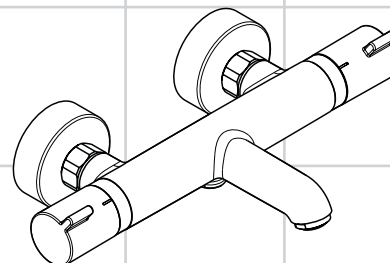


<b>DE</b>	Gebrauchsanleitung / Montageanleitung	<b>2</b>
<b>FR</b>	Mode d'emploi / Instructions de montage	<b>3</b>
<b>EN</b>	Instructions for use / assembly instructions	<b>4</b>
<b>IT</b>	Istruzioni per l'uso / Istruzioni per Installazione	<b>5</b>
<b>ES</b>	Modo de empleo / Instrucciones de montaje	<b>6</b>
<b>NL</b>	Gebruiksaanwijzing / Handleiding	<b>7</b>
<b>DK</b>	Brugsanvisning / Monteringsvejledning	<b>8</b>
<b>PT</b>	Instruções para uso / Manual de Instalação	<b>9</b>
<b>PL</b>	Instrukcja obsługi / Instrukcja montażu	<b>10</b>
<b>CS</b>	Návod k použití / Montážní návod	<b>11</b>
<b>SK</b>	Návod na použitie / Montážny návod	<b>12</b>
<b>ZH</b>	用户手册 / 组装说明	<b>13</b>
<b>RU</b>	Руководство пользователя / Инструкция по монтажу	<b>14</b>
<b>FI</b>	Käyttöohje / Asennusohje	<b>15</b>
<b>SV</b>	Bruksanvisning / Monteringsanvisning	<b>16</b>
<b>LT</b>	Vartotojo instrukcija / Montavimo instrukcijos	<b>17</b>
<b>HR</b>	Upute za uporabu / Uputstva za instalaciju	<b>18</b>
<b>TR</b>	Kullanım kılavuzu / Montaj kılavuzu	<b>19</b>
<b>RO</b>	Manual de utilizare / Instrucțiuni de montare	<b>20</b>
<b>EL</b>	Οδηγίες χρήσης / Οδηγία συναρμολόγησης	<b>21</b>
<b>SL</b>	Navodilo za uporabo / Navodila za montažo	<b>22</b>
<b>ET</b>	Kasutusjuhend / Paigaldusjuhend	<b>23</b>
<b>LV</b>	Lietošanas pamācība / Montāžas instrukcija	<b>24</b>
<b>SR</b>	Uputstvo za upotrebu / Uputstvo za montažu	<b>25</b>
<b>NO</b>	Bruksanvisning / Montasjeveiledning	<b>26</b>
<b>BG</b>	Инструкция за употреба / Ръководство за монтаж	<b>27</b>
<b>SQ</b>	Udhëzuesi i përdorimit / Udhëzime rreth montimit	<b>28</b>
<b>AR</b>	دليل الاستخدام / تعليمات التجميع	<b>29</b>
<b>HU</b>	Használati útmutató / Szerelési útmutató	<b>30</b>

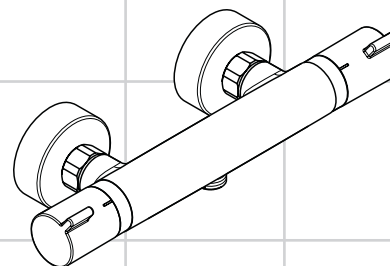


**Ecostat Comfort HQ**

13112000

**Ecostat Comfort**

13114XXX

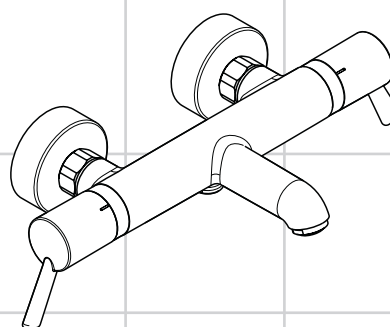


**Ecostat Comfort HQ**

13113000

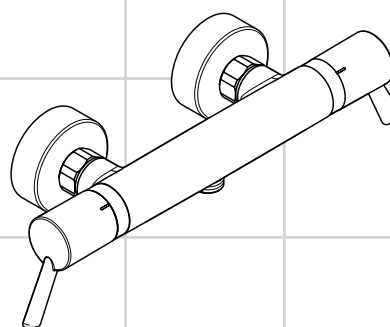
**Ecostat Comfort**

13116XXX



**Ecostat Comfort Care**

13115000



**Ecostat Comfort Care**

13117000



## Sikkerhetshenvisninger

- △ Bruk hansker under montasjen for å unngå klem- og kuttskader.
- △ Produktet skal kun brukes for bade-, hygiene- og kroppshygiene.
- △ Produktet skal ikke brukes som holdegrep. Det skal monteres en separat holdegrep.
- △ Barn og voksne med fysiske og psykiske og/eller sensoriske handicap skal ikke bruke dusjsystemet uten oppsyn. Personer som er påvirket av alkohol eller narkotika skal ikke bruke dusjsystemet.
- △ Store trykkdifferanser mellom kaldt- og varmtvannstilkoblinger skal utlignes.

## Montagehenvisninger

- Før montasjen skal produktet sjekkes for transportskader. Etter monteringen aksepteres ikke noen transport- eller overflateskader.
- Ledningene og armaturen skal monteres, spyles og sjekkes iht. de gyldige normer.
- Gjeldende retningslinjer for rørleggerarbeid i de enkelte land skal følges.
- Produktet er ikke påtenkt for bruk sammen med et dampbad!

## ECOSTAT i forbindelse med gjennomstrømningsvarmer.

- Når det tilkobles en hånddusj, skal en eventuell allerede innbygd drossel i hånddusjen fjernes.
- Når det oppstår problemer med gjennomstrømningsvarmer eller ved store trykkdifferanser skal det monteres en drossel i kaldtvannsforsyningen. Denne kan leveres som ekstrautstyr (artikkelnummer 97510000).

## Tekniske data

Driftstrykk	maks. 1 MPa
Anbefalt driftstrykk:	0,1 - 0,5 MPa
Prøvetrykk	1,6 MPa
	(1 MPa = 10 bar = 147 PSI)
Varmtvannstemperatur	maks. 70 °C
Anbefalt temperatur for varmt vann	65 °C
Tilkoblingsmål:	150±12 mm
Tilkoblinger G 1/2:	kaldt høyre - varm venstre
Termisk desinfisering:	maks. 70 °C / 4 min

- Egensikker mot tilbakeflyt
- Produktet er utelukkende designet for drikkevann!

## Symbolbeskrivelse



Ikke bruk silikon som inneholder eddiksyre!



## Justering (se side 32)

Etter avsluttet montering skal termostatens utløpstemperatur kontrolleres. Det er nødvendig med korrektur når temperaturen målt ved uttaksstedet avviker fra temperaturen som er innstilt på termostaten.

## max. $\approx 42^{\circ}\text{C}$ Safety Function (se side 32)

Takket være egenskapen "Safety Function" kan det forhåndsinnstilles en ønsket maks. temperatur, f.eks. 42 °C.



## Rengjøring (se side 34)



## Vedlikehold (se side 34)

- Funksjonen til returløpssperren skal iht. DIN EN 1717 og i samsvar med de nasjonale og lokale forskrifter sjekkes regelmessig (minst en gang i året).
- For å holde regulerings-enheten bevegelig, skal termostaten stilles fra tid til annen på helt varmt og helt kaldt.)



## Mål (se side 35)



## Gjennomstrømningsdiagram (se side 35)

- ① Utgang dusj
- ② Utgang kar



## Servicedeler (se side 36)

XXX = Fargekode  
 000 = Krom  
 340 = Brushed Black Chrome  
 670 = Matt Black  
 700 = Matt White  
 800 = Rustfritt Stål Optikk  
 990 = Gull-Optikk

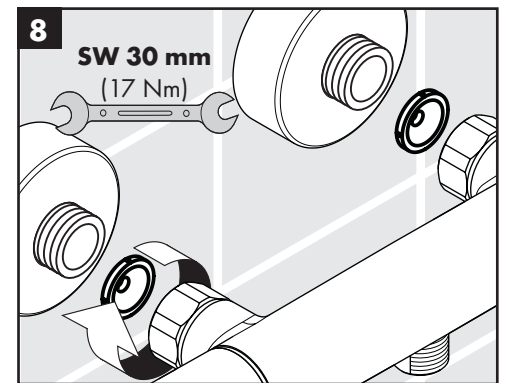
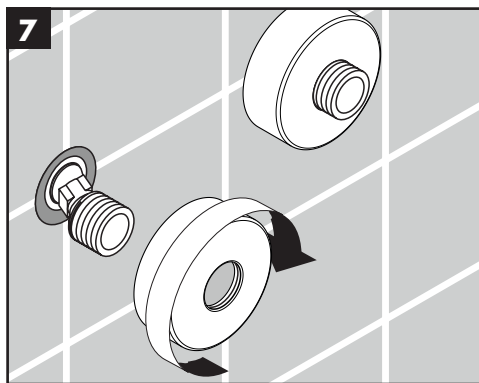
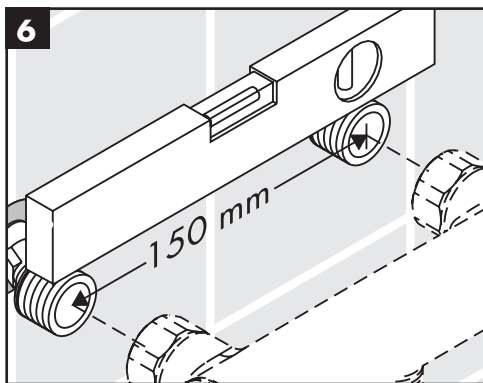
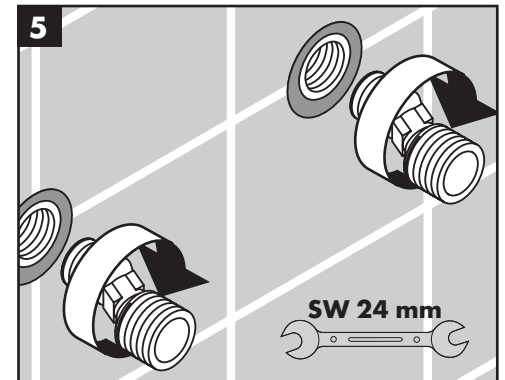
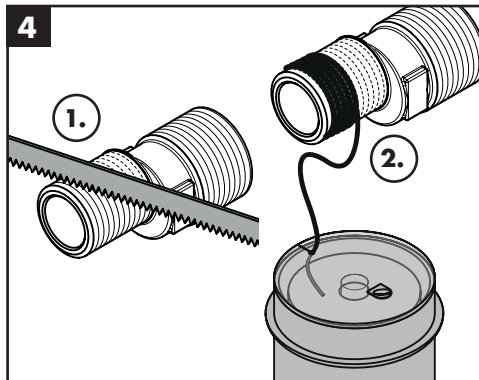
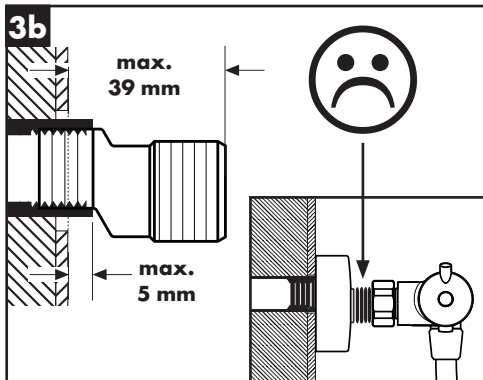
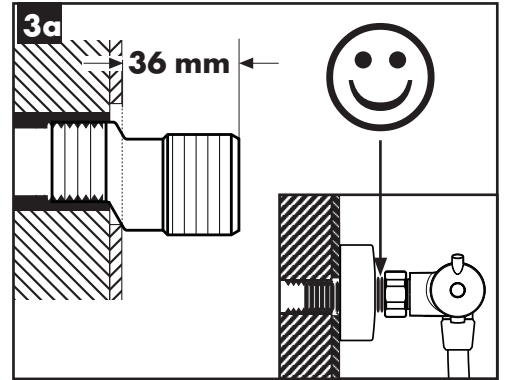
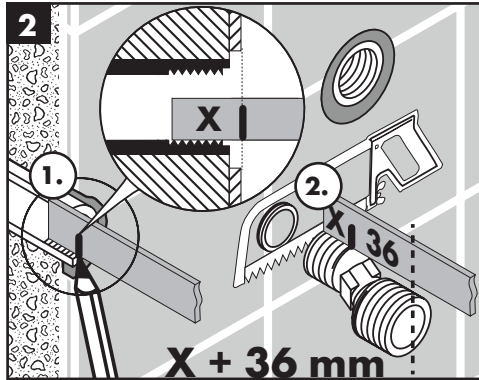
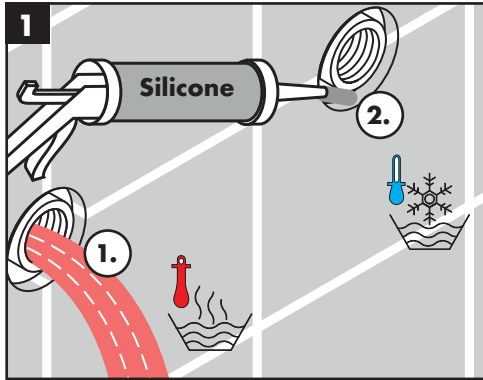


## Betjening (se side 33)

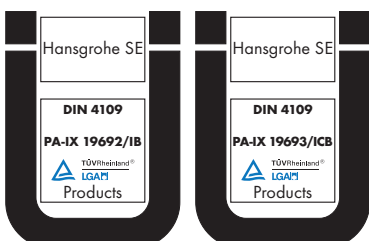


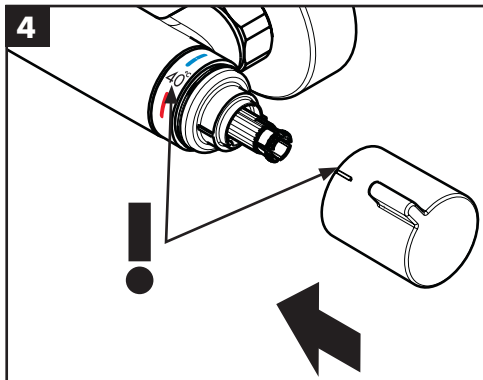
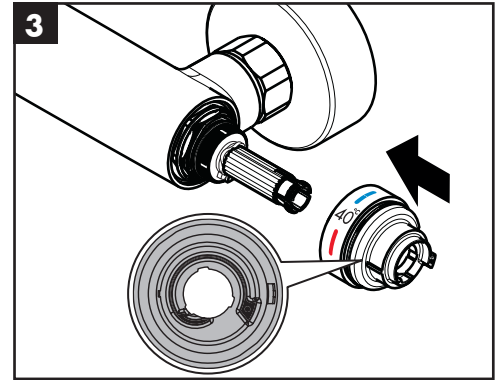
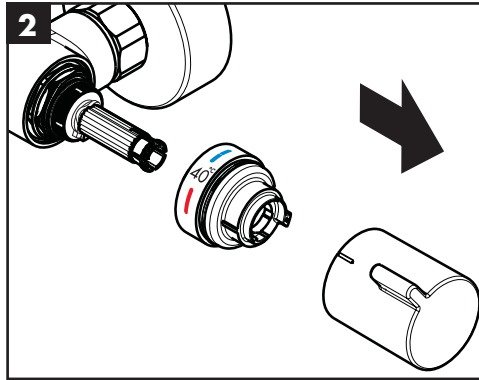
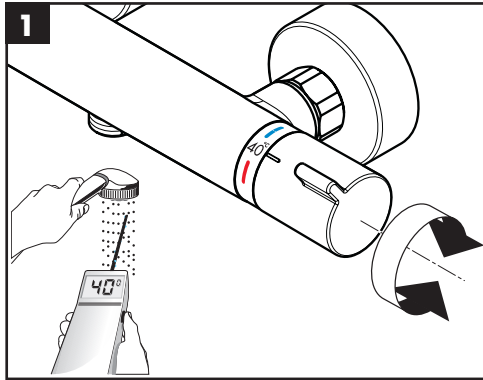
## Prøvermerke (se side 31)

Feil	Årsak	Feilrettelse
Lite vann	- Forsyningsstrykk er ikke tilstrekkelig - Smussfangersil til reguleringsenheten skitten.	- Ledningsstrykk sjekkes - Smussfangersil før termostaten og på reguleringsenheten rengjøres
Krysstrømning, varmt vann presses ved lukket armatur inn i kaldtvannsledning eller omvendt	- Dusjens silpakning er skitten - Returløpstopper skitten / defekt	- Silpakning mellom dusj og slangen rengjøres - Returløpstopper rengjøres, byttes hvis nødvendig
Utløpstemperatur samsvarer ikke med innstilt temperatur	- Termostat ble ikke justert - For lav varmtvannstemperatur	- Termostat justeres - Varmtvannstemperatur økes til mellom 42 °C og 65 °C
Temperaturregulering er ikke mulig	- reguleringsenhet forkalket - Smuss eller avleiringer på tetningen, avsperrings-overdel skadet	- reguleringsenhet byttes - Avsperrings-overdel rengjøres hhv. Byttes
gjennomstrømningsvarmer innkobler ikke under termostatdrift	- Smussfangersil skitten - Returløpstopper sitter fast - Drossel til hånddusjen ikke fjernet	- Smussfangersil rengjøres / byttes - Returløpstopper byttes - Drossel fjernes fra hånddusjen
Dusj eller utløp drypper	- Smuss eller avleiringer på tetningen, avsperrings-overdel skadet	- Avsperrings-overdel rengjøres hhv. Byttes

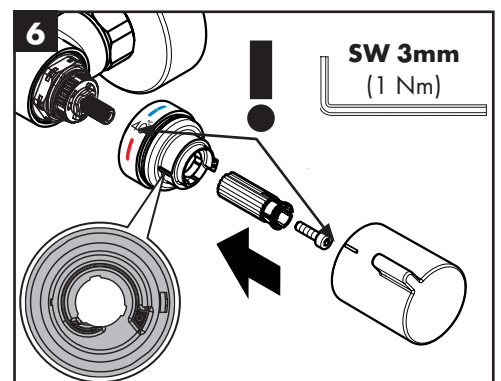
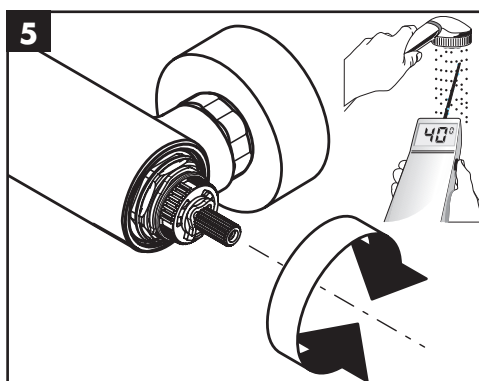
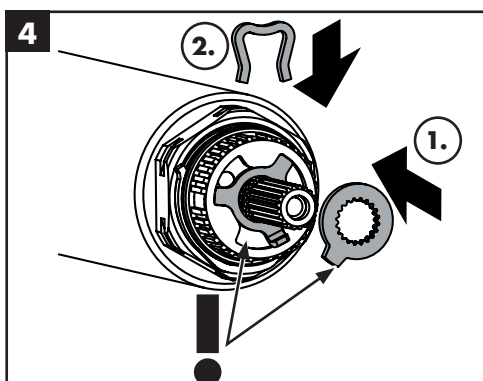
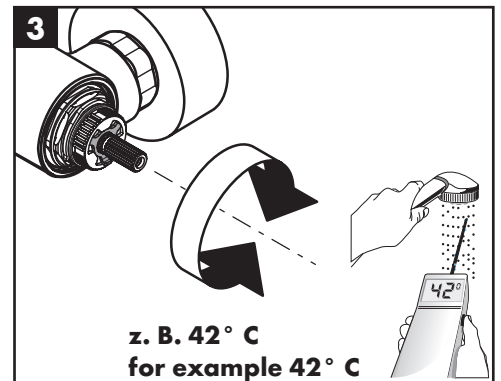
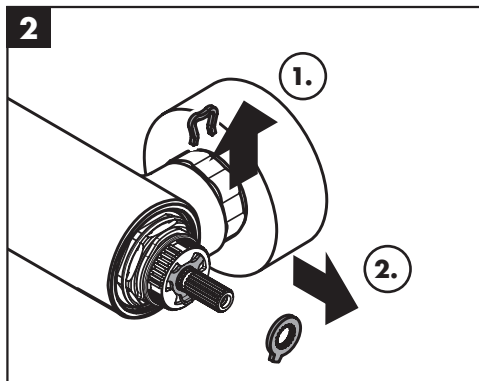
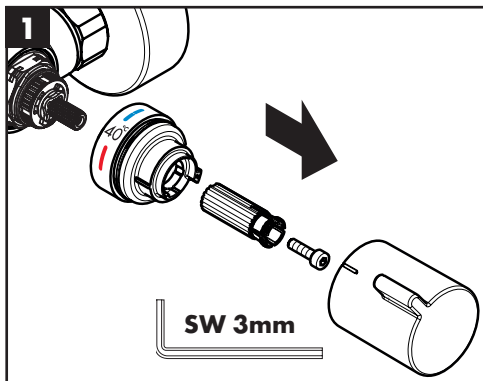


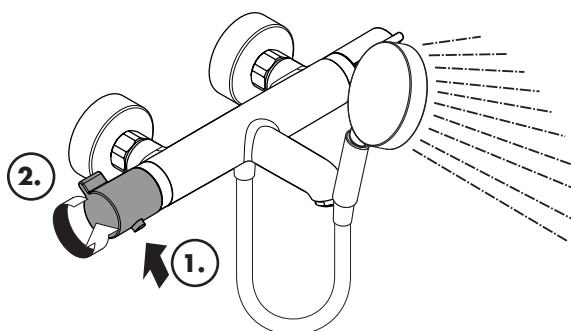
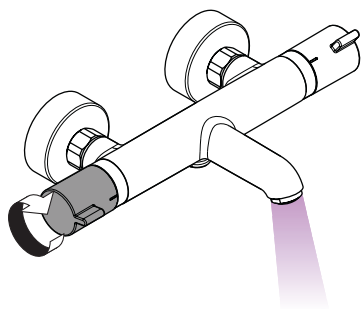
	P-IX	DVGW	CERTIFICATION SE KIWA	TV	SVGW	ACS	NF	WRAS	KIWA	STF	ETA
<b>13112000</b>	PA-IX 19693/ICB	CN0422	1377			X		X	X		va 1.43/20147
<b>13113000</b>	PA-IX 19692/IB	CN0422	1377			X		X	X		va 1.43/20148
<b>13114000</b>	PA-IX 19693/ICB	CN0422	1377			X		X	X		va 1.43/20147
<b>13115000</b>	PA-IX 19693/ICB	CN0422	1377			X		X	X		va 1.43/20147
<b>13116000</b>	PA-IX 19692/IB	CN0422	1377			X		X	X		va 1.43/20148
<b>13117000</b>	PA-IX 19692/IB	CN0422	1377			X		X	X		va 1.43/20148



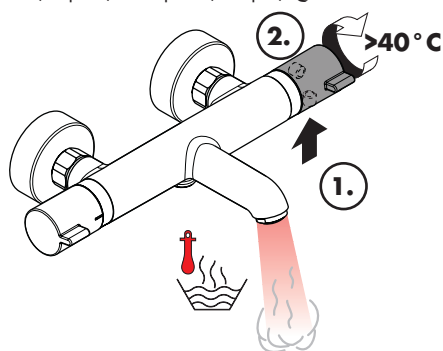


max.  
≈ 42° C

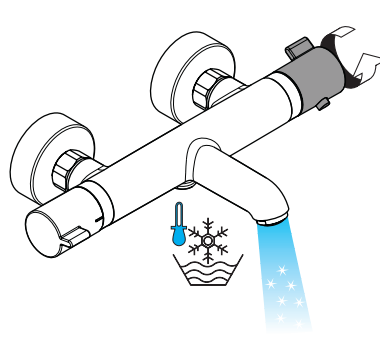




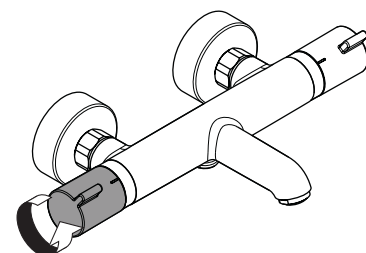
öffnen / ouvert / open / aperto / abierto / open / åbne / abrir / otworzyć / otevřít / otvorit / 开 / открыть / nyítás / avaaminen / öppna / atidaryti / Otvaranje / açmak / deschide / ανοικτό / odpreti / avage / atvērt / otvoriti / åpne / отварање / hare / فتح



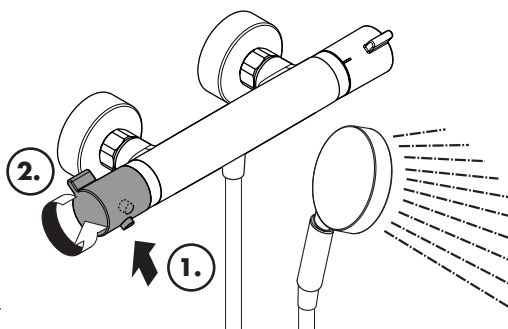
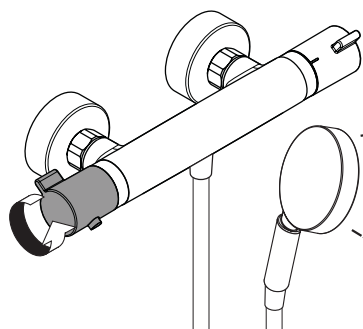
warm / chaud / hot / caldo / caliente / warm / varmt / quente / ciepła / teplá / teplá / 热 / горячая / meleg / lämmin / varmt / karštas / Vruća voda / sıcak / cald / ζεστό / toplo / kuum / karsts / topla / varm / топло / i ngrohtë / ساخن



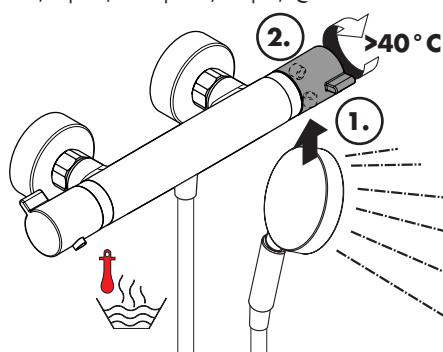
kalt / froid / cold / freddo / frío / koud / koldt / fría / zimna / studená / studená / 冷 / холодная / hideg / kylmä / kallt / šaltas / Hladno / soğuk / reze / κρύο / mrzlo / külm / auksts / hladno / kaldt / студено / i ftohtë / با



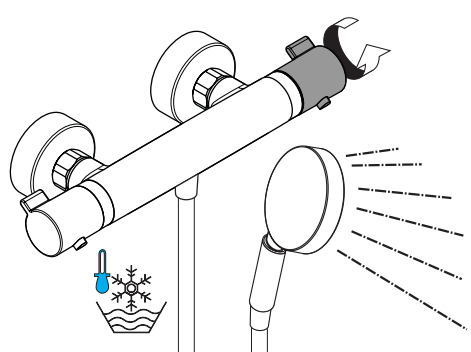
schließen / fermé / close / chiudere / cerrar / sluiten / lukke / fechar / zamknąć / zavřít / uzavrieť / 关 / закрыть / bezárás / sulkeminen / stänga / uždaryti / Zatvaranje / kapatmak / închide / κλειστό / zapreti / sulgege / aizvērt / zatvori / lukke / затваряне / mbylle / إغلاق



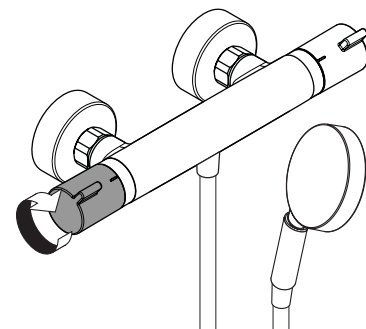
öffnen / ouvert / open / aperto / abierto / open / åbne / abrir / otworzyć / otevřít / otvorit / 开 / открыть / nyítás / avaaminen / öppna / atidaryti / Otvaranje / açmak / deschide / ανοικτό / odpreti / avage / atvērt / otvoriti / åpne / отварање / hare / فتح



warm / chaud / hot / caldo / caliente / warm / varmt / quente / ciepła / teplá / teplá / 热 / горячая / meleg / lämmin / varmt / karštas / Vruća voda / sıcak / cald / ζεστό / toplo / kuum / karsts / topla / varm / топло / i ngrohtë / ساخن



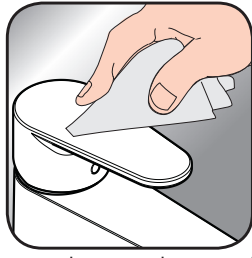
kalt / froid / cold / freddo / frío / koud / koldt / fría / zimna / studená / studená / 冷 / холодная / hideg / kylmä / kallt / šaltas / Hladno / soğuk / reze / κρύο / mrzlo / külm / auksts / hladno / kaldt / студено / i ftohtë / با



schließen / fermé / close / chiudere / cerrar / sluiten / lukke / fechar / zamknąć / zavřít / uzavrieť / 关 / закрыть / bezárás / sulkeminen / stänga / uždaryti / Zatvaranje / kapatmak / închide / κλειστό / zapreti / sulgege / aizvērt / zatvori / lukke / затваряне / mbylle / إغلاق



www.hansgrohe.com/  
cleaning-recommendation



www.hansgrohe.com/  
cleaning-recommendation



www.hansgrohe.com/  
cleaning-recommendation



www.hansgrohe.com/  
cleaning-recommendation

**DE** Reinigungsempfehlung / Garantie / Kontakt

**FR** Recommandation pour le nettoyage / Garanties / Contact

**EN** Cleaning recommendation / Warranty / Contact

**IT** Raccomandazione di pulizia / Garanzia / Contatto

**ES** Recomendaciones para la limpieza / Garantía / Contacto

**NL** Aanbevelingen inzake reiniging / Garantie / Contact

**DK** Rensning, anbefaling / Garanti / Kontakt

**PT** Recomendações de limpeza / Garantia / Contacto

**PL** Zalecenie dotyczące pielęgnacji / Gwarancja / Kontakt

**CS** Doporučení k čištění / Záruka / Kontakt

**SK** Odporúčania pre čistenie / Záruka / Kontakt

**ZH** 清洁指南 / 担保 / 接触

**RU** Рекомендации по очистке / Гарантия / Контакты

**HU** Tisztítási tanácsok / Garancia / érintkezés

**FI** Puhdistussuositus / Takuu / Kosketus

**SV** Rengöringsrekommendationer / Garanti / Kontakt

**LT** Valymo rekomendacijos / Garantija / Kontaktai

**HR** Preporuke za čišćenje / Garancija / Kontakt

**TR** Temizleme önerisi / Garanti / Temas

**RO** Recomandări pentru curățare / Garanție / Contact

**EL** Σύσταση καθαρισμού / Εγγύηση / επαφή

**SL** Priporočilo za čiščenje / Garancija / Kontakt

**ET** Puhastussuovitused / Garantii / Kontakt

**LV** Tīrīšanas ieteikumi / Garantija / Kontakti

**SR** Preporuke za čišćenje / Garancija / Kontakt

**NO** Anbefaling for rengjøring / Garanti / Kontakt

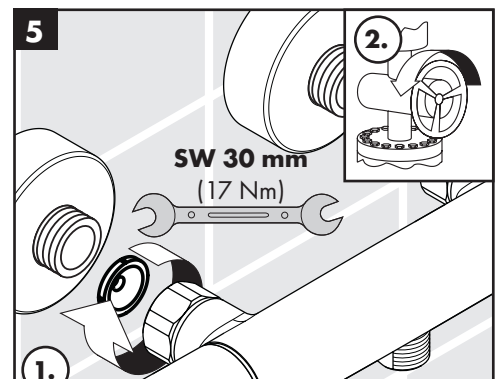
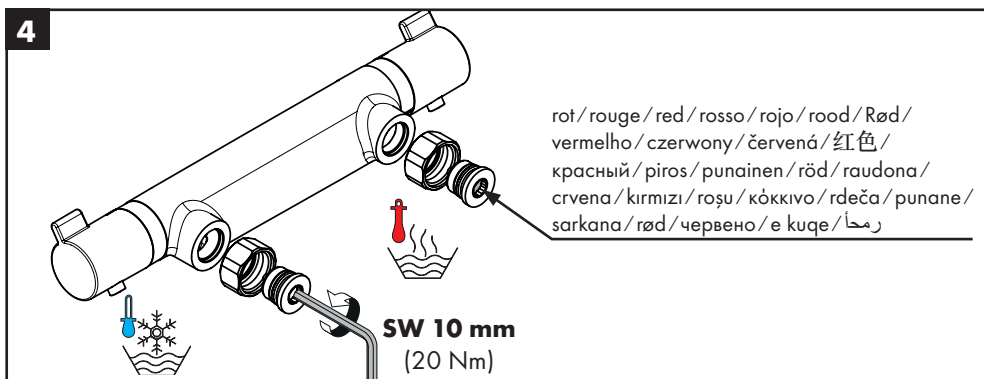
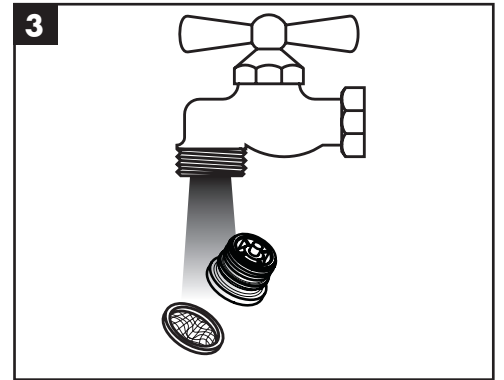
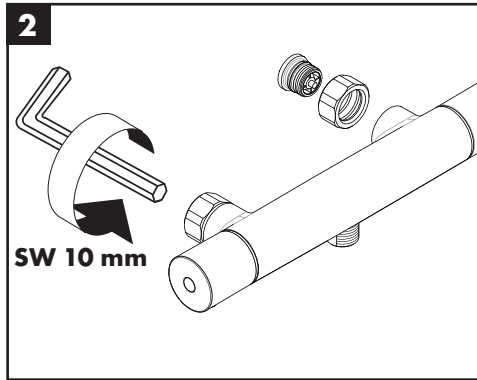
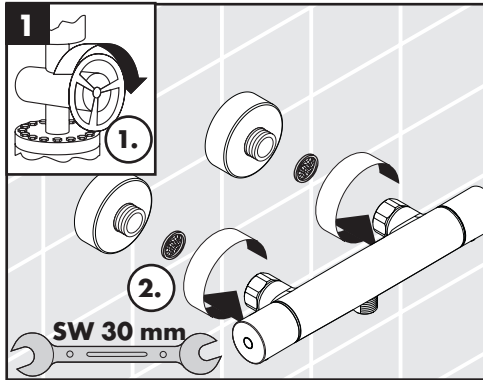
**BG** Препоръка за почистване / Гаранция / Контакт

**SQ** Këshilla rreth pastrimit / Garancia / Kontakt

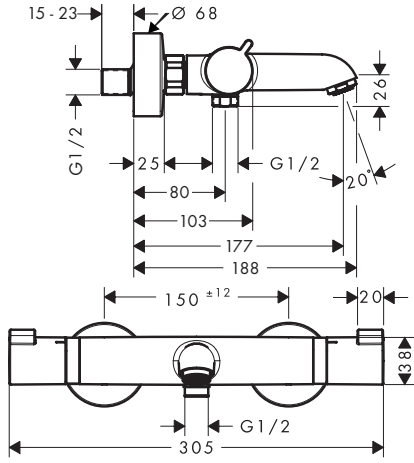
**KO** 세정시 권장사항 / 품질보증 / 접촉

**AR** توصيات التنظيف / الضمان (الولايات المتحدة الأمريكية) / اتصال

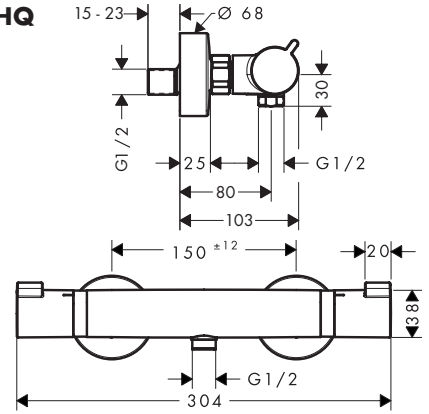
max.  
≈ 42°C



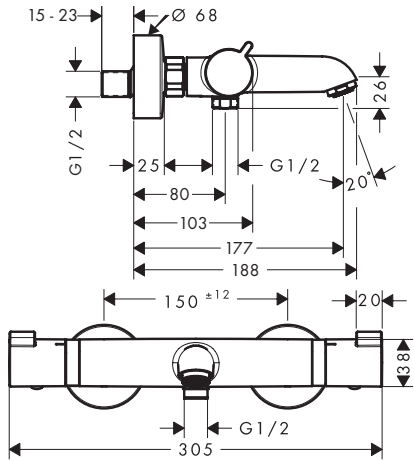
**Ecostat Comfort HQ**  
13112000



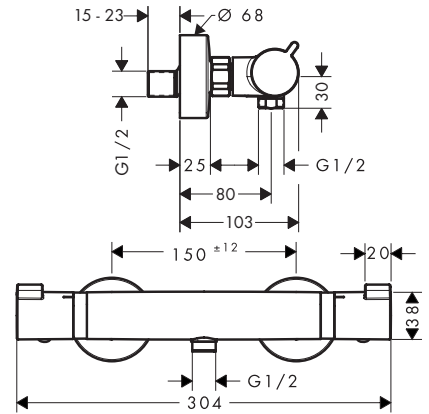
**Ecostat Comfort HQ**  
13113000



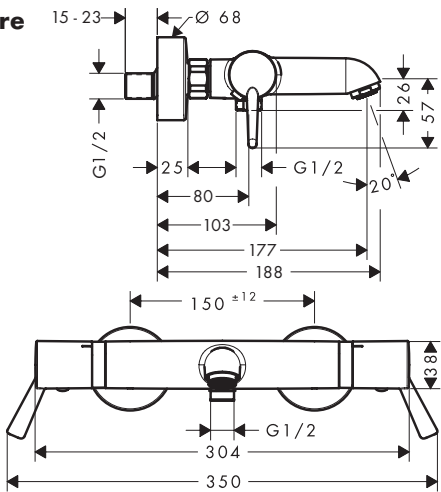
**Ecostat Comfort**  
13114XXX



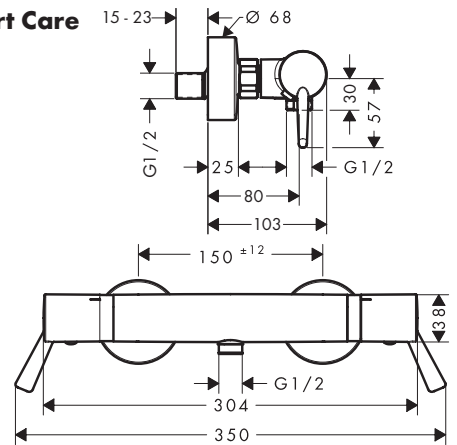
**Ecostat Comfort**  
13116XXX



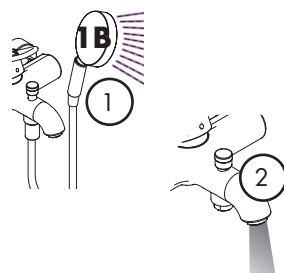
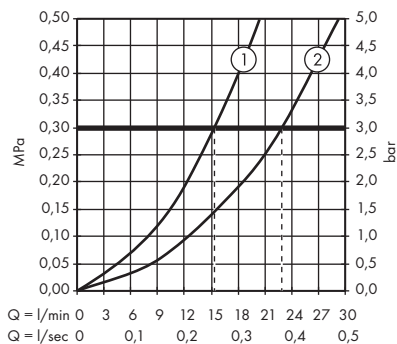
**Ecostat Comfort Care**  
13115000



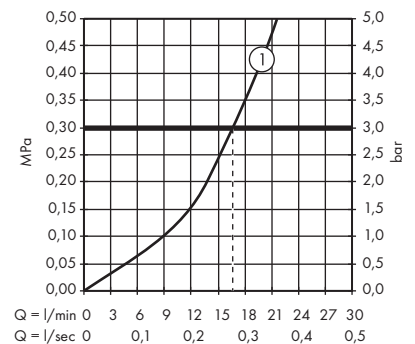
**Ecostat Comfort Care**  
13117000



**Ecostat Comfort HQ 13112000**  
**Ecostat Comfort 13114XXX**  
**Ecostat Comfort Care 13115000**

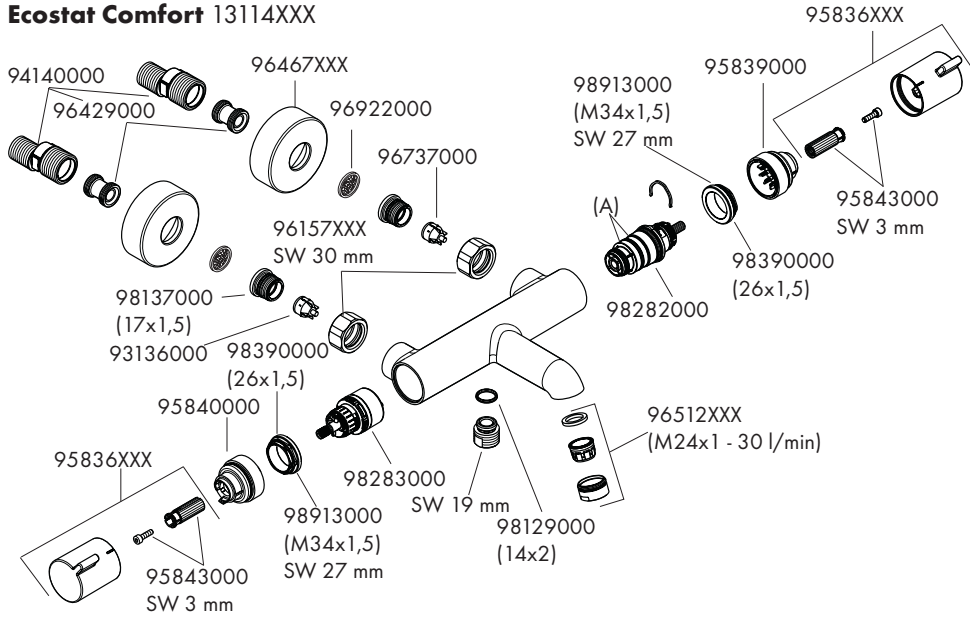


**Ecostat Comfort HQ 13113000**  
**Ecostat Comfort 13116XXX**  
**Ecostat Comfort Care 13117000**

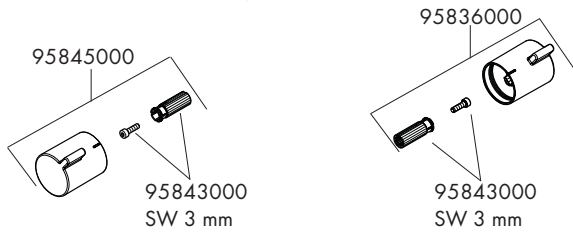




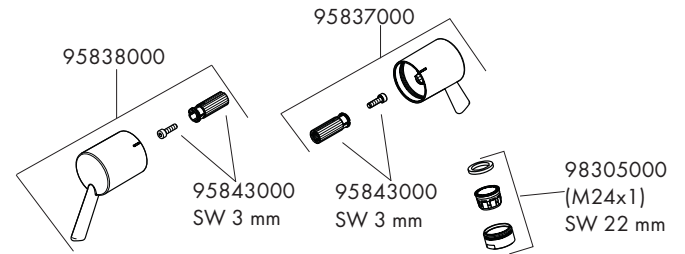
### Ecostat Comfort 13114XXX



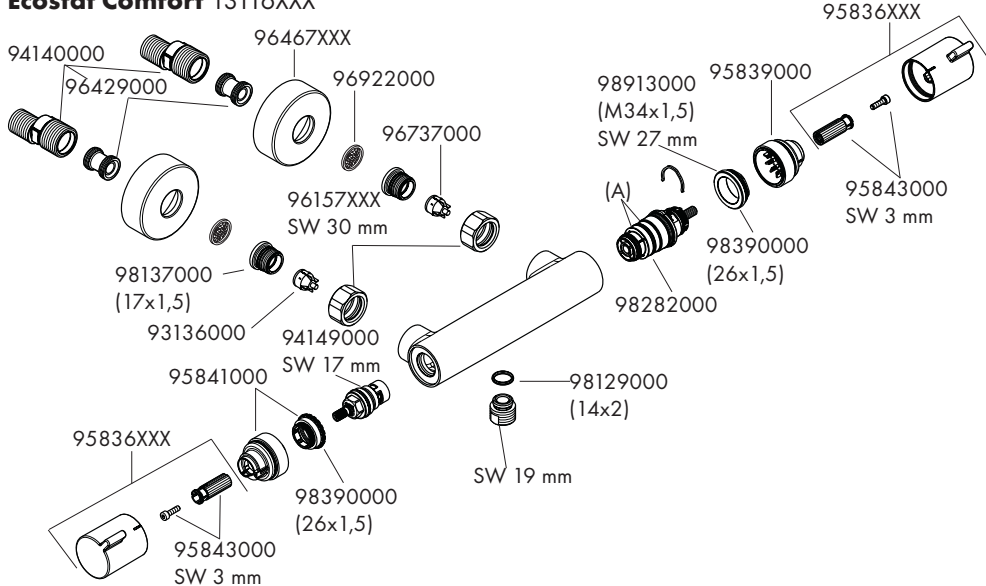
### Ecostat Comfort HQ 13112000



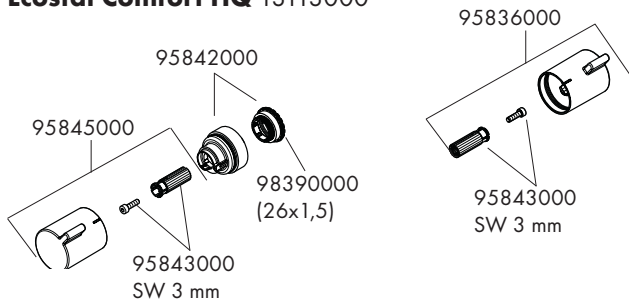
### Ecostat Comfort Care 13115000



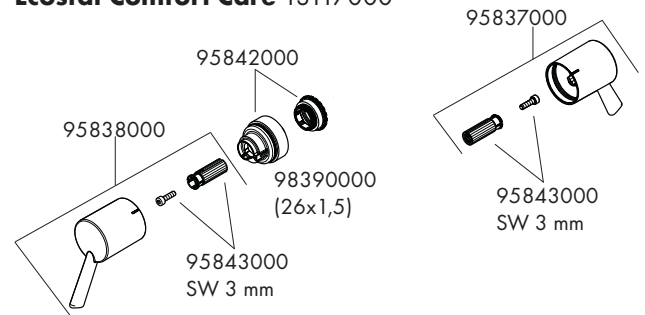
### Ecostat Comfort 13116XXX



### Ecostat Comfort HQ 13113000



### Ecostat Comfort Care 13117000



Hansgrohe · Austraße 5 - 9 · D-77761 Schiltach · Telefon +49 (0) 78 36/51-1282 · Telefax +49 (0) 7836/511440  
E-Mail: info@hansgrohe.com · Internet: www.hansgrohe.com