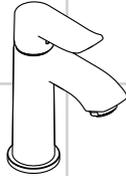


EN Instructions for use / assembly instructions

2

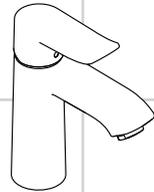
DE Gebrauchsanleitung / Montageanleitung

3



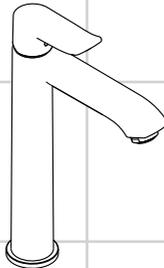
Metris 100

31088009 / 31088019



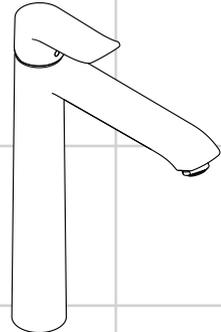
Metris 110

31080009 / 31080019



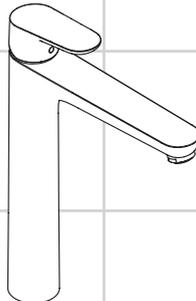
Metris 200

31183009 / 31183019



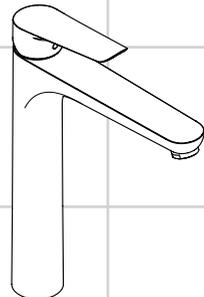
Metris 260

31082009 / 31082019



Ecos 230

14088019 / 14088029



Logis E 230

71162019 / 71162029



Safety Notes

-  Gloves should be worn during installation to prevent crushing and cutting injuries.
-  The product may only be used for bathing, hygienic and body cleaning purposes.
-  The hot and cold supplies must be of equal pressures.

Installation Instructions

- Prior to installation, inspect the product for transport damages. After it has been installed, no transport or surface damage will be honoured.
- The pipes and the fixture must be installed, flushed and tested as per the applicable standards.
- The plumbing codes applicable in the respective countries must be observed.
- The drain valve must only be used as intended. It is not allowed to attach other objects to the drain valve, for example a semi-pedestal.
- If the instantaneous water heater causes problems or if you wish to increase the water flow, the EcoSmart® (flow limiter) located behind the aerator can be removed.

Technical Data

This mixer series-produced with EcoSmart® (flow limiter)

Operating pressure:	max. 1 MPa
Recommended operating pressure:	0,1 - 0,5 MPa
Test pressure:	1,6 MPa
(1 MPa = 10 bar = 147 PSI)	
Hot water temperature:	max. 70 °C
Recommended hot water temp.:	65 °C
Thermal disinfection:	max. 70 °C / 4 min

The product is exclusively designed for drinking water!

Symbol description



Do not use silicone containing acetic acid!



Adjustment (see page 7)

To adjust the hot water limiter. Using a hot water limiter in combination with a continuous flow water heater is not recommended.



Dimensions (see page 8)



Flow diagram

(see page 10)

- ① with EcoSmart®
- ② without EcoSmart®



Operation (see page 11)

Hansgrohe recommends not to use as drinking water the first half liter of water drawn in the morning or after a prolonged period of non-use.



Spare parts (see page 12)

Special accessories (order as an extra)



special tool #58085000
(see page 4)



Installation putty (see page 5)



Cleaning (see page 16)



Assembly see page 4



Sicherheitshinweise

- ⚠ Bei der Montage müssen zur Vermeidung von Quetsch- und Schnittverletzungen Handschuhe getragen werden.
- ⚠ Das Produkt darf nur zu Bade-, Hygiene- und Körperreinigungszwecken eingesetzt werden.
- ⚠ Große Druckunterschiede zwischen den Kalt- und Warmwasseranschlüssen müssen ausgeglichen werden.

Montagehinweise

- Vor der Montage muss das Produkt auf Transportschäden untersucht werden. Nach dem Einbau werden keine Transport- oder Oberflächenschäden anerkannt.
- Die Leitungen und die Armatur müssen nach den gültigen Normen montiert, gespült und geprüft werden.
- Die in den Ländern jeweils gültigen Installationsrichtlinien sind einzuhalten.
- Das Ablaufventil darf nur zum bestimmungsgemäßen Gebrauch verwendet werden. Das Befestigen von anderen Gegenständen z. B. einer Halbsäule an dem Ablaufventil ist nicht zulässig.
- Bei Problemen mit dem Durchlauferhitzer oder wenn mehr Wasserdurchsatz gewünscht wird, kann der EcoSmart® (Durchflussbegrenzer), der hinter dem Luftsprudler sitzt, entfernt werden.

Technische Daten

Armatur serienmäßig mit EcoSmart® (Durchflussbegrenzer)

Betriebsdruck:	max. 1 MPa
Empfohlener Betriebsdruck:	0,1 - 0,5 MPa
Prüfdruck:	1,6 MPa
(1 MPa = 10 bar = 147 PSI)	
Heißwassertemperatur:	max. 70 °C
Empfohlene Heißwassertemperatur:	65 °C
Thermische Desinfektion:	max. 70 °C / 4 min

Das Produkt ist ausschließlich für Trinkwasser konzipiert!

Symbolerklärung



Kein essigsäurehaltiges Silikon verwenden!



Justierung (siehe Seite 7)

Einstellen der Warmwasserbegrenzung. In Verbindung mit Durchlauferhitzern ist eine Warmwassersperre nicht zu empfehlen.



Maße (siehe Seite 8)



Durchflussdiagramm

(siehe Seite 10)

- ① mit EcoSmart®
- ② ohne EcoSmart®



Bedienung (siehe Seite 11)

Hangrohe empfiehlt, morgens oder nach längeren Stagnationszeiten den ersten halben Liter nicht als Trinkwasser zu verwenden.



Serviceteile (siehe Seite 12)

Sonderzubehör (nicht im Lieferumfang enthalten)



Montageschlüssel #58085000
(siehe Seite 4)



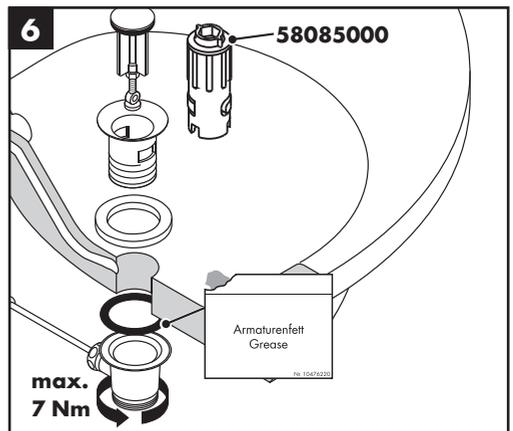
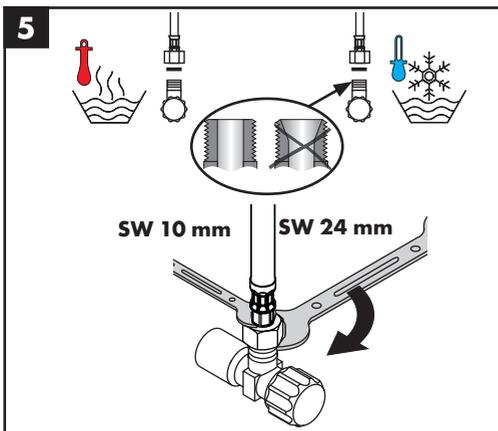
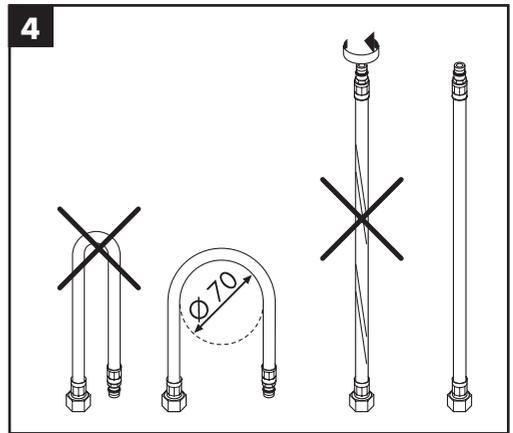
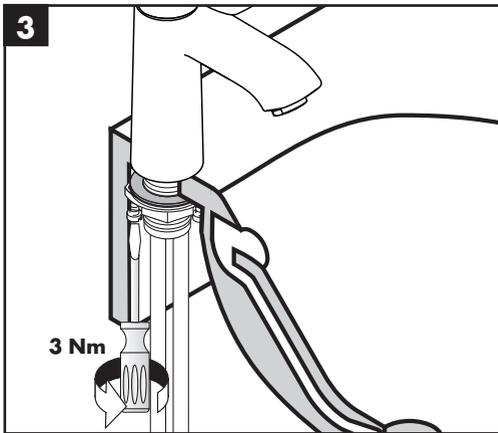
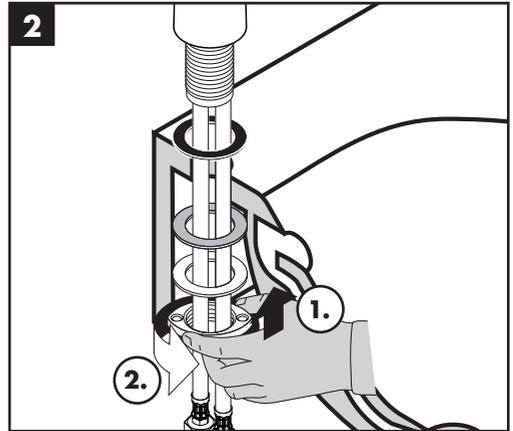
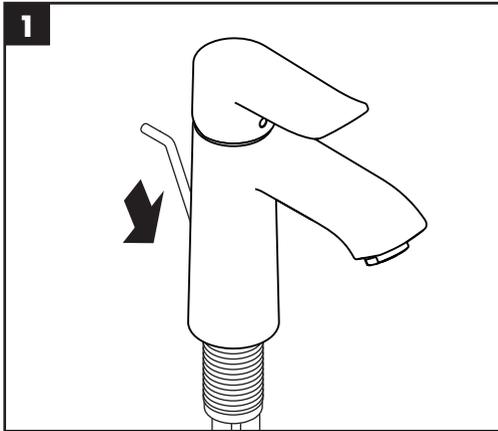
Installationskit (siehe Seite 5)

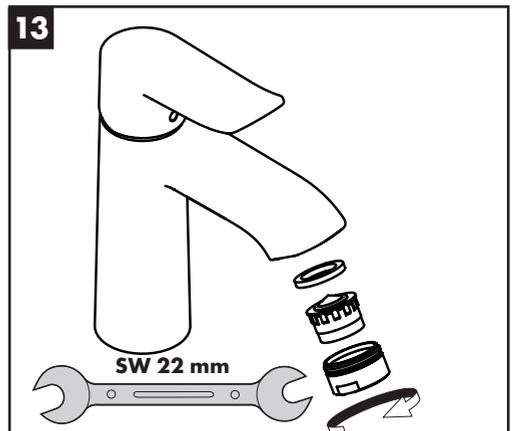
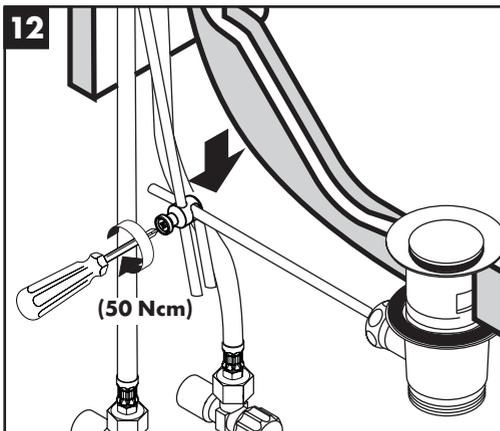
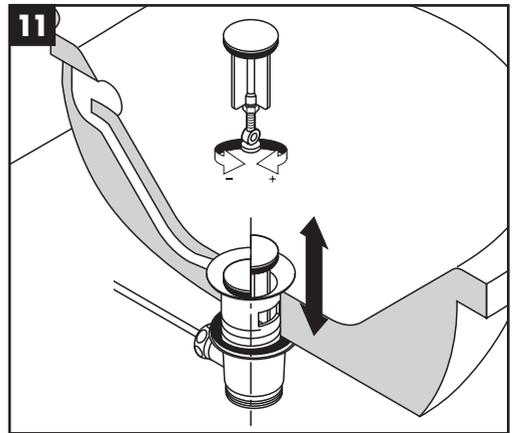
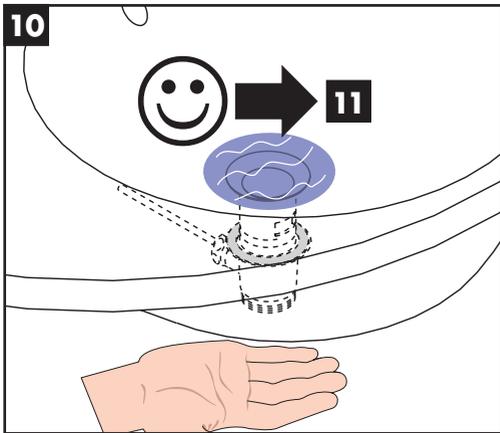
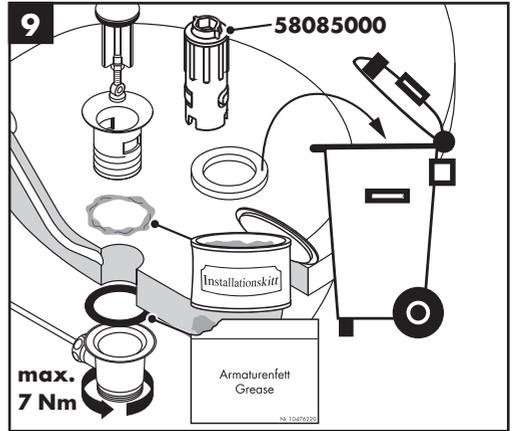
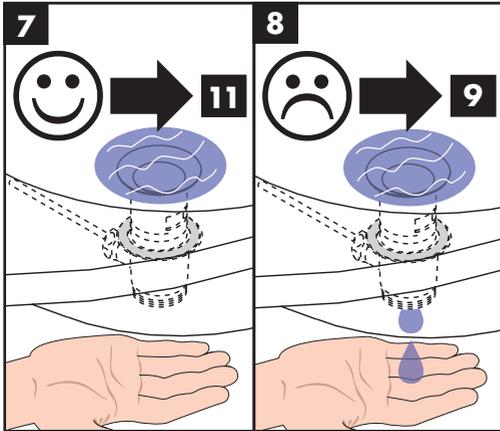


Reinigung (siehe Seite 16)



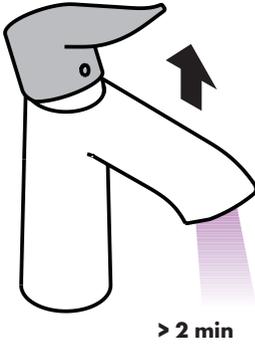
Montage siehe Seite 4



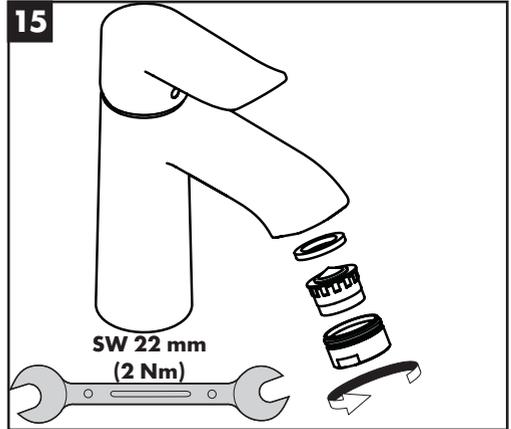




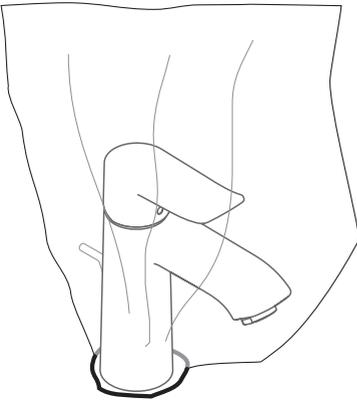
14

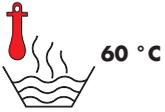


15



16





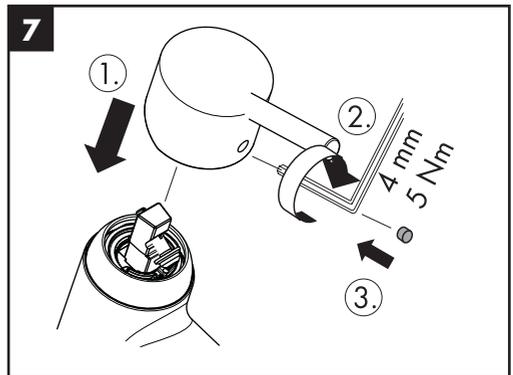
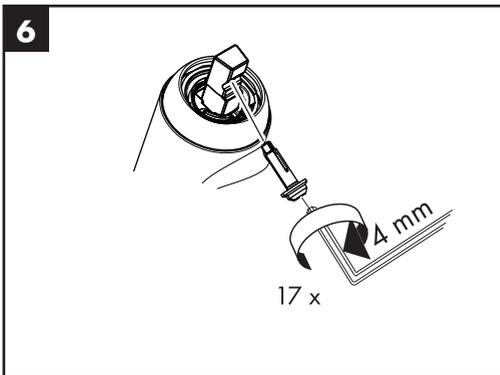
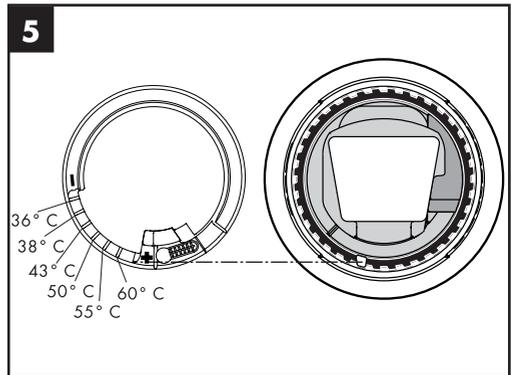
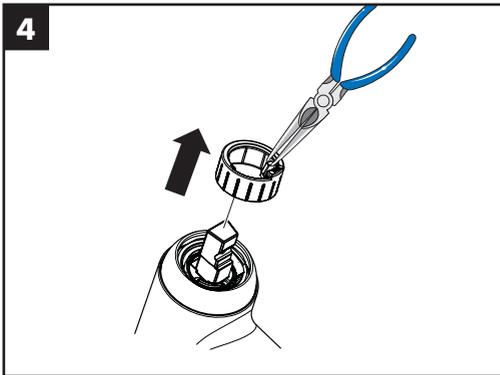
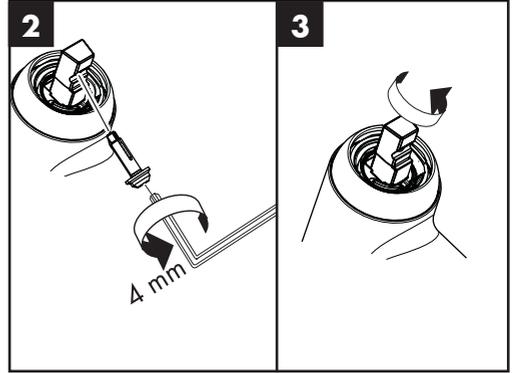
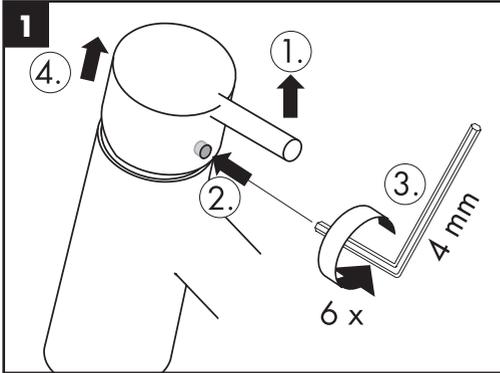
60 °C



10 °C



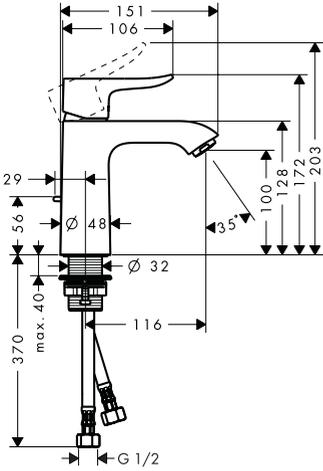
0,3 MPa





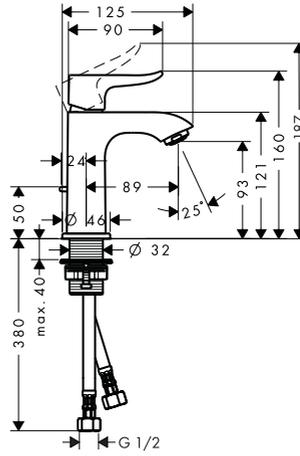
Metris 110

31080009 / 31080019



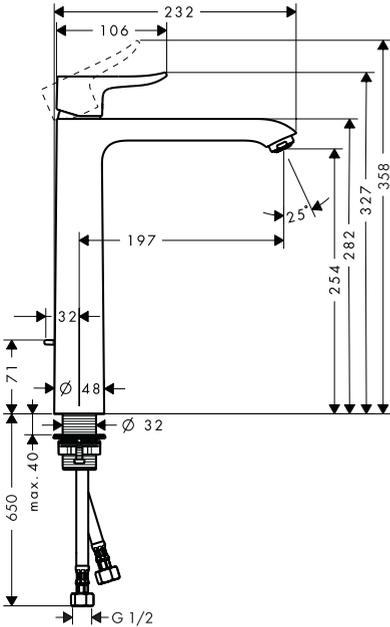
Metris 100

31088009 / 31088019



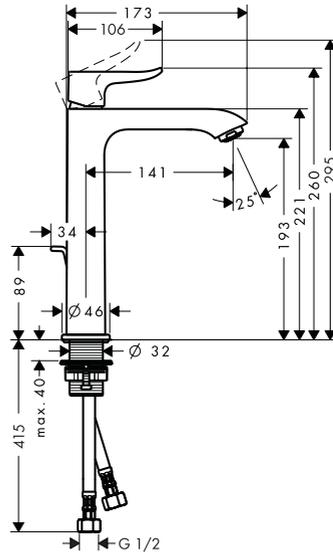
Metris 260

31082009 / 31082019



Metris 200

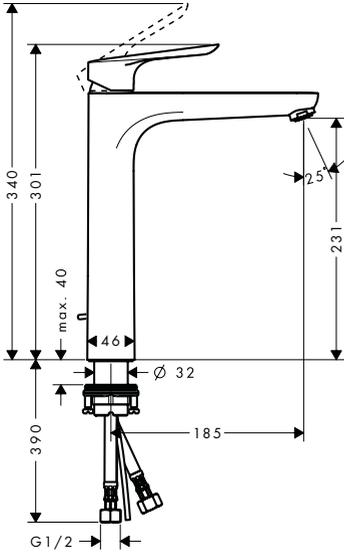
31183009 / 31183019





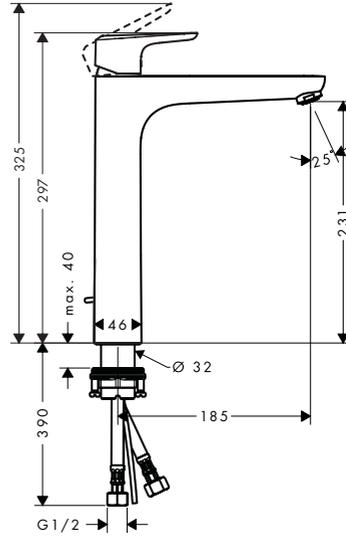
Logis E 230

71162019 / 71162029

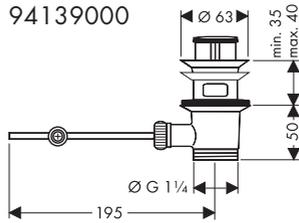


Ecos 230

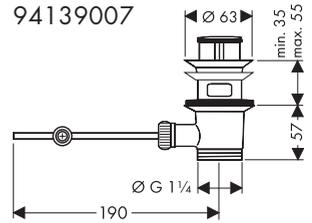
14088019 / 14088029



94139000



94139007

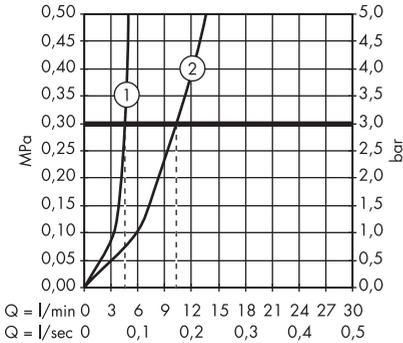




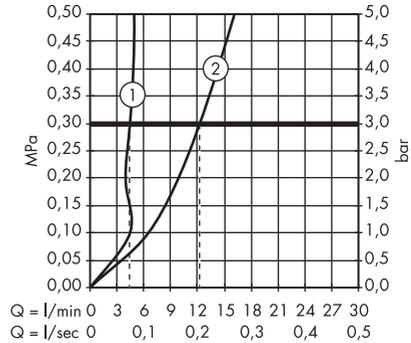
Metris 110 31080009

Metris 260 31082009

Metris 100 31088009



Metris 200 31183009

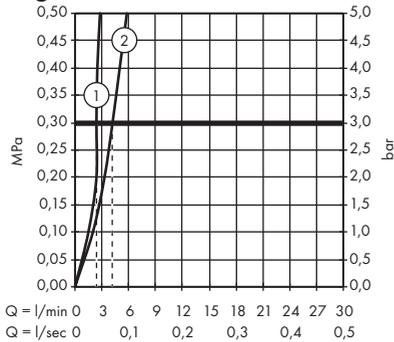


Metris 110 31080019

Metris 260 31082019

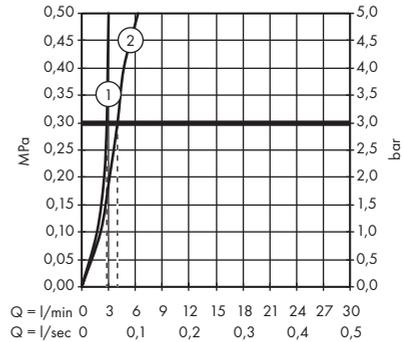
Metris 100 31088019

Logis E 230 71162019



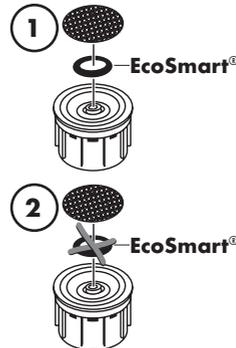
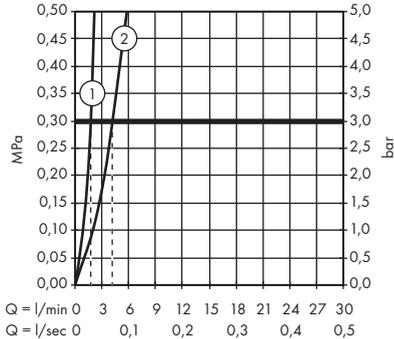
Metris 200 31183019

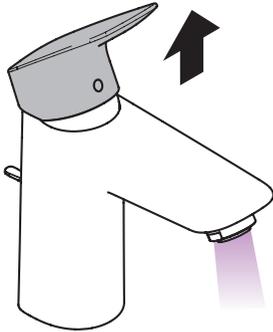
Ecos 230 14088019



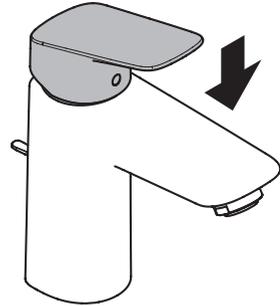
Logis E 230 71162029

Ecos 230 14088029

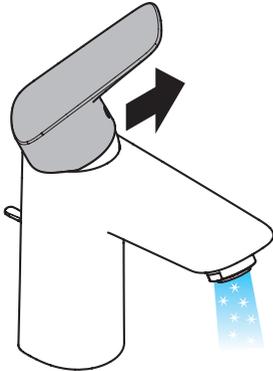




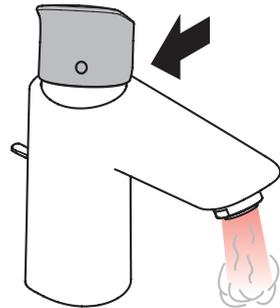
open / öffnen



close / schließen



cold / kalt



hot / warm



Metris 110

31080009

Metris 260

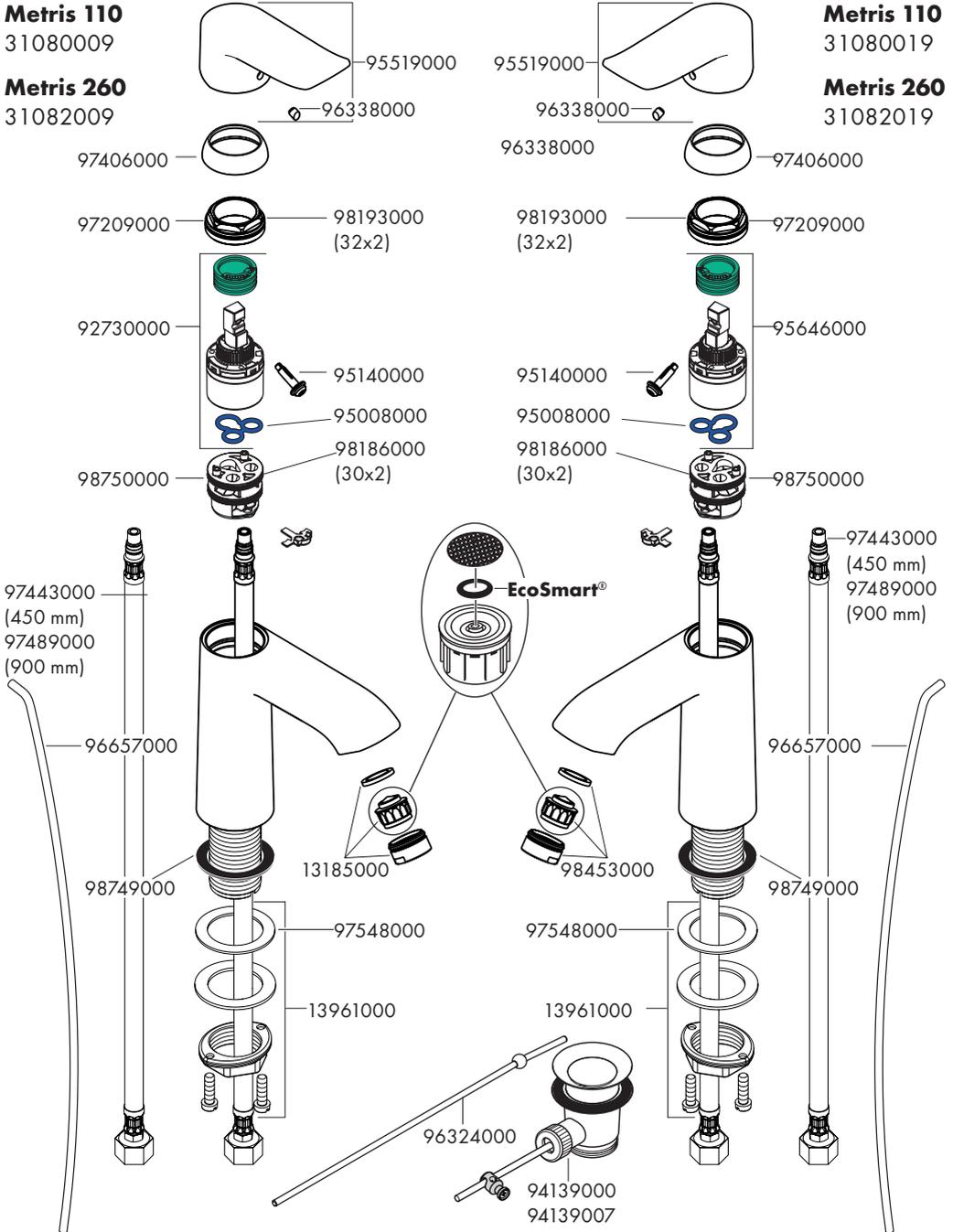
31082009

Metris 110

31080019

Metris 260

31082019





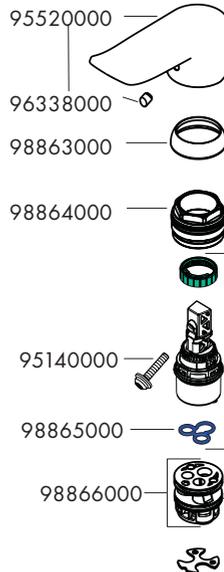
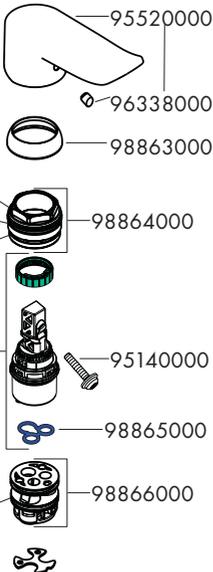
Metris 100

31088009

Metris 200

31183009

- 98398000 (23x2)
- 92527000 (27x1,5)
- 98146000 (25x1,5)



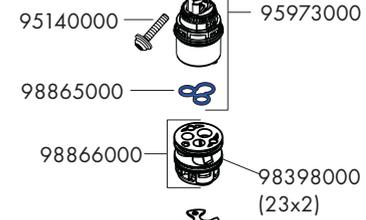
Metris 100

31088019

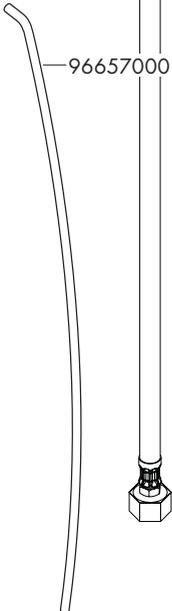
Metris 200

31183019

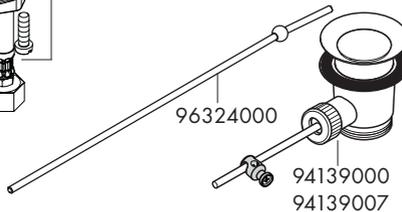
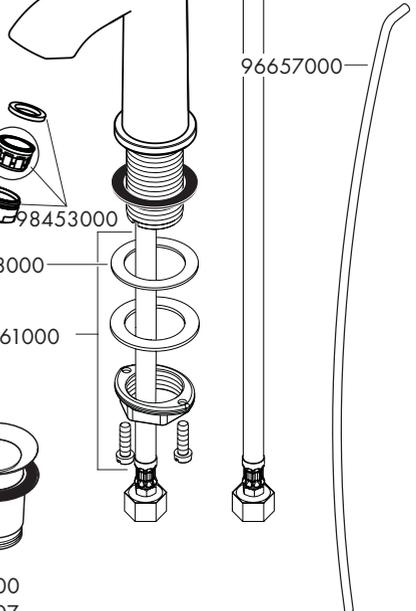
- 98398000 (23x2)
- 92527000 (27x1,5)
- 98146000 (25x1,5)



- 97443000 (450 mm)
- 92482000 (600 mm)



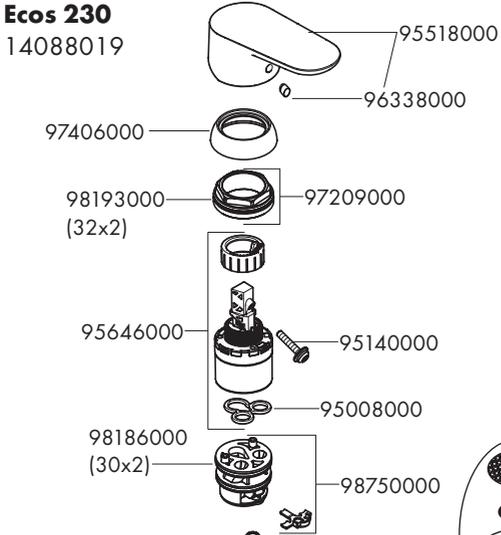
- 97443000 (450 mm)
- 92482000 (600 mm)





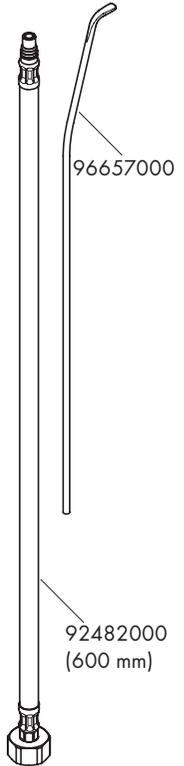
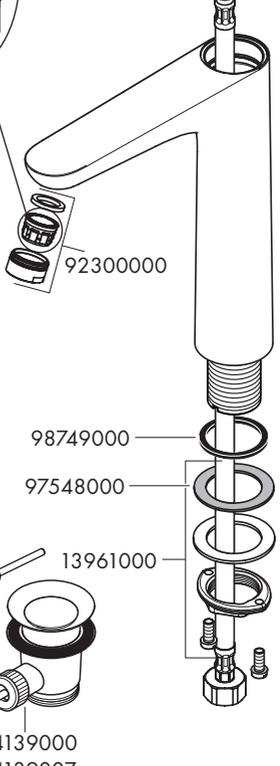
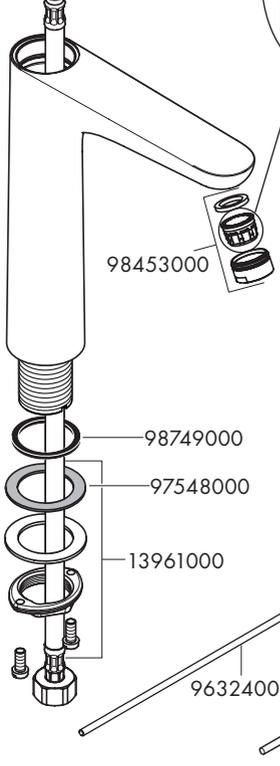
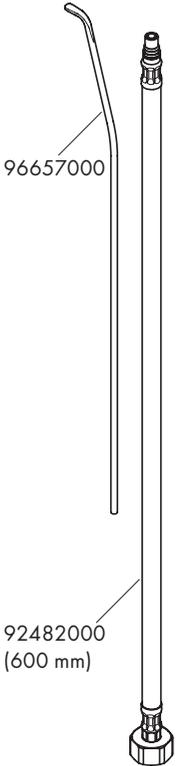
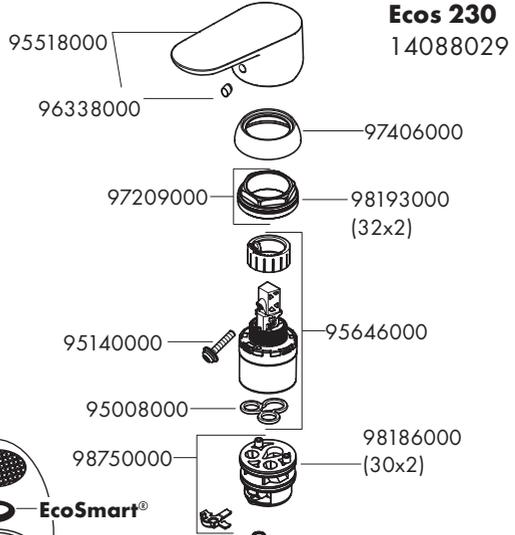
Ecos 230

14088019



Ecos 230

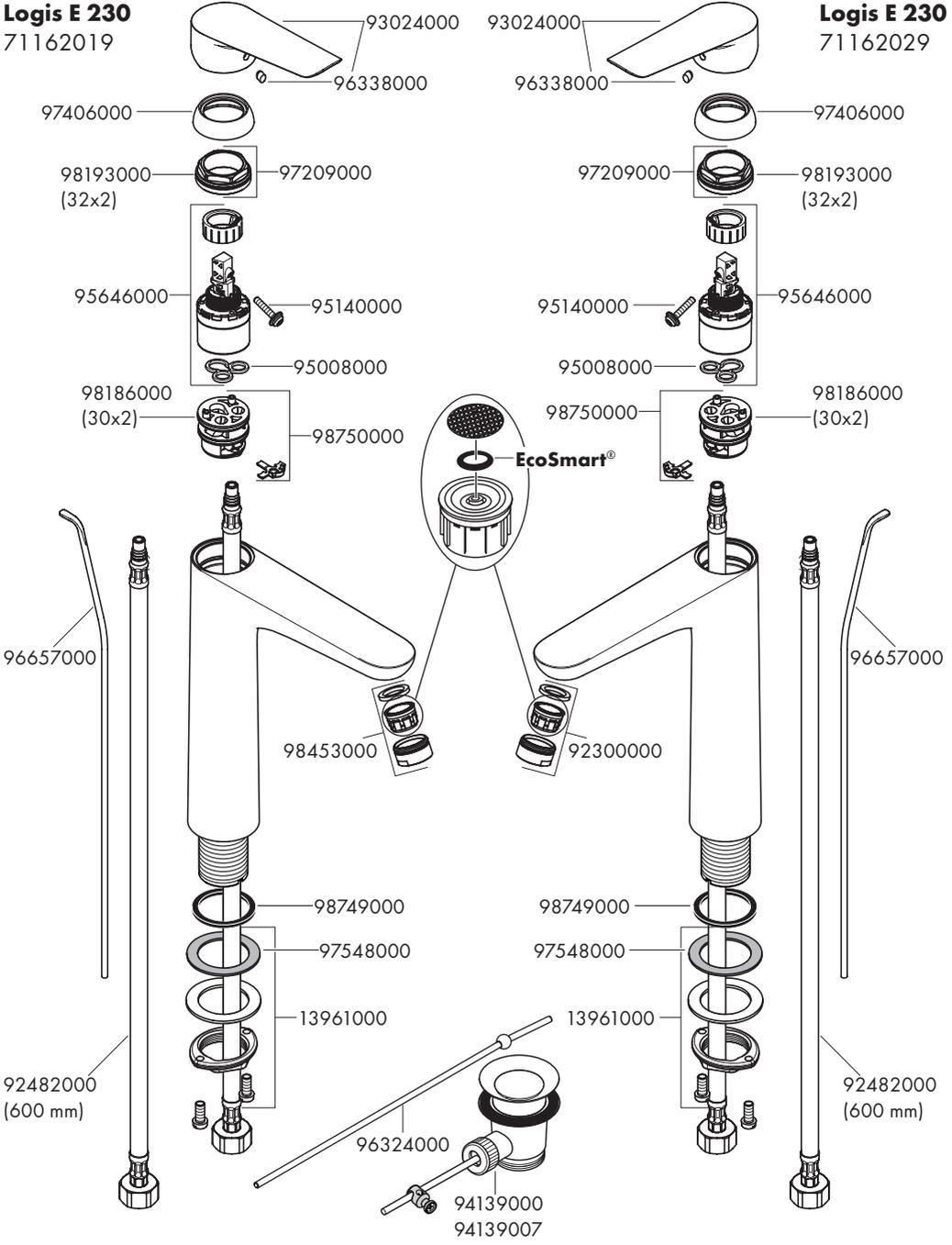
14088029





Logis E 230
71162019

Logis E 230
71162029



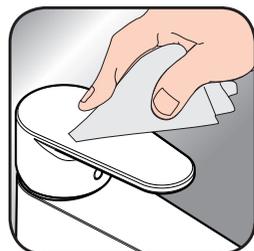


EN Cleaning recommendation / Warranty / Contact

DE Reinigungsempfehlung / Garantie / Kontakt



[www.hansgrohe.com/
cleaning-recommendation](http://www.hansgrohe.com/cleaning-recommendation)



[www.hansgrohe.com/
cleaning-recommendation](http://www.hansgrohe.com/cleaning-recommendation)



[www.hansgrohe.com/
cleaning-recommendation](http://www.hansgrohe.com/cleaning-recommendation)



[www.hansgrohe.com/
cleaning-recommendation](http://www.hansgrohe.com/cleaning-recommendation)