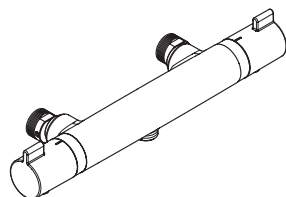


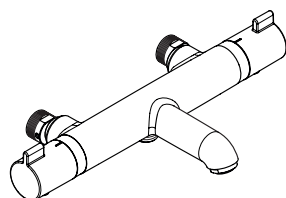
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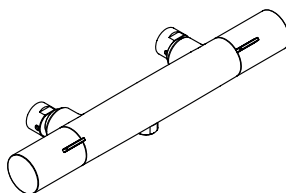
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(RSK: 8310160)



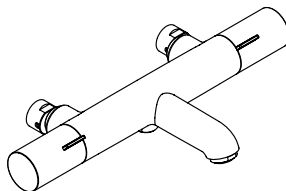
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Ecostat Fine

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(RSK: 8245083)



Safety Notes

- ⚠ Gloves should be worn during installation to prevent crushing and cutting injuries.
- ⚠ The shower system may only be used for bathing, hygienic and body cleaning purposes.

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 product is not designed to be used with steam baths!
- The mixer must be installed, flushed and tested!

Assembly (see page 6)

Technical Data

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. 60 °C
Centre distance:	160 mm
Connections M26 x 1,5:	cold right - hot left
Thermal disinfection:	70 °C / 4 min

- Safety against backflow
- The product is exclusively designed for drinking water!

Symbol description



Do not use silicone containing acetic acid!

max. $\approx 42^{\circ}\text{C}$ Safety Function (see page 7)

The desired maximum temperature for example max. 42°C can be pre-set thanks to the safety function.



Adjustment (see page 12)

After the installation, the output temperature of the thermostat must be checked. A correction is necessary if the temperature measured at the output differs from the temperature set on the thermostat.



Maintenance (see page 8)

- ⚠ The check valves must be checked regularly according to EN 806-5 in accordance with national or regional regulations (at least once a year).
- ⚠ To guarantee the smooth running of the thermostat, it is necessary from time to time to turn the thermostat from total hot to total cold.



Dimensions (see page 13)

Flow diagram (see page 13)

- ① Shower
- ② Bath tub



Spare parts (see page 14)

XX = Colors
00 = Chrome Plated
67 = Matt Black



Cleaning (see page 16)



Operation (see page 10)



Test certificate (see page 16)



Troubleshooting

Fault	Cause	Remedy
Insufficient water	- Supply pressure inadequate	- Check water pressure (If a pump has been installed check to see if the pump is working).
	- Filters are dirty (97367000)	- Clean filter in front of the mixer and on the MTC-thermo cartridge (97367000)
	- Shower filter seal dirty	- Clean filter seal between shower and hose
Crossflow, hot water being forced into cold water pipe, or vice versa, when mixer is closed	- Backflow preventers dirty or leaking	- Clean backflow preventers, exchange if necessary
Spout temperature does not correspond with temperature set	- Thermostat has not been adjusted	- Adjust thermostat
	- Hot water temperature too low	- Increase hot water temperature to 42 °C to 60 °C
Temperature regulation not possible	- thermo cartridge calcified	- Exchange thermo cartridge
Shower or spout dripping	- Dirt or sedimentation on valve seat, shut-off unit damaged	- Clean or exchange shut-off unit



Säkerhetsanvisningar

- ⚠ Handskar ska bäras under monteringsarbetet så att man kan undvika kläm- och skärskador.
- ⚠ Produkten får bara användas till bad, hygien och kroppsrengöring.

Monteringsanvisningar

- Det måste undersökas om produkten har transportskador innan den monteras. Efter monteringen accepteras inga transport- eller ytskiktsskador.
- Produkten är inte avsedd att användas tillsammans med ett ångbad!
- Armaturen måste installeras, genomspolas och testas.

Montering (se sidan 6)

Pressure and permeability test

- The connections of the thermostatic mixer should be tested regular after installation.

Tekniska data

Driftstryck:	max. 1 MPa
Rek. driftstryck:	0,1 - 0,5 MPa
Tryck vid provtryckning:	1,6 MPa (1 MPa = 10 bar = 147 PSI)
Varmvattentemperatur:	max. 60°C
Anslutningsmått:	160 mm
Anslutningar M26 x 1,5:	kallt höger - varmt vänster
Termisk desinfektion:	70°C / 4 min

- Självspärr mot återflöde
- Produkten är enbart avsedd för dricksvatten!

Symbolförklaring



Använd inte silikon som innehåller ättiksyra!

max. $\approx 42^{\circ}\text{C}$ Safety Function (se sidan 7)

Med hjälp av Safety Function kan du ställa in den önskade maximaltemperaturen till exempelvis 42°C och så förhindra skällningsrisk för barn.



Justering (se sidan 12)

När monteringen är klar måste termostatens tömnings-temperatur kontrolleras. En justering är nödvändig om den uppmätta temperaturen vid tappningsstället avviker från den som är inställd på termostaten.



Skötsel (se sidan 8)

- ⚠ Backventilens funktion måste kontrolleras regelbundet enligt nationella eller regionala bestämmelser i enlighet med EN 806-5 (minst en gång per år).
- ⚠ För att garantera att termostaten ej kalkar igen, ska den regelbundet, en gång per vecka, konditioneras. Det sker genom att man några gånger snabbt slår om temperaturen från hett till kallt och tillbaka.



Måtten (se sidan 13)

Flödesschema (se sidan 13)

- ① Dusch
- ② Kar



Reservdelar (se sidan 14)

XX = Färgkodning
00 = Krom
67 = Matt Black



Rengöring (se sidan 16)



Hantering (se sidan 10)

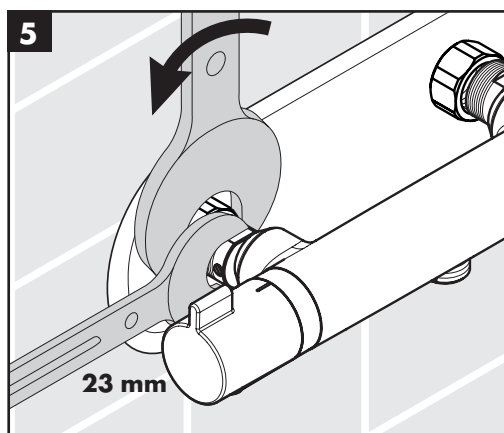
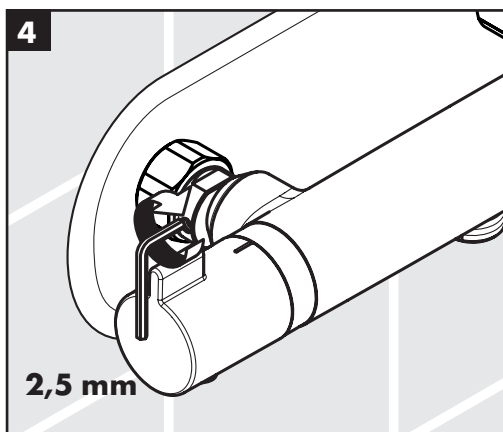
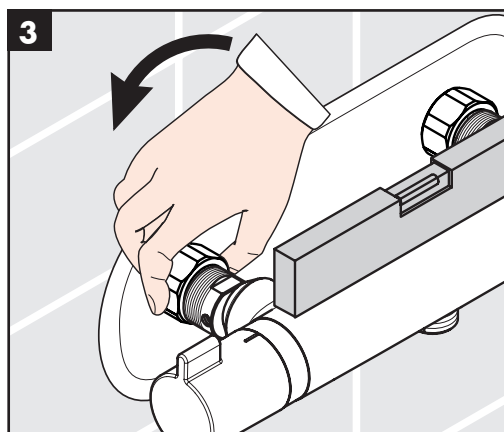
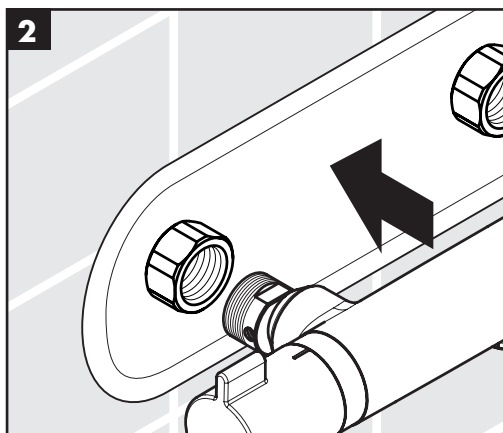
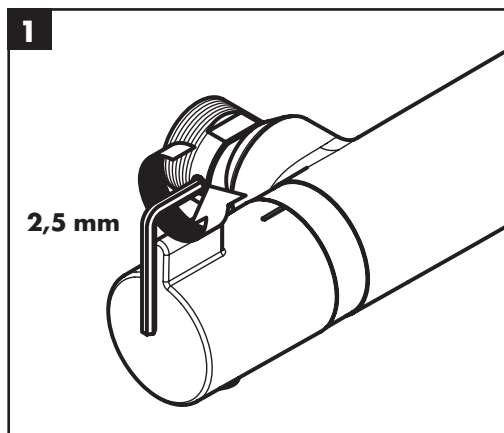


Testsigill (se sidan 16)



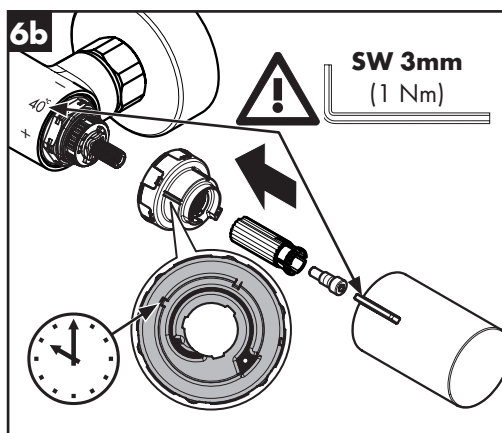
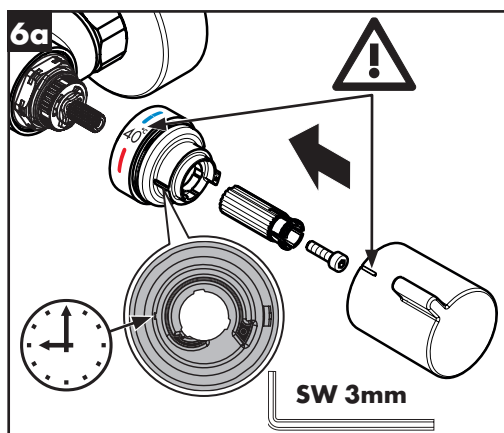
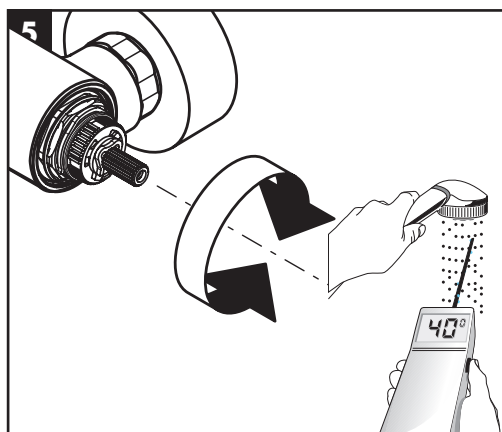
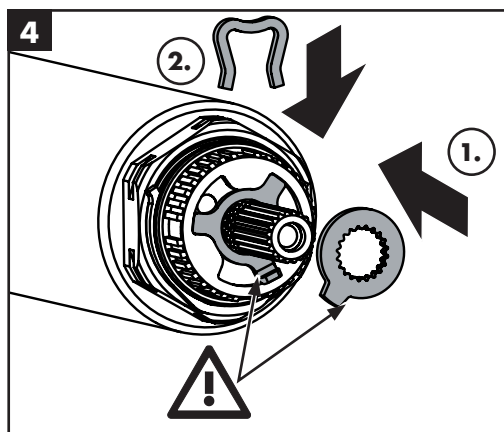
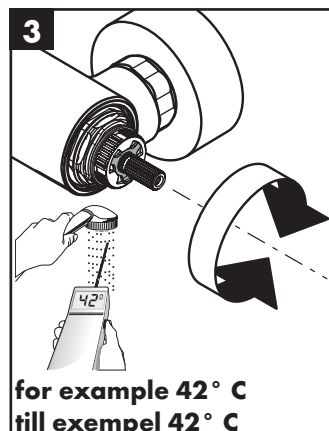
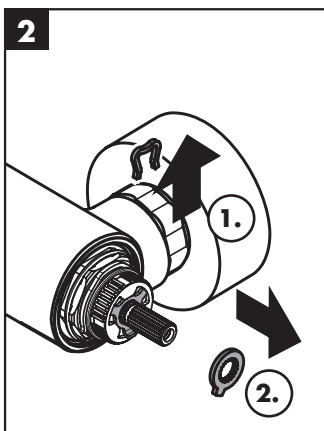
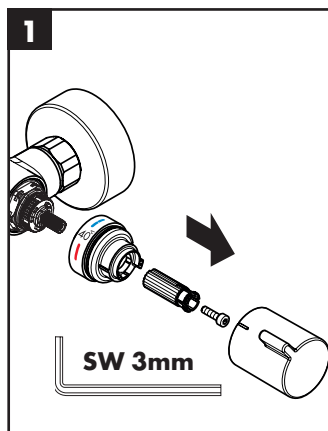
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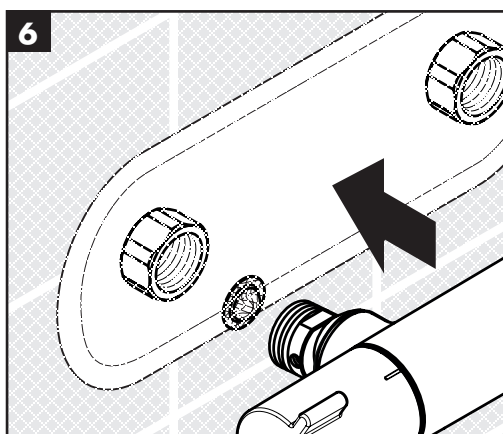
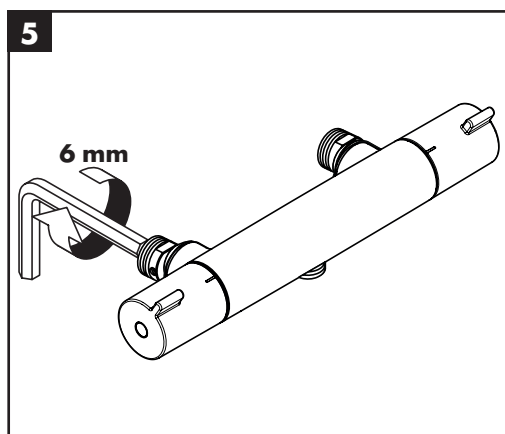
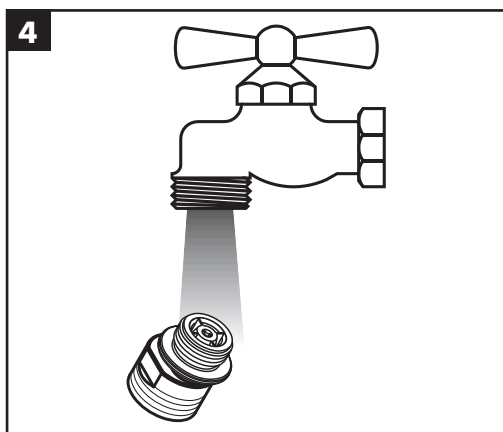
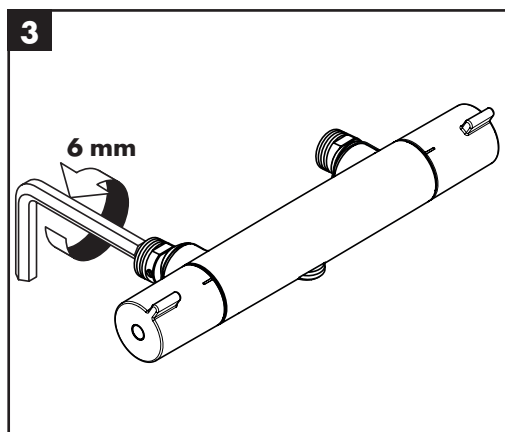
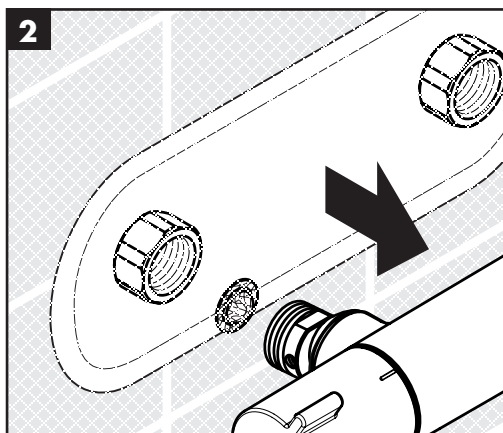
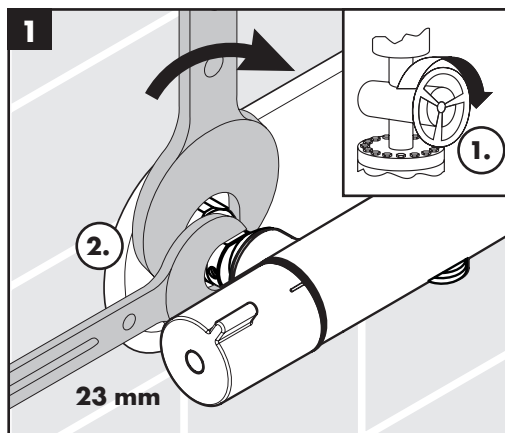
Störning	Orsak	Åtgärd
För lite vatten	- Vattentrycket är för lågt - Smutsfiltren är igensmutsade (97367000) - Silfiltret i duschen smutsigt	- Kontrollera ledningstryck - Rengör smutsfiltren vid inloppen och på termosensorn (97367000) - Rengör silfiltret mellan slangen och termostaten
Korsflöde – varmt vatten pressas vid avstängd ermostat in i kallvatten-inloppet, och vice versa	- Backventil är igensmutsad eller otät	- Rengör backventil, byt ut om nödvändigt
Den faktiska vatten-temperaturen stämmer inte överens med den inställda	- Termostaten ställdes inte in - Varmvattentemperaturen är för låg	- Justera termostaten - Höj varmvattentemperaturen till mellan 42 °C och 60 °C
Temperaturen kan ej ställas in	- Termosensorn är igenkalkad	- Byt termosensorn
Det droppar ur handdusch eller utloppspip till kar	- Smuts eller avlagringar på packningen, överdelen på avstängningsventilen är skadad	- Rengör eller byt överdelen av avstängningsventilen

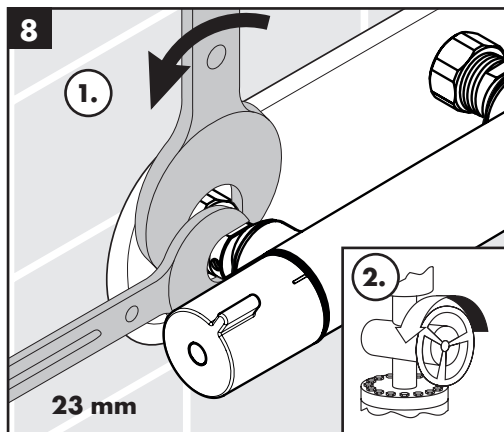
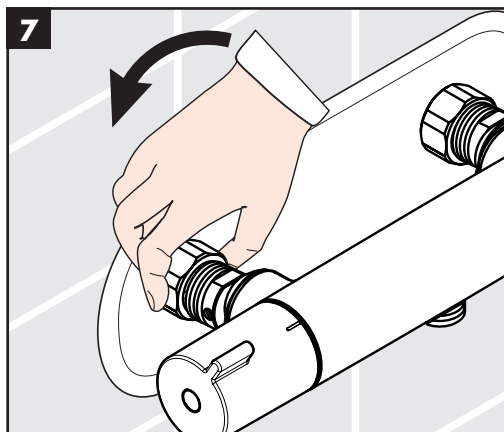


The nuts of the installation plate must be tightened to the manufacturer's instructions.

Muttrarna dras åt enligt monteringsanvisningen från leverantören av blandarfäste.

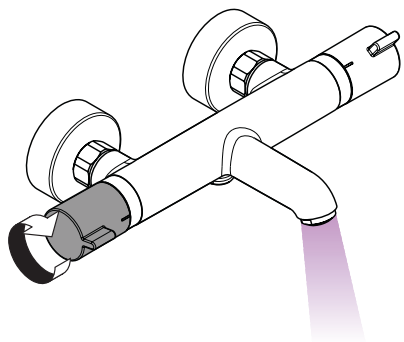




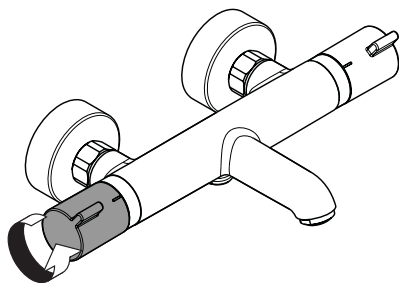


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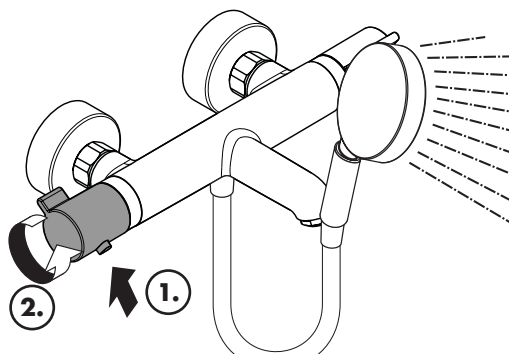
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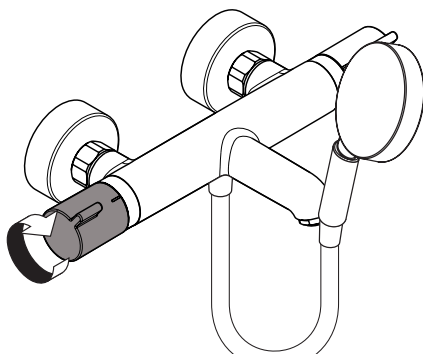
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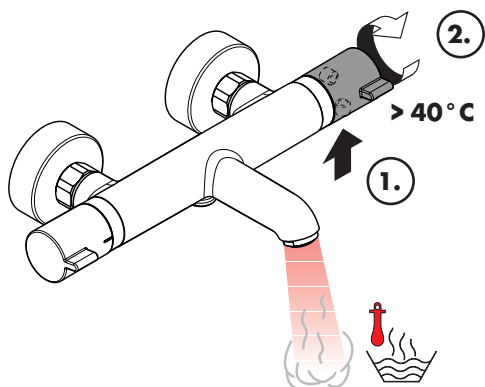
close / stänga



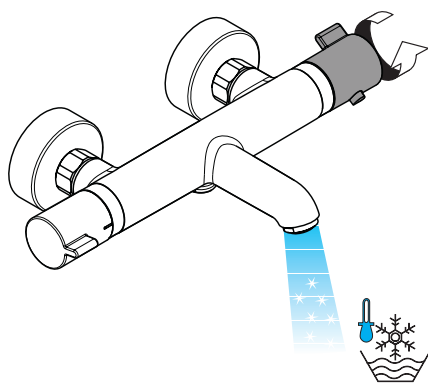
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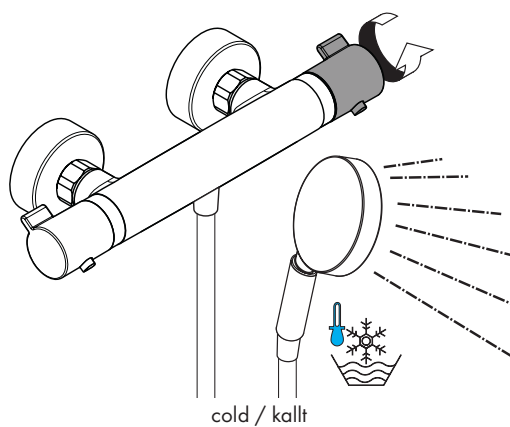
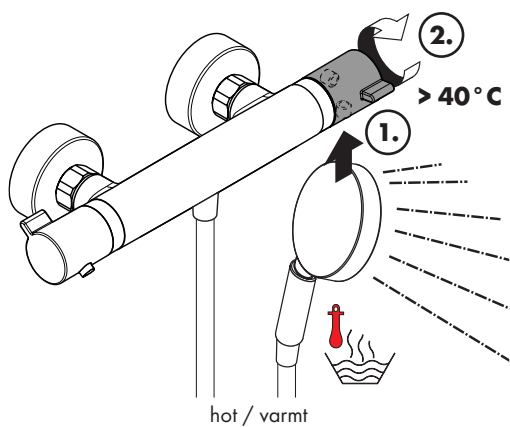
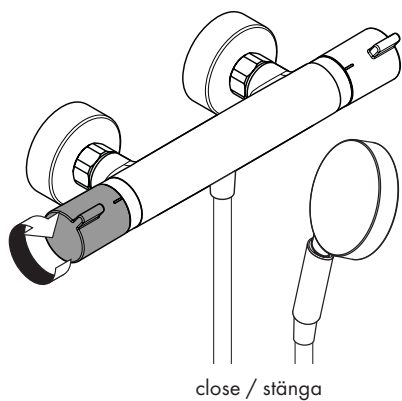
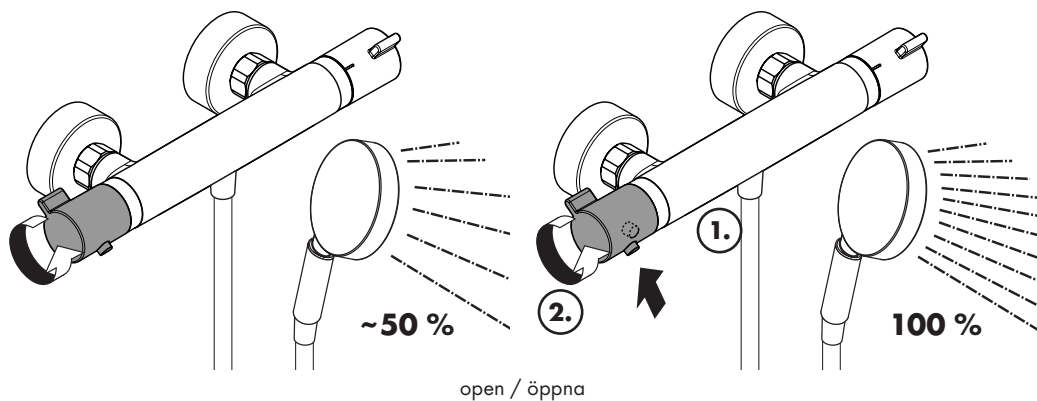
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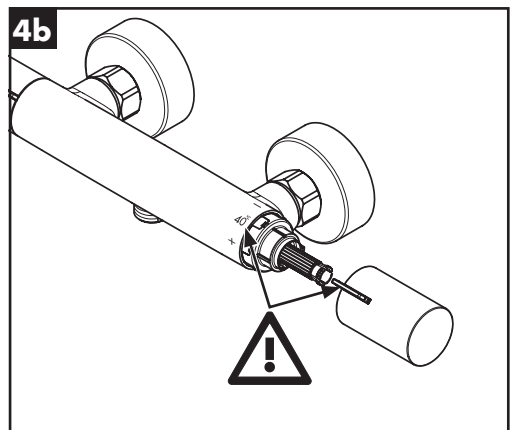
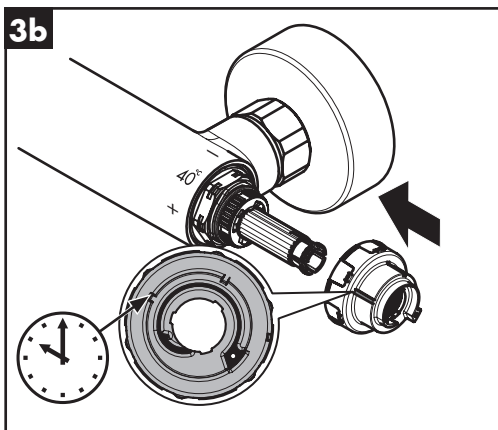
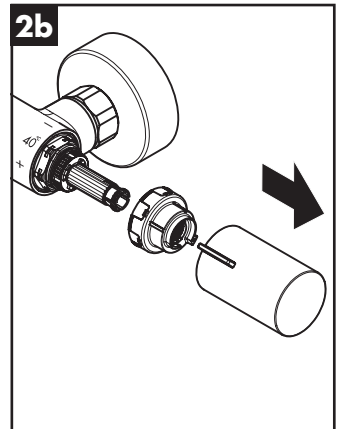
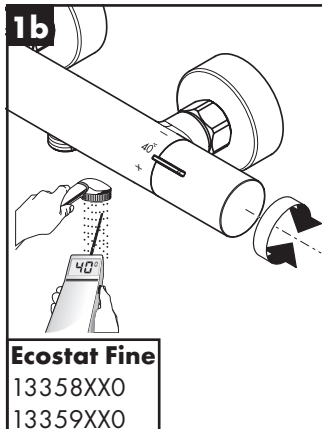
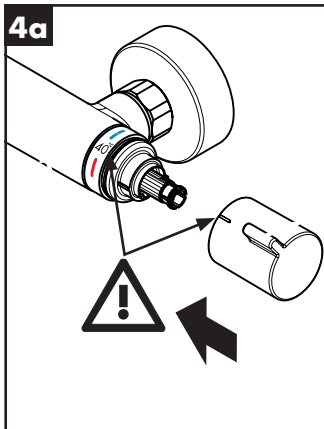
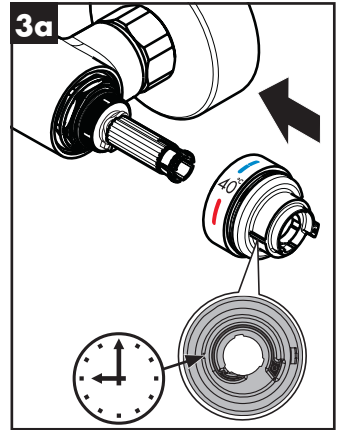
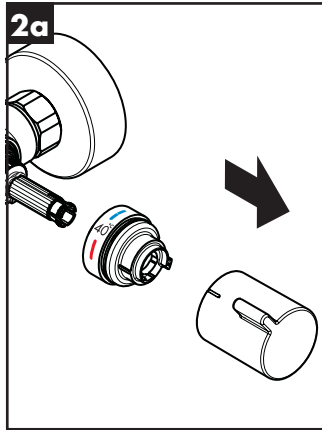
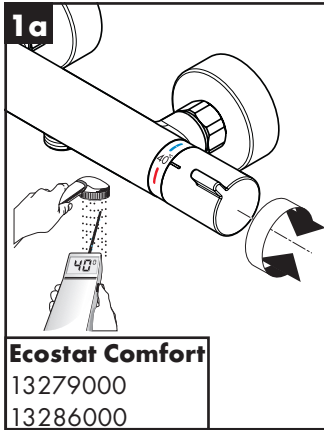


hot / varmt



cold / kallt

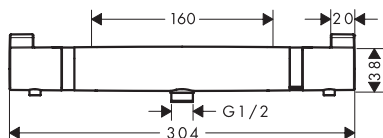
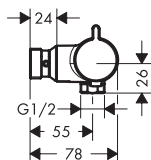






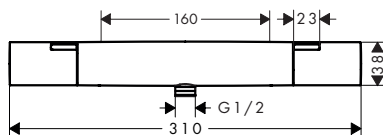
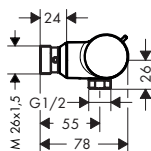
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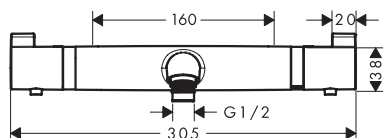
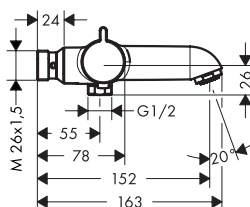
Ecostat Fine

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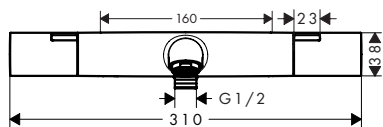
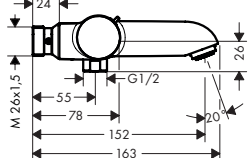
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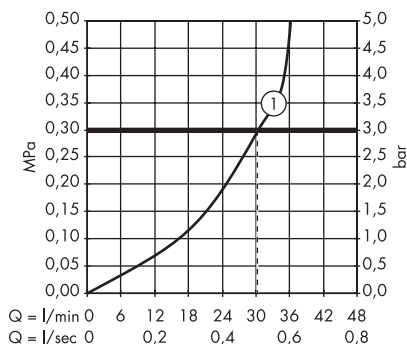


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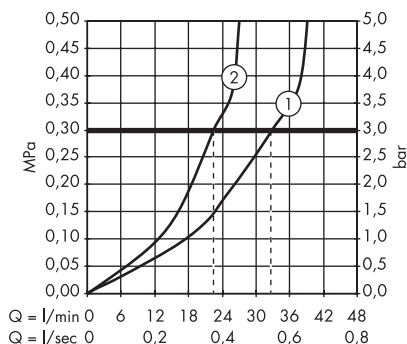


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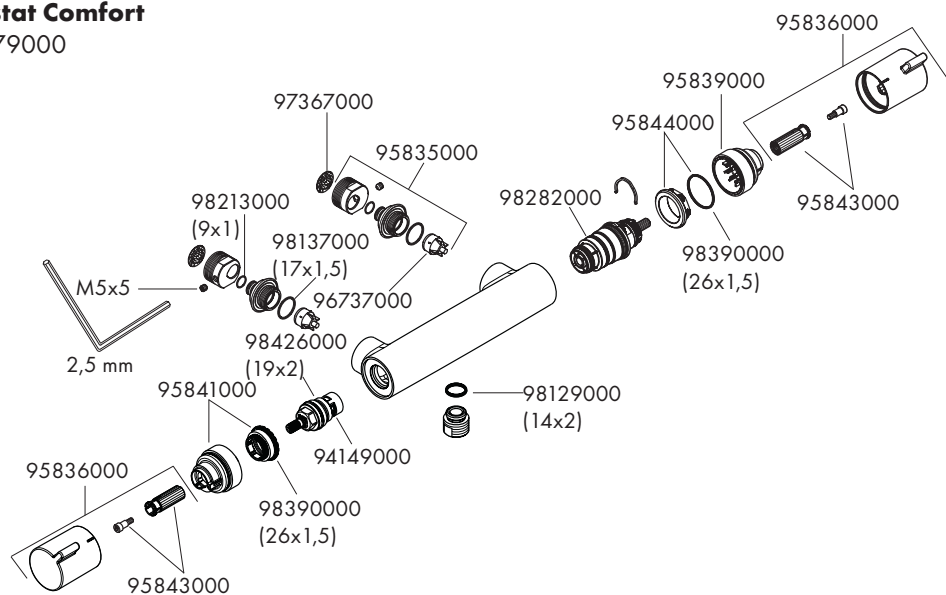
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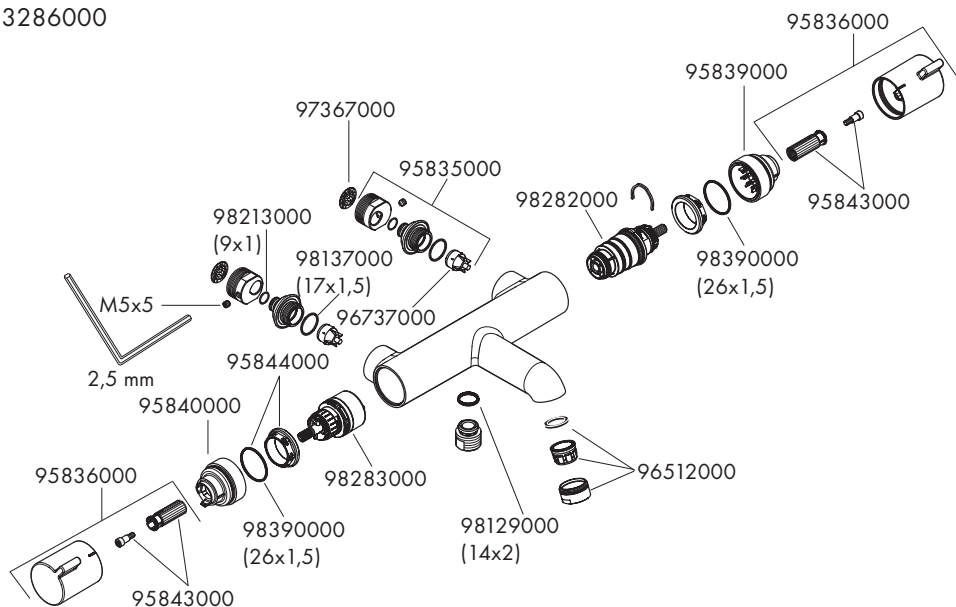
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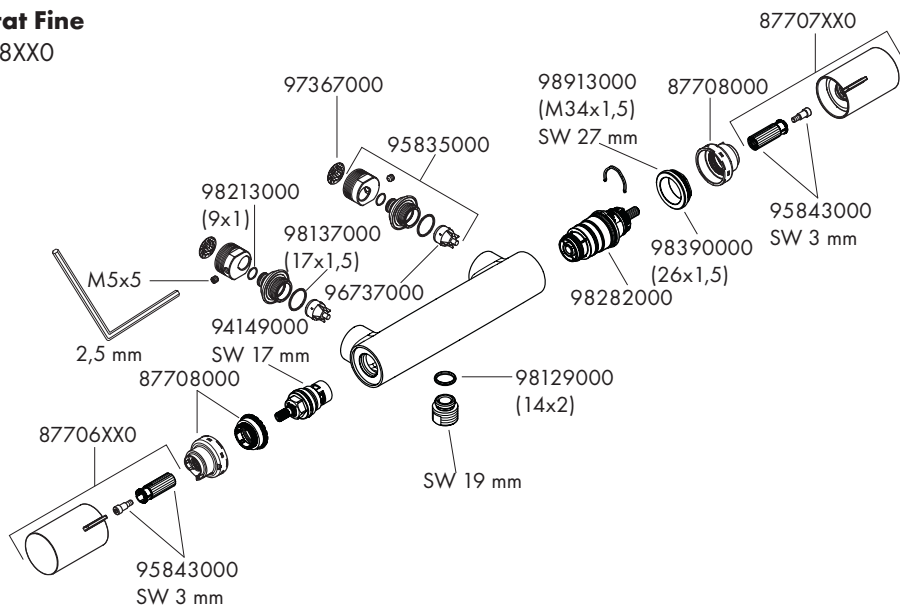
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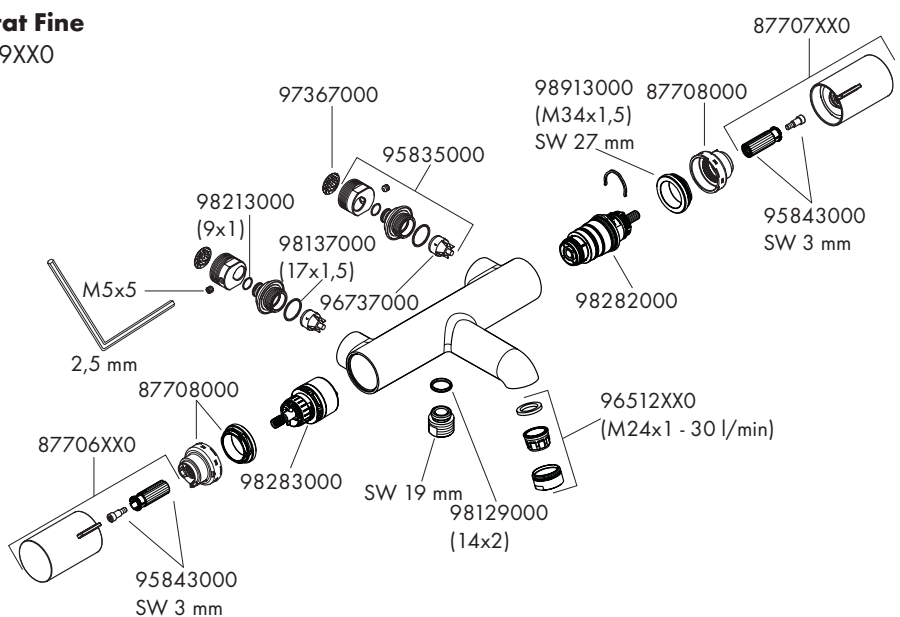




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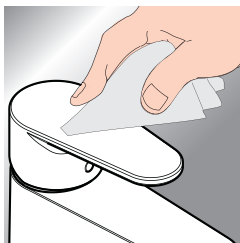


Ecostat Fine 13359XX0





www.hansgrohe.com/cleaning-recommendation



[*www.hansgrohe.com/warranty](http://www.hansgrohe.com/warranty)



EN Cleaning recommendation / Warranty / Contact

SV Rengöringsrekommendationer / Garanti / Contacto



DVGW **STF**  **ETA**

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