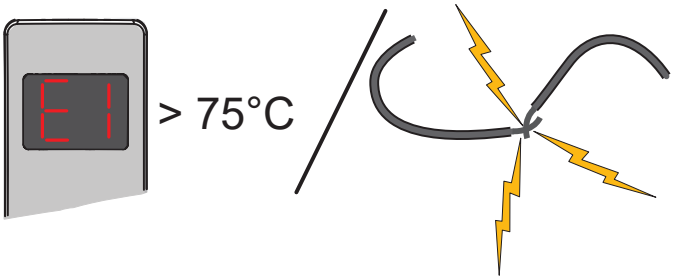

OFF
27
1 2 3 4
5


2
3
4
1
OFF
5
6
7

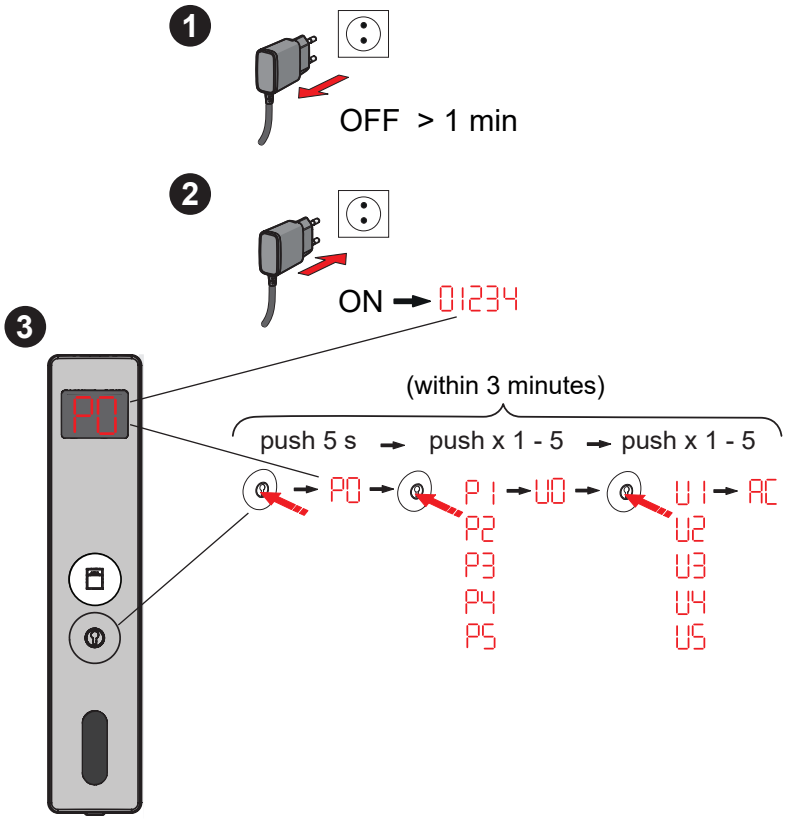


①




E1
> 75°C


E2
< 0°C



	Afterflow period (touchless function)	Max. flow period	Automatic flush	Automatic flush period	ON / OFF
	P1	P2	P3	P4	P5
U1	2 s	10 s	**0**	10 s	**OFF**
U2	**4 s**	**40 s**	12 h	**30 s**	ON
U3	8 s	60 s	24 h	60 s	-
U4	10 s	120 s	48 h	120 s	-
U5	20 s	180 s	72 h	180 s	FS

FS = Factory Settings

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.

943457-01-22

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