



INTELLIGENT FACILITY SOLUTIONS

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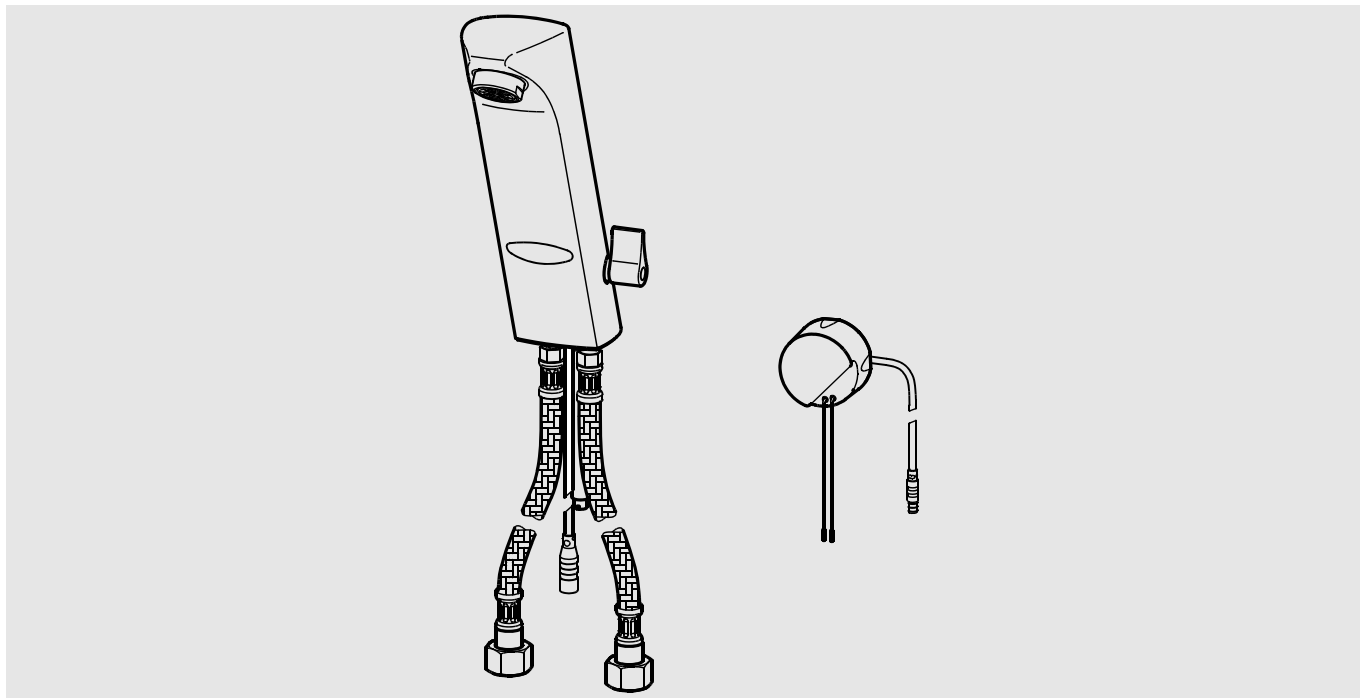
United Kingdom Phone UK: +44 (0) 114 354 0047

Phone Eire: +353 190 36387

sales@ihdryers.co.uk

www.intelligenthanddryers.com

PROTRONIC-S



AQUA 134

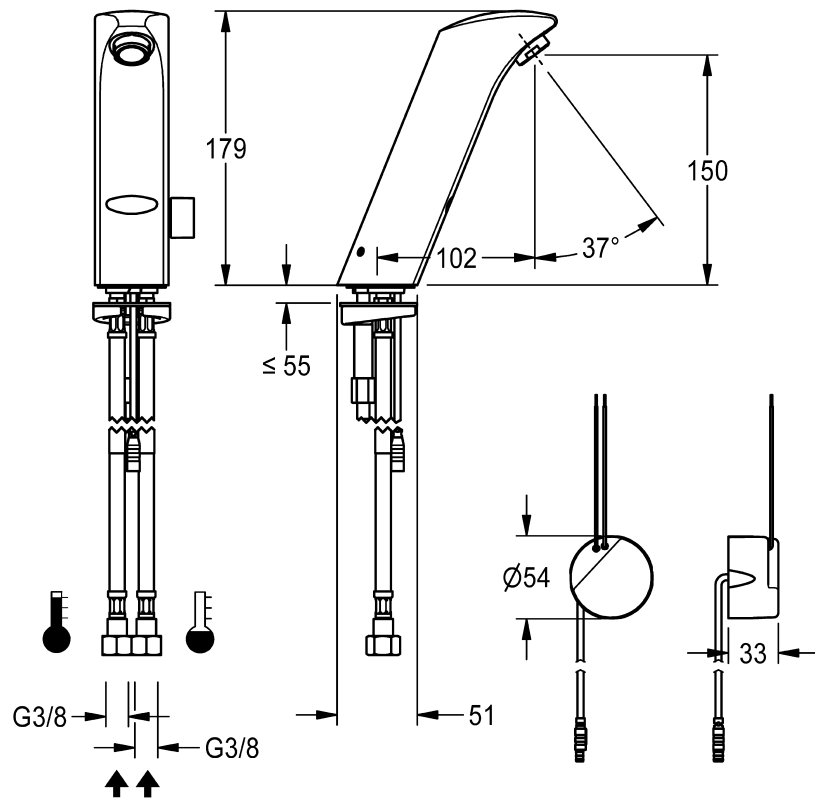
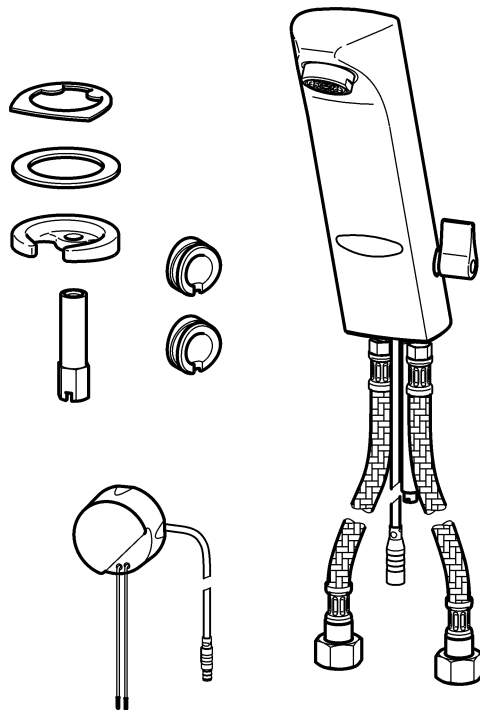
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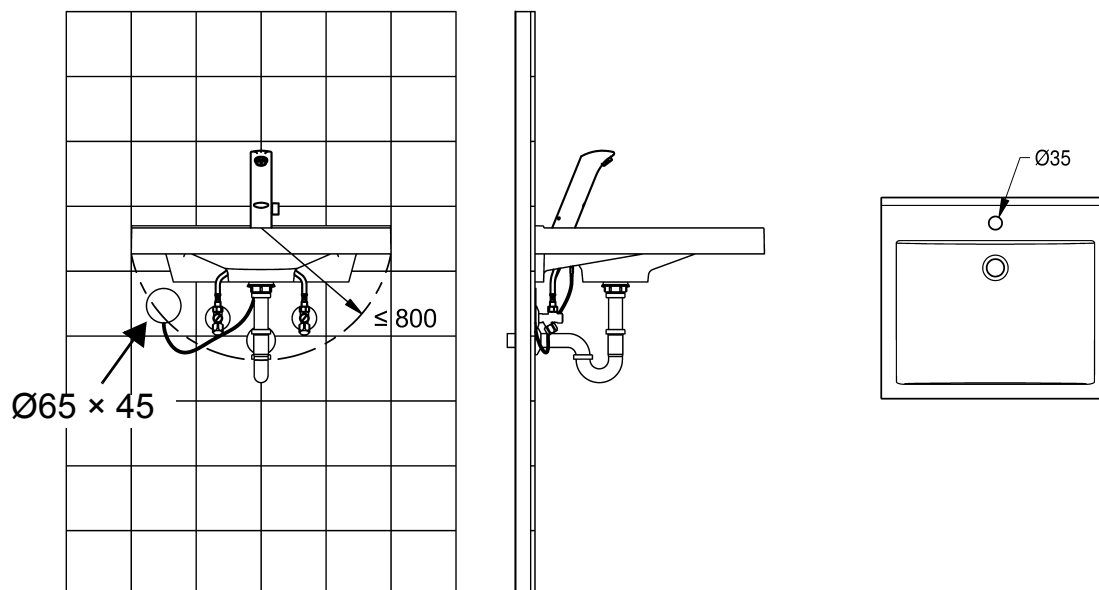
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EN	Installation and operating instructions	Electronic washbasin mixer
DE	Montage- und Betriebsanleitung	Elektronik-Waschtischmischer
FR	Notice de montage et de mise en service	Mitigeur électronique pour lavab
ES	Instrucciones de montaje y servicio	Mezclador electrónico para lavab
IT	Istruzioni per il montaggio e l'uso	Miscelatore elettronico per lava
NL	Montage- en bedrijsinstructies	Elektronische wastafelmengkraan
PL	Instrukcja montażu i obsługi	Bateria umywalkowa z mieszaczem
SV	Monterings- och driftinstruktion	
CS	Návod pro montáž a provoz	Elektronická umyvadlová směšovac
FI	Asennus- ja käyttöohje	Elektroninen pesuallashana
RU	Инструкция по монтажу и вводу в эксплуатацию	

Make
it
Wonderful

FRANKE



**EN**

Installation and operating instructions

Important notes

- Before installing flush piping system!
- After completing the installation, set the temperature limiter!
- The fitting must be operated only with original mesh filters and return flow inhibitors!

Technical data

- Minimum flow pressure 1.0 bar
- Maximum operating pressure 10 bar
- Recommended flow pressure 3 bar
- Volume flow 0.1 l/s
- Type of protection IP 55
- Supply voltage 230 V AC
- Operating voltage 6 V DC

DE

Montage- und Betriebsanleitung

Wichtige Hinweise

- Vor Installation Rohrleitungen gemäß DIN 1988 spülen!
- Nach erfolgter Montage den Temperaturanschlag einstellen!
- Armatur nur mit original Sieben und Rückflussverhinderern betreiben!

Technische Daten

- Mindestfließdruck 1,0 bar
- Maximaler Betriebsdruck 10 bar
- Empfohlener Fließdruck 3 bar
- Volumenstrom 0,1 l/s
- Schutzart IP 55
- Anschlussspannung 230 V AC
- Betriebsspannung 6 V DC

PL

Instrukcja montażu i obsługi

Ważne wskazówki

- ▶ Przed instalacją przepłukać rury!
- ▶ Po zakończeniu montażu ustawić ograniczenie temperatury!
- ▶ Armatury należy używać wyłącznie z oryginalnymi sitkami i zaworami zwrotnymi!

Dane techniczne

- ▶ Minimalne ciśnienie przepływu 1,0 bar
- ▶ Maksymalne ciśnienie robocze 10 barów
- ▶ Zalecane ciśnienie przepływu 3 barów
- ▶ Objętościowe natężenie przepływu 0,1 l/s
- ▶ Rodzaj ochrony IP 55
- ▶ Napięcie przyłączeniowe 230 V AC
- ▶ Napięcie robocze 6 V DC

SV

Monterings- och driftinstruktion

Viktiga informationer

- ▶ Spola igenom rörledningarna före installation!
- ▶ När monteringen har gjorts skall temperaturbegränsningen ställas in!
- ▶ Använd armaturen endast med originalsilar och originalåterflödesförhindrare!

Tekniska data

- ▶ Minsta hydrauliska tryck 1,0 bar
- ▶ Maximalt drifttryck 10 bar
- ▶ Rekommenderat hydrauliskt tryck 3 bar
- ▶ Volymström 0,1 l/s
- ▶ Skyddsklass IP 55
- ▶ Anslutningsspänning 230 V AC
- ▶ Driftspänning 6 V DC

FR

Notice de montage et de mise en service

Remarques importantes

- ▶ Rincer les conduites avant d'installer !
- ▶ Une fois le montage terminé, régler la limitation de température !
- ▶ Ne faire fonctionner la robinetterie qu'avec les filtres et clapets de non retour d'origine !

Données techniques

- ▶ Pression dynamique minimale 1,0 bar
- ▶ Pression de service maximale 10 bars
- ▶ Pression dynamique recommandée 3 bars
- ▶ Débit volumique 0,1 l/s
- ▶ Type de protection IP 55
- ▶ Tension de raccordement 230 V AC
- ▶ Tension de service 6 V DC

CS

Návod pro montáž a provoz

Důležité pokyny

- ▶ Před instalací potrubí propláchněte!
- ▶ Po provedené montáži nastavit omezení teploty!
- ▶ Provozovat armaturu jen s originálními sítky a zařízeními proti zpětnému toku!

Technické údaje

- ▶ Minimální průtočný tlak 1,0 bar
- ▶ Maximální provozní tlak 10 bar
- ▶ Doporučený průtočný tlak 3 bar
- ▶ Průtok 0,1 l/s
- ▶ Krytí IP 55
- ▶ Připojné napětí 230 V AC
- ▶ Provozní napětí 6 V DC

ES

Instrucciones de montaje y servicio

Indicaciones importantes

- ▶ ¡Enjuagar las tuberías antes de instalar!
- ▶ ¡Ajuste el límite de temperatura tras realizar el montaje!
- ▶ ¡La grifería debe hacerse funcionar únicamente con los tamices y las válvulas antiretorno originales!

Datos técnicos

- ▶ Presión mínima de flujo 1,0 bar
- ▶ Presión máxima de servicio 10 bares
- ▶ Presión de flujo recomendada 3 bares
- ▶ Flujo volumétrico 0,1 l/s
- ▶ Modo de protección IP 55
- ▶ Tensión de conexión 230 V AC
- ▶ Tensión de servicio 6 V DC

FI

Asennus- ja käyttöohje

Tärkeitä ohjeita

- ▶ Huuhtelee putkijohdot ennen asennusta!
- ▶ Säädä asennuksen jälkeen lämpötilan rajoitus!
- ▶ Käytä varusteet vain alkuperäisten sihtien ja takaisinvirtauksen eston kanssa!

Tekniset tiedot

- ▶ Vähimmäisvirtauspaine 1,0 bar
- ▶ Suurin käyttöpaine 10 bar
- ▶ Suositeltava virtauspaine 3 bar
- ▶ Tilavuusvirta 0,1 l/s
- ▶ Suojaustapa IP 55
- ▶ Verkkojännite 230 V AC
- ▶ Käyttöjännite 6 V DC

IT

Istruzioni per il montaggio e l'uso

Avvertenze importanti

- ▶ Sciacquare le tubazioni prima di installare!
- ▶ Una volta terminata l'installazione, impostare la limitazione di temperatura!
- ▶ Utilizzare la rubinetteria esclusivamente con i filtri e le valvole antiriflusso originali!

Specifiche tecniche

- ▶ Pressione idraulica min. 1,0 bar
- ▶ Pressione di esercizio max. 10 bar
- ▶ Pressione idraulica consigliata 3 bar
- ▶ Portata volumetrica 0,1 l/s
- ▶ Tipo di protezione IP 55
- ▶ Tensione di allacciamento 230 V AC
- ▶ Tensione di esercizio 6 V DC

RU

Инструкция по монтажу и вводу в эксплуатацию

Важные указания

- ▶ Перед инсталляцией промыть трубки!
- ▶ После монтажа отрегулировать температурный предел!
- ▶ Эксплуатировать арматуру только с оригинальными фильтрами и клапанами обратного течения!

Технические характеристики

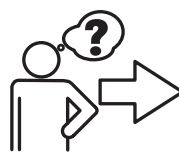
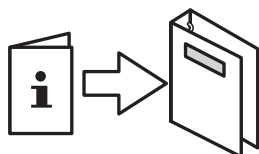
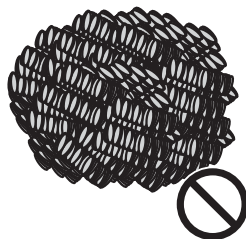
- ▶ Минимальный гидравлический напор 1,0 бар
- ▶ Максимальное рабочее давление 10 бар
- ▶ Рекомендуемый гидравлический напор 3 бар
- ▶ Объемный расход 0,1 л/с
- ▶ Вид защиты IP 55
- ▶ Напряжение питающей сети 230 В переменного тока
- ▶ рабочее напряжение 6 В постоянного тока

Belangrijke aanwijzingen

- ▶ Voor installatie buisleidingen spoelen!
- ▶ Na de montage de temperatuurbegrenzing instellen!
- ▶ Armatuur alleen met originele zeven en terugstroomkleppen gebruiken!

Technische gegevens

- ▶ Minimale dynamische druk 1,0 bar
- ▶ Maximale werkdruk 10 bar
- ▶ Aanbevolen dynamische druk 3 bar
- ▶ Volumestroom 0,1 l/s
- ▶ Veiligheidsgraad IP 55
- ▶ Aansluitspanning 230 V AC
- ▶ Bedrijfsspanning 6 V DC



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1. Montage

EN Installation
FR Montage
ES Montaje
IT Montaggio

NL Montage
PL Montaż
SV Montering

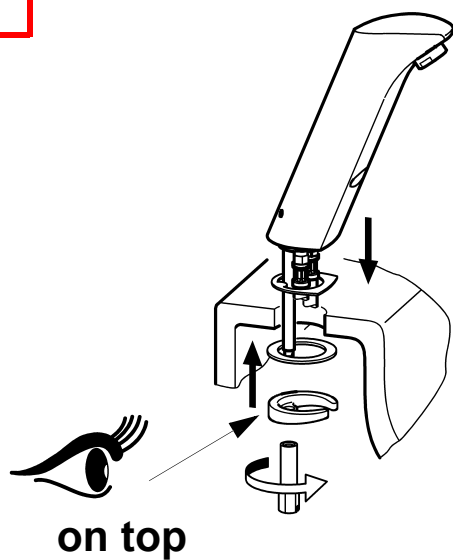
CS Montáž
FI Asennus
RU Монтаж



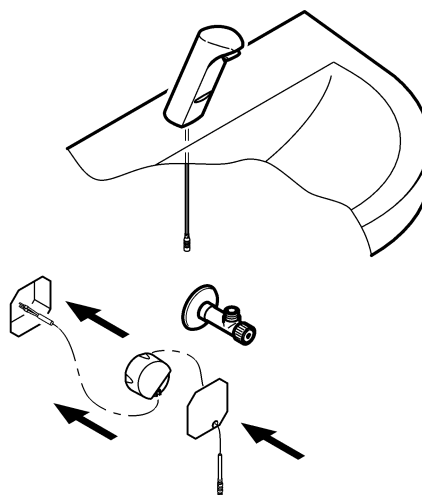
 13 mm

 19 mm

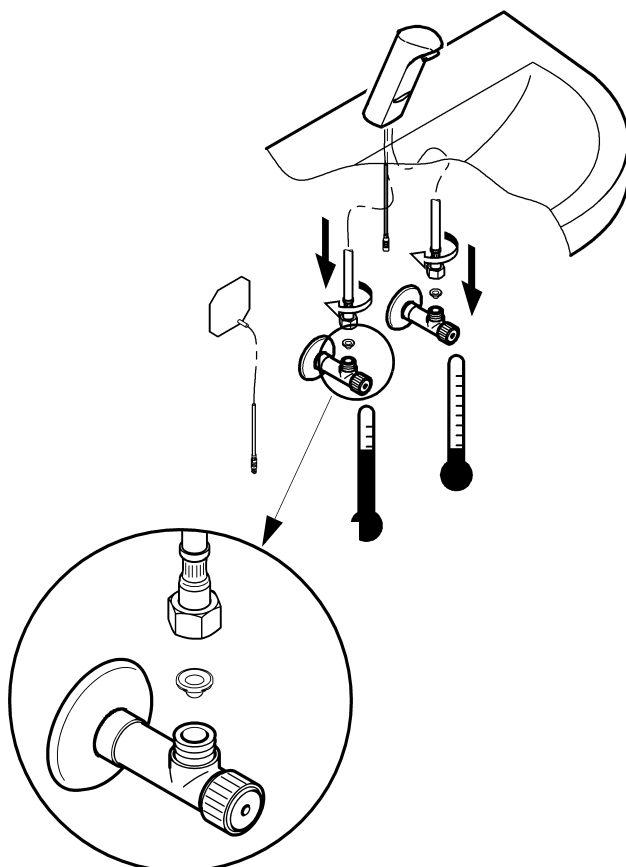
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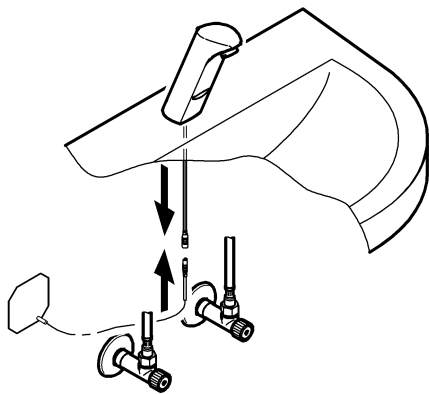
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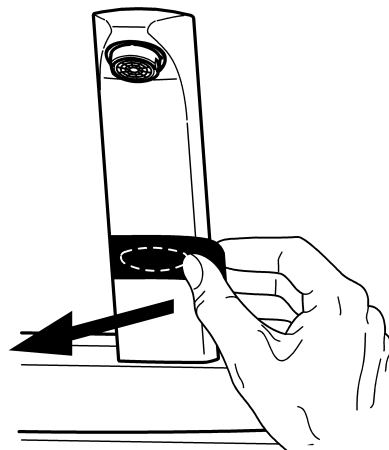
3



4



5



2. Funktion

EN Function

FR Fonctionnement

ES Función

IT Funzionamento

NL Werking

PL Funkcja

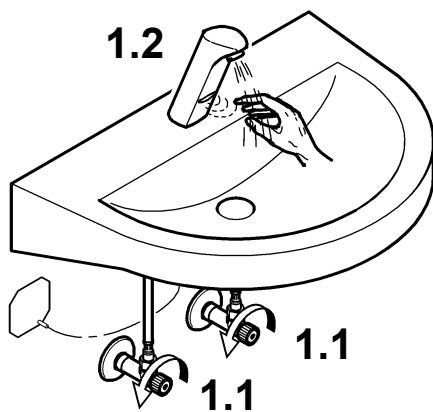
SV Funktion

CS Funkce

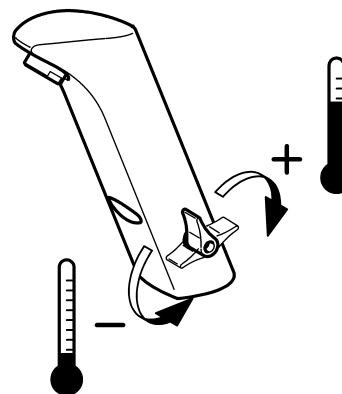
FI Toiminto

RU Функционирование

1



2



3. Mischeinrichtung verdecken

EN Conceal mixed-water facility

NL Menginrichting verbergen

CS Zakrýt míchací zařízení

FR Dispositif mélangeur

PL Zakryć urządzenie mieszające

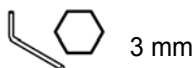
FI Peitä miksauslaite

ES Cubrir el elemento mezclador

SV Dölj blandingsanordning

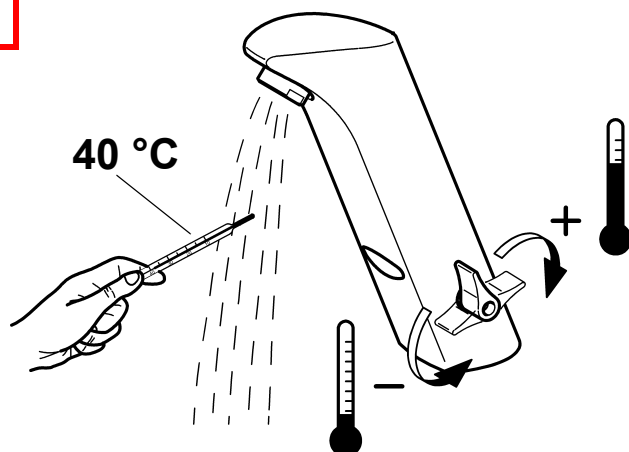
RU Закрыць смесітель так, каб яго не было віда

IT Coprire il blocco di miscelazione

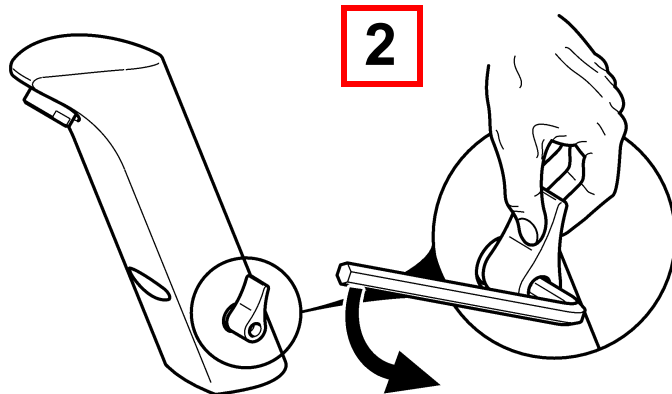


3 mm

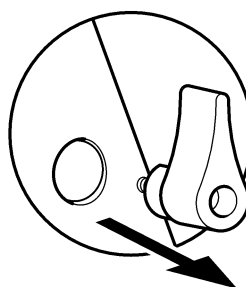
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3





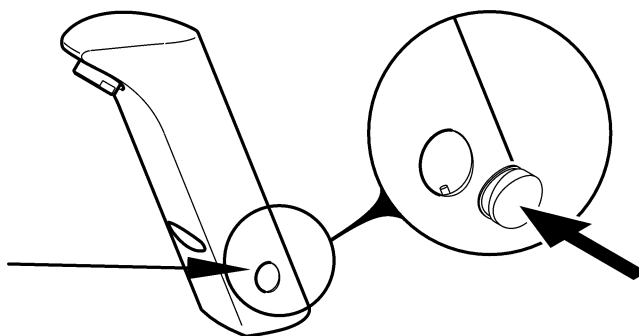
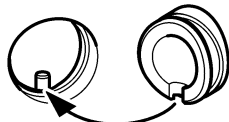
A



B



4



EN A Red
B Blue

DE A Rot
B Blau

FR A Rouge
B Bleu

ES A Rojo
B Azul

IT A Rosso
B Blu

NL A Rood
B Blauw

PL A Czerwony
B Niebieski

SV A Röd
B Blå

CS A Červený
B Modrý

FI A Punainen
B Sininen

RU A красный
B голубой

4. Temperaturbegrenzung einstellen

EN Set the temperature limiter

NL Temperatuurbegrenzing instellen

CS Nastavit omezení teploty

FR Régler la limitation de température

PL Ustawiać ograniczenie temperatury

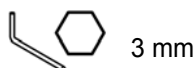
FI Säädä lämpötilan rajoitus

ES Ajuste el límite de temperatura

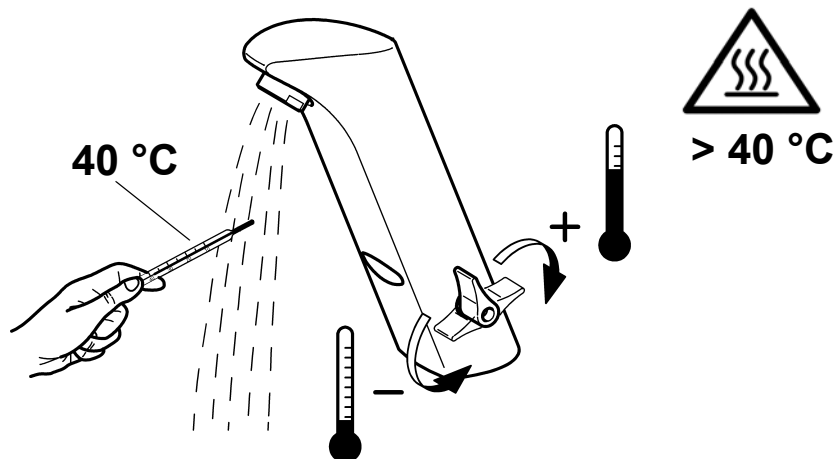
SV Ställ in temperaturbegränsningen

RU установить ограничение по температуре

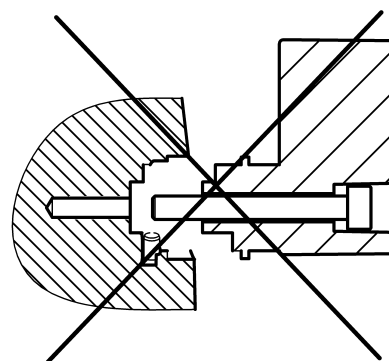
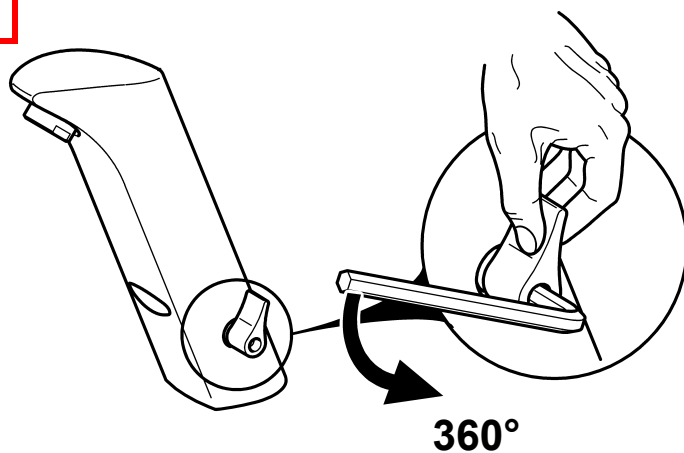
IT Impostare la limitazione di temperatura



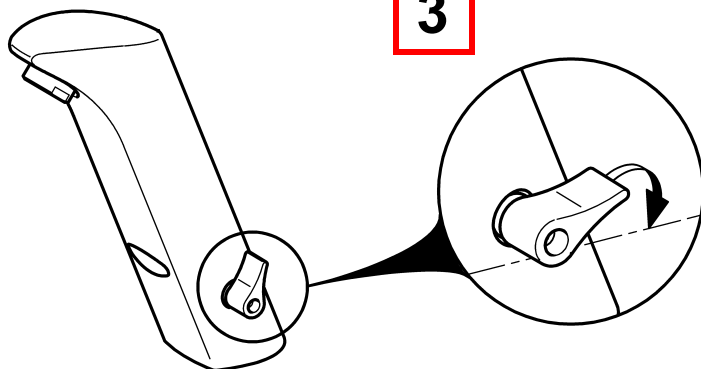
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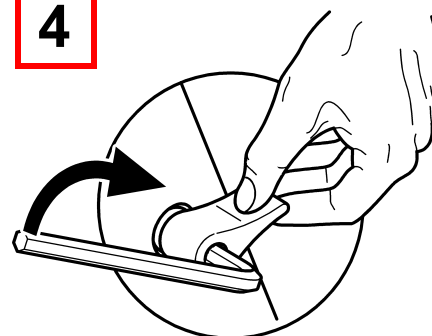
2



3



4



5. Anzeige: Status Hygienespülung

EN Display:
Status hygiene flushing

FR Affichage :
état rinçage hygiénique

ES Indicación:
estado del enjuague de higiene

IT Indicazione:
stato sciacquo igienico

NL Aanduiding:
Status hygiënespoeling

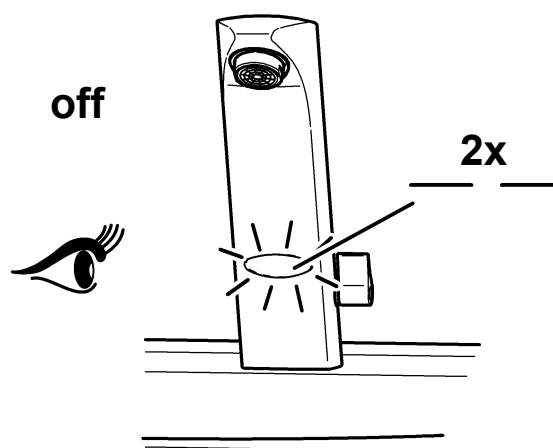
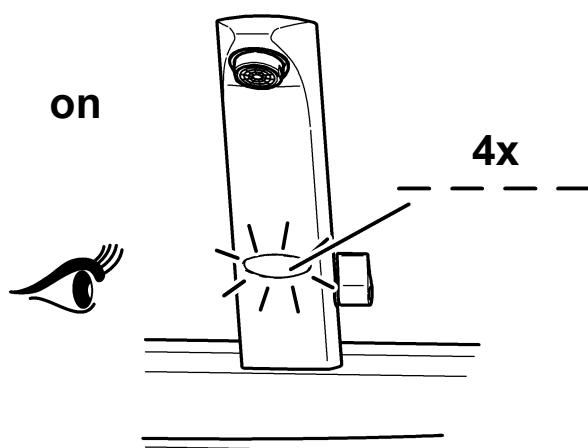
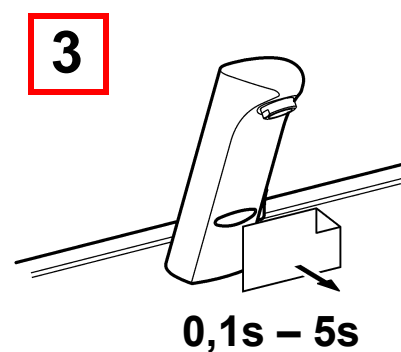
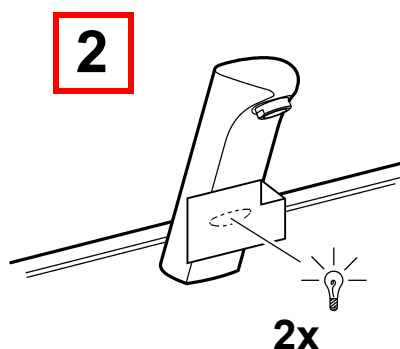
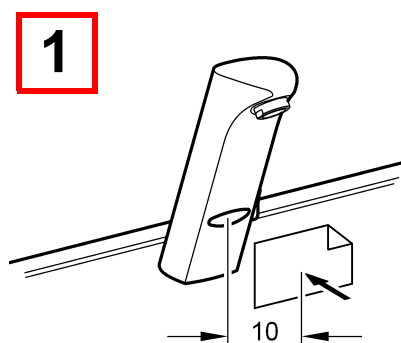
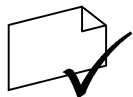
PL Wyświetlacz: status spłuki-
wania higienicznego

SV Indikering:
Status hygiensköljning

CS Indikátor:
stav hygienického omytí

FI Näyttö:
hygieniahuuhtelun tilanne

RU Индикатор:
состояние гигиенической мойки



6. Hygienespülung ein- / ausschalten

EN Switching hygiene flushing
on/off

FR Activer/désactiver
le rinçage hygiénique

ES Activar/Desactivar
el aclarado higiénico

IT Attivare/disattivare
lo sciacquo igienico

NL Hygiënische spoeling
in-/uitschakelen

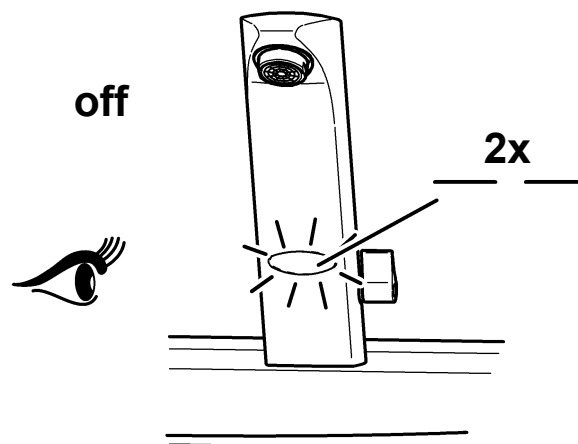
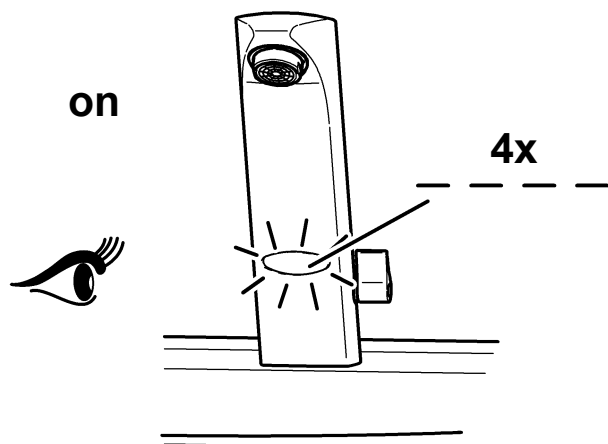
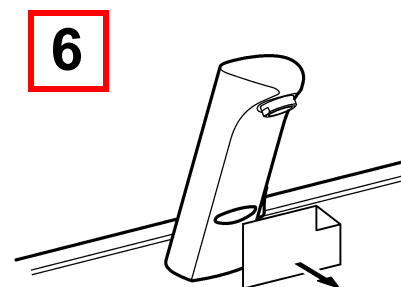
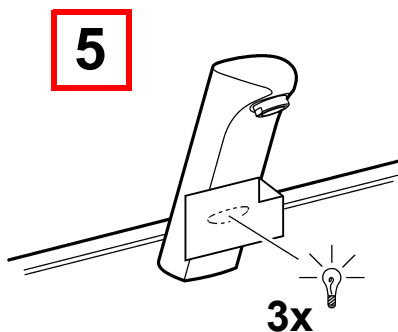
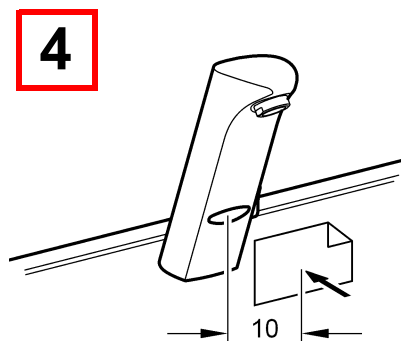
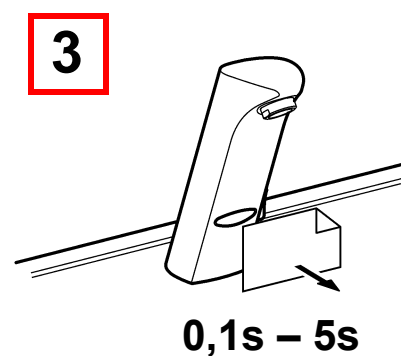
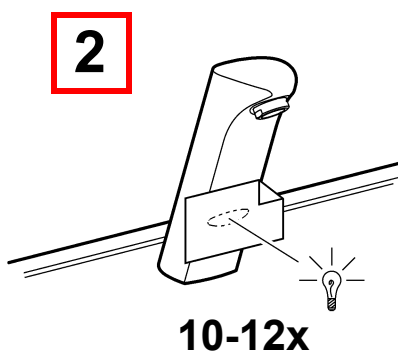
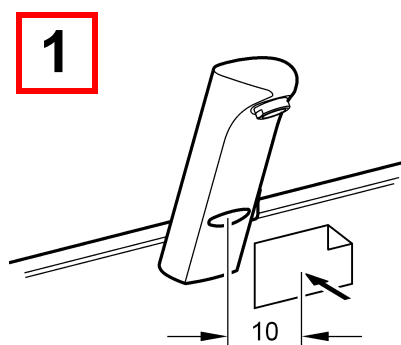
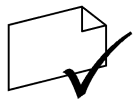
PL Włączyć/wyłączyć
spłukiwanie higieniczne

SV Koppla hygienspolningen
till / från

CS Zapněte/vypněte
hygienické propláchnutí

FI Hygieniahuuhdelun päälle-/ pois päältä
kytkeminen

RU Гигиеническое промывание
включить/выключить



EN

- Ensure open outlet.
- After 24h of non-use, water flows 10 sec.

DE

- Freien Auslauf gewährleisten.
- Nach 24h Nichtbenutzung fließt 10 sec Wasser.

FR

- Garantir un écoulement libre.
- L'eau s'écoule pendant 10 sec. après 24h de non utilisation.

ES

- Garantizar una salida libre.
- Si no se realiza ningún uso durante 24 horas, fluye agua durante 10 segundos.

IT

- Garantire l'erogazione libera.
- Dopo 24h di inutilizzo scorre acqua per 10 sec.

NL

- Vrije uitloop garanderen.
- Na 24 uur niet te zijn gebruikt stroomt er gedurende 10 sec. water.

PL

- Zapewnić swobodny wylot.
- Po 24 godz. niekorzystania przez 10 s. wypływa woda.

SV

- Garantera fritt avlopp.
- Vatten flyter 10 sek efter 24 timmars användningspaus.

CS

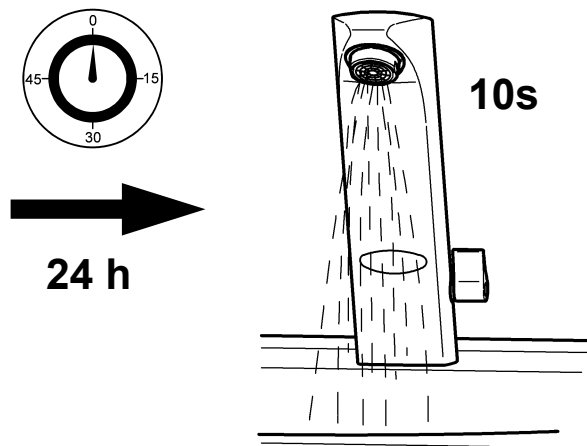
- Zajistěte volný odtok.
- Při nepoužívání 24 h nechte 10 s téct vodu.

FI

- Vapaan virtauksen takaaminen.
- Käyttämättömänä 24 h jälkeen virtaa vettä 10 s.

RU

- Обеспечить беспрепятственный слив
- После того, как устройство не используется в течение 24 ч, в течение 10 сек течёт вода.



7. Armatur ausschalten

EN Switch off the valve

FR Désactiver la robinetterie

ES Desconectar la grifería

IT Disattivazione della rubinetteria

NL Armatuur uitschakelen

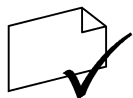
PL Wyłączenie baterii

SV Avstängning av armatur

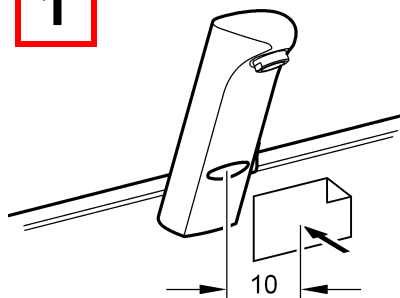
CS Vypnout armaturu

FI Laitteen kytkeminen pois päältä

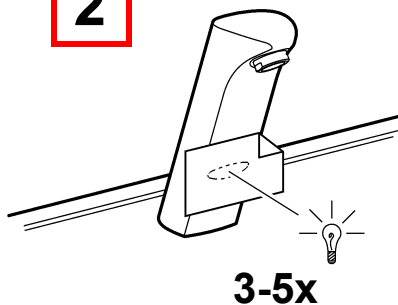
RU отключить оборудование



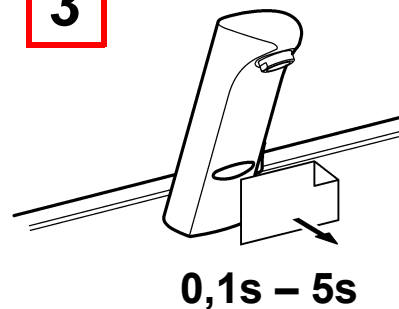
1



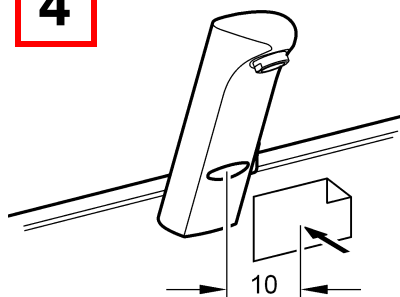
2



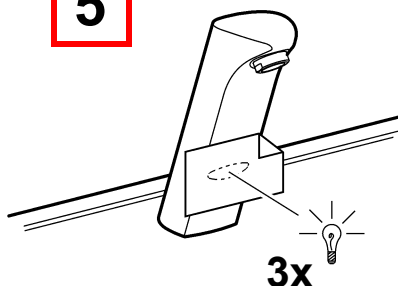
3



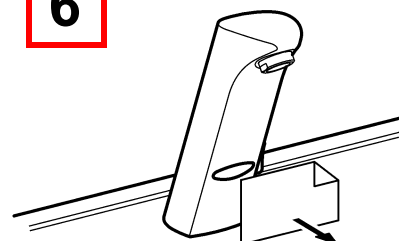
4



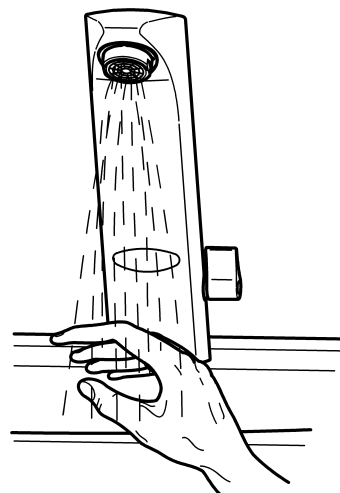
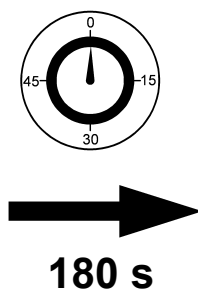
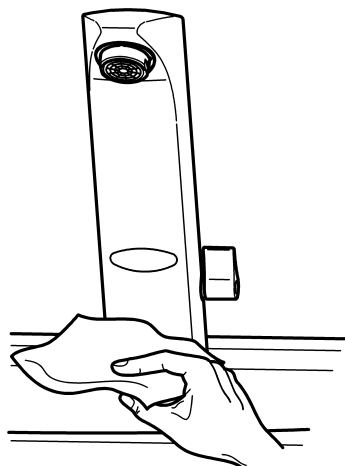
5



6



7



8. Dauerlauf starten

EN Start continual flow

FR Démarrer la marche continue

ES Iniciar el enjuague continuo

IT Avviare l'erogazione continua

NL Continue stroming starten

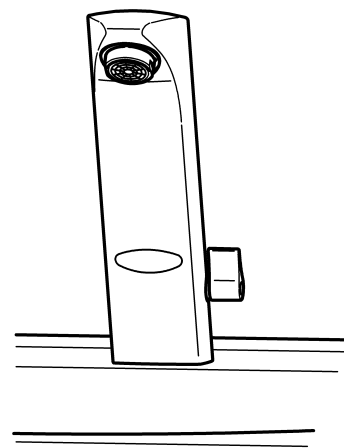
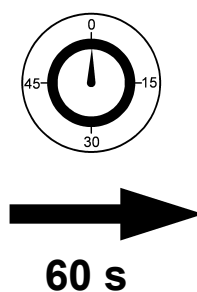
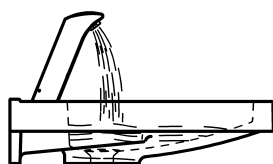
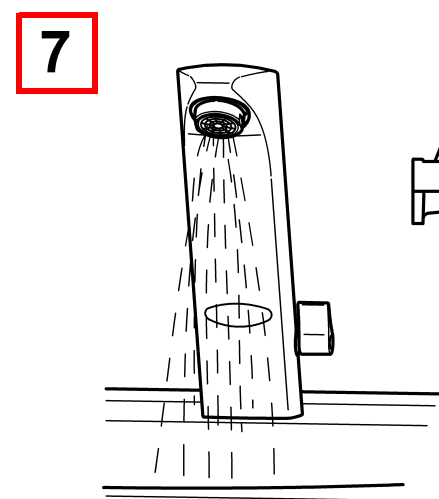
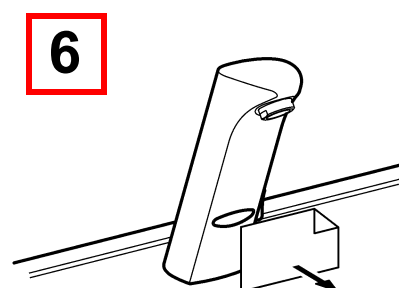
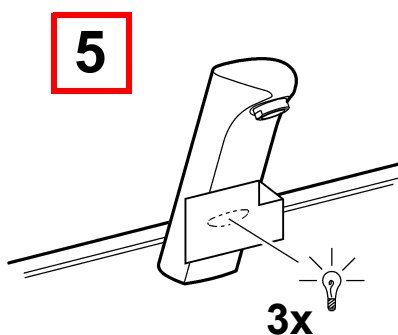
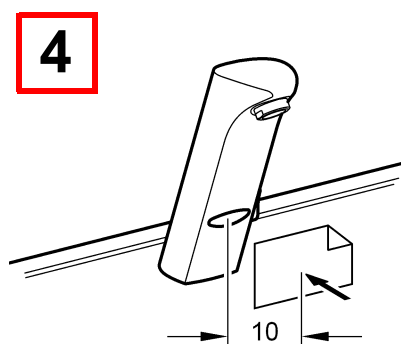
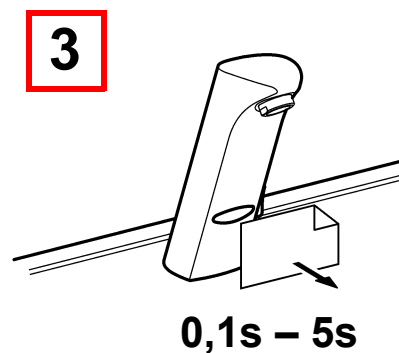
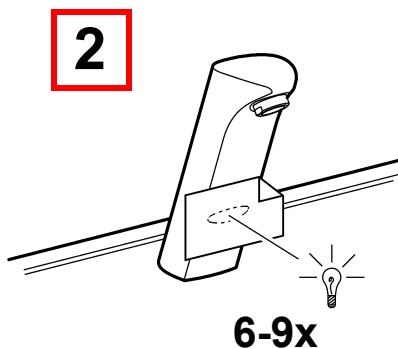
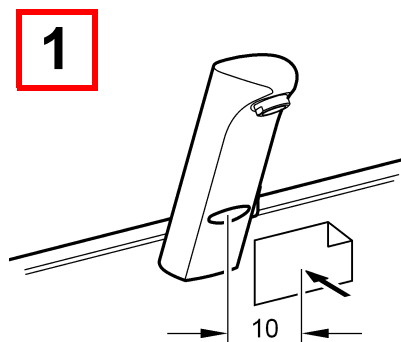
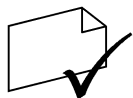
PL Uruchomić stały wypływ wody

SV Starta kontinuerlig drift

CS Spustit trvalý provoz

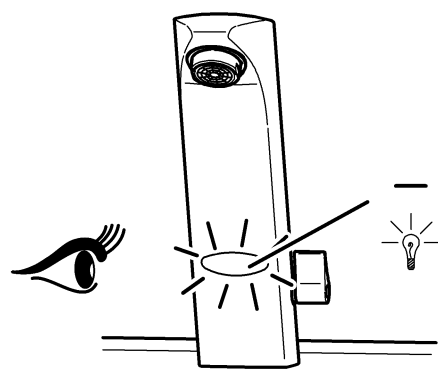
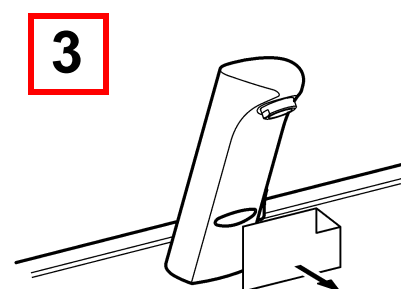
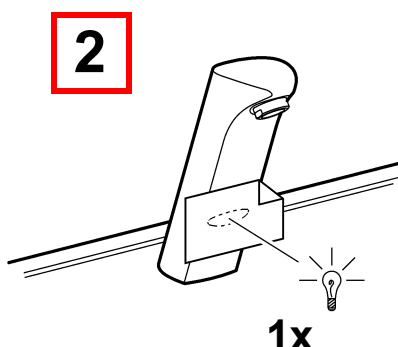
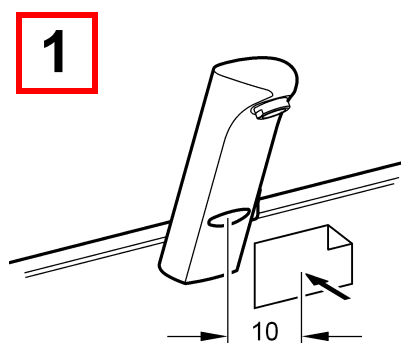
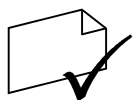
FI Tuotantokäytön aloittaminen

RU запустить ресурс



9. Anzeige: letzter Spülvorgang in Stunden

EN Display: Last flush-process in hours	NL Weergave: laatste spoelprocedure in uren	CS Upozornění: poslední vypláchnutí v hodinách
FR Affichage: dernière opération de rinçage en heures	PL Informacja: ostatnie spłuki- wanie w godzinach	FI Näyttö: viimeisin huuhtelutapahtuma tunteina
ES Indicación: último proceso de aclorado en hora	SV Indikering: Sista sköljning i timmar	RU На дисплее: последний смывной процесс в часах
IT Indicazione: ultimo sciacquo in ore		



**3x =
30 h**

+

**4x =
4 h = 34 h**

**1x = 10 h
2x = 20 h
3x = 30 h**

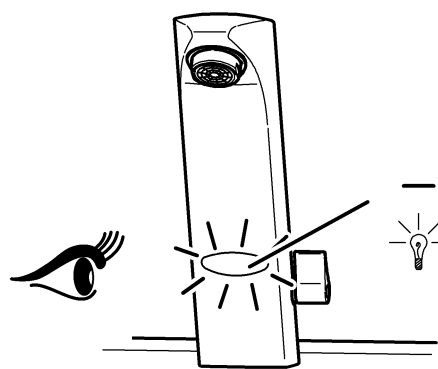
...

9x = 90 h

**1x = 1 h
2x = 2 h
3x = 3 h**

...

9x = 9 h



**0x =
00 h**



+

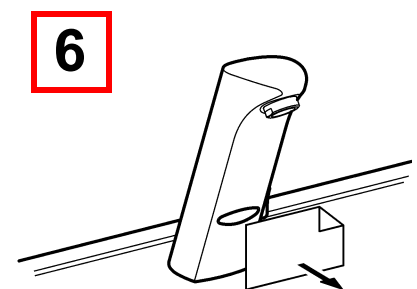
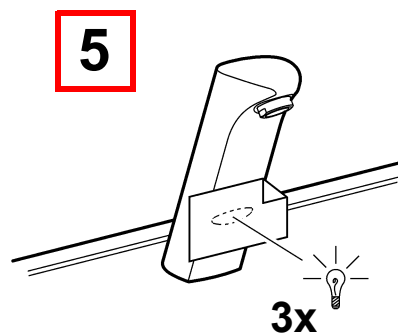
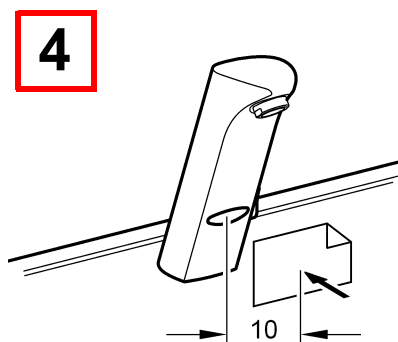
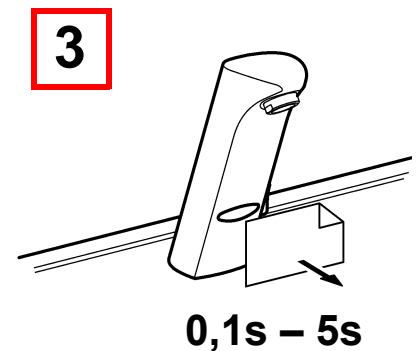
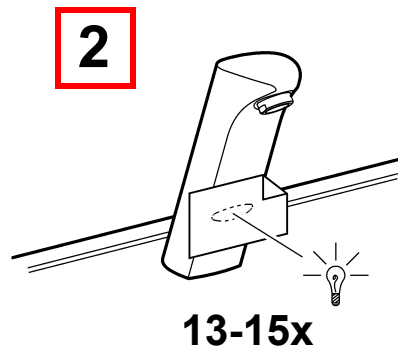
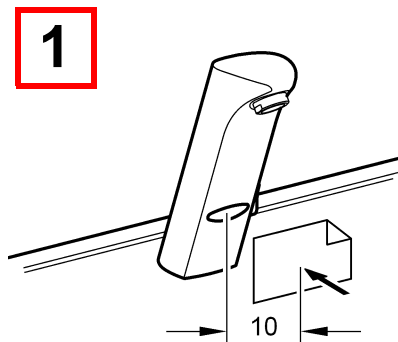
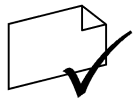


**0x =
0 h**

= < 59 min

10. Erfassungsart ändern

EN Change type of detection	NL Registratiesoort wijzigen	CS Změnit způsob snímání
FR Modifier le type de détection	PL Zmiana rodzaju wykrywania	FI Mittaustyyppin muuttaminen
ES Modificar el tipo de captación	SV Registreringssätt	RU Способ считывания
IT Modificare il tipo di rilevamento		



EN	Type of detection	The sensor is detecting
	A static	Object
	B dynamic	Movement (with intense reflections from basin)

DE	Erfassungsart	Der Sensor erfasst
	A statisch	Objekt
	B dynamisch	Bewegung (bei hoher Beckenreflexion)

PL	Rodzaj wykrywania	Czujnik rejestruje
	A statisch	Obiekt
	B dynamisch	Ruch (przy dużym odbiciu fali od umywalki)

SV	Registreringssätt	Sensor registrerar
	A statisk	Objekt
	B dynamisk	Rörelse (vid hög bäckenreflexion)

FR	Type de détection	Le capteur détecte
	A statique	Objet
	B dynamique	Mouvement par forte réflexion du bassin

CS	Způsob snímání	Snímač snímá
	A statický	Objekt
	B dynamický	Pohyb (při vysokém odrazu umyvadla)

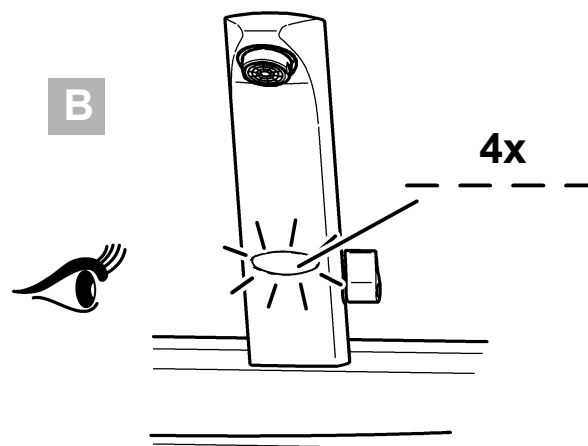
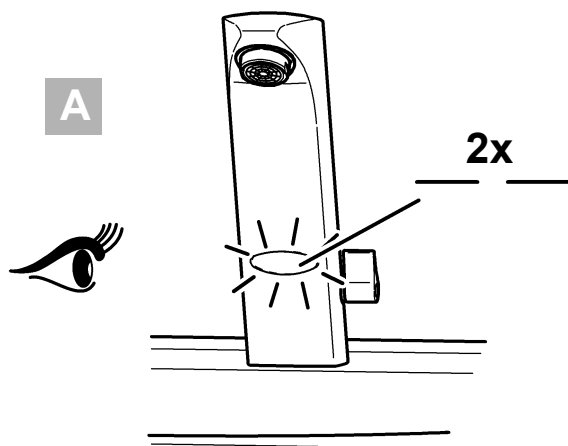
ES	Tipo de captación	El sensor está captando
	A estático	Objeto
	B dinámico	Movimiento (en caso de elevada reflexión en el lavabo)

FI	Mittaustyyppi	Anturi mittaa
	A staattinen	Kohde
	B dynaminen	Liike (suurella allasheijastuksella)

IT	Tipo di rilevamento	Il sensore rileva
	A statico	Oggetto
	B dinamico	Movimento (in caso di alta riflessione del lavabo)

RU	Способ считывания	Датчик считывает
	A статический	Объект
	B динамический	Движение (при большом отражении умывальника)

NL	Registratiesoort	De sensor registreert
	A statisch	Object
	B dynamisch	Beweging (bij hogere reservoirreflectie)



11. Wartung

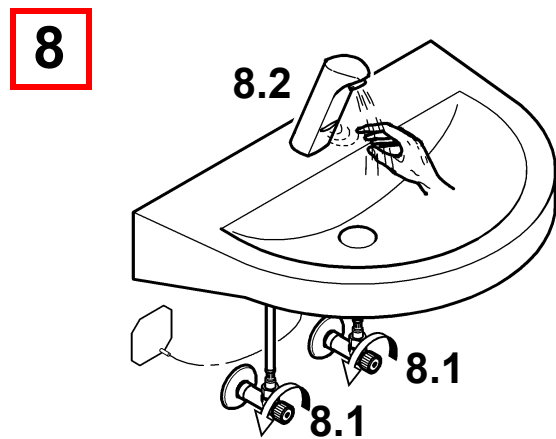
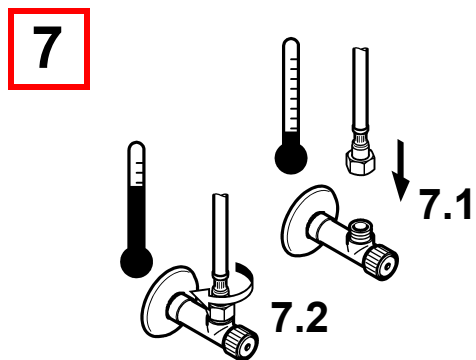
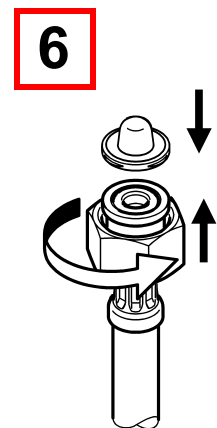
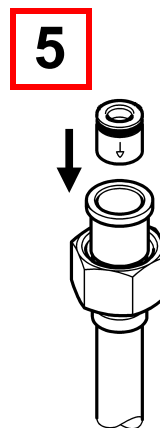
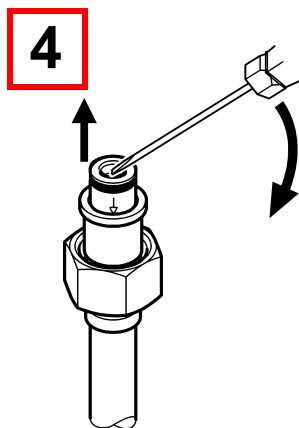
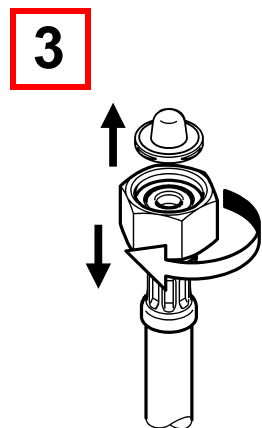
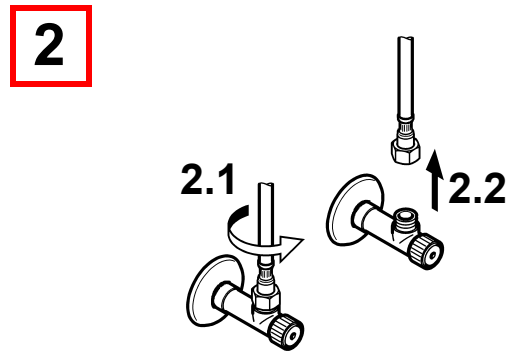
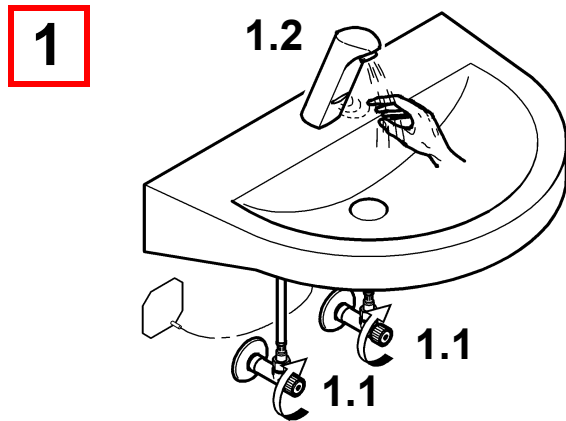
EN Maintenance
FR Maintenance
ES Mantenimiento
IT Manutenzione

NL Onderhoud
PL Konserwacja
SV Underhåll

CS Varování
FI Huolto
RU Техническое обслуживание



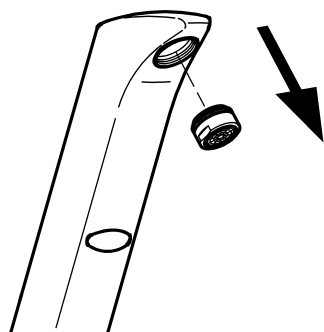
19 mm



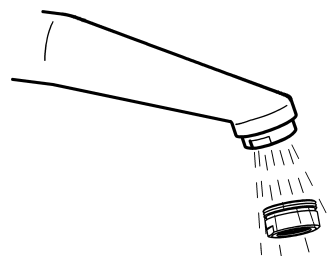


22 mm

1



2



12. Funktionsteil ausbauen

EN Remove functional part

NL Functie-element demonteren

CS Demontovat funkční díl

FR Démontez l'élément fonctionnel

PL Wymontować element funkcjonalny

FI Kunnossapito

ES Desmontar la pieza funcional

SV Bygga ut funktionsdelen

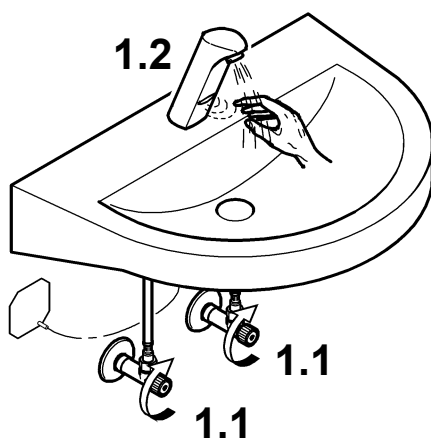
RU Демонтаж функциональной детали

IT Smontaggio dell'elemento funzionale

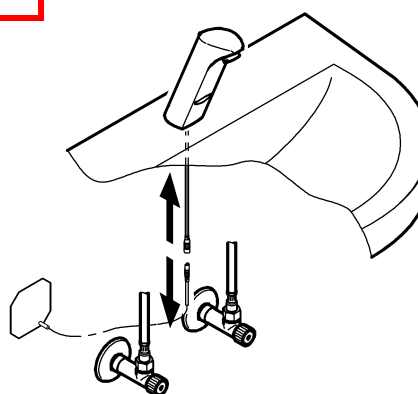


3 mm

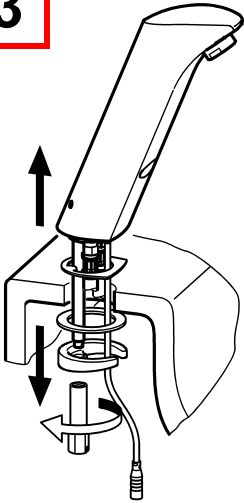
1



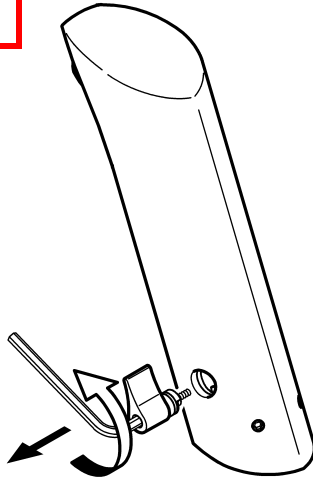
2



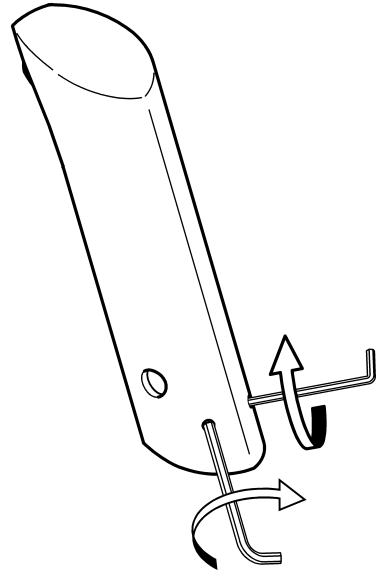
3



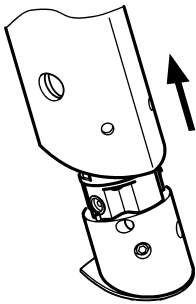
4



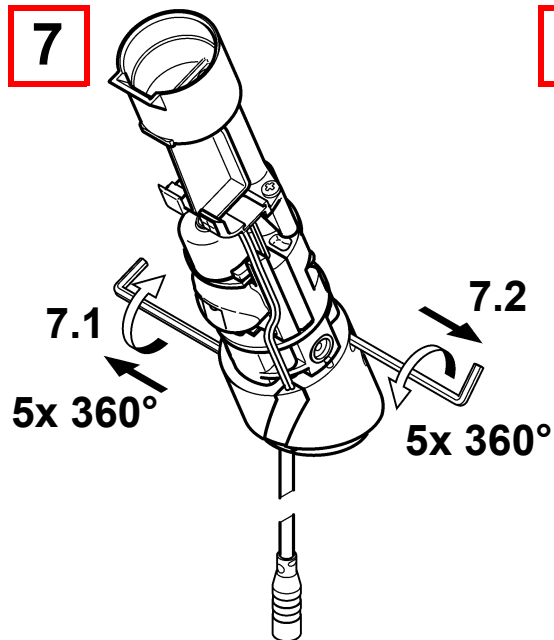
5



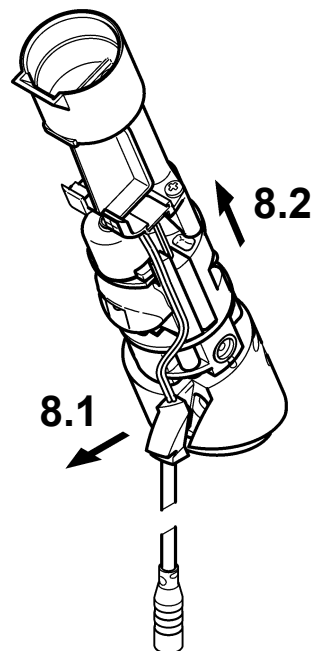
6



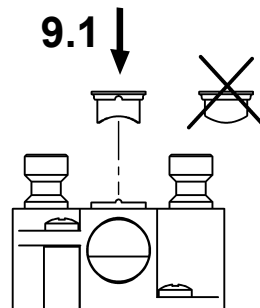
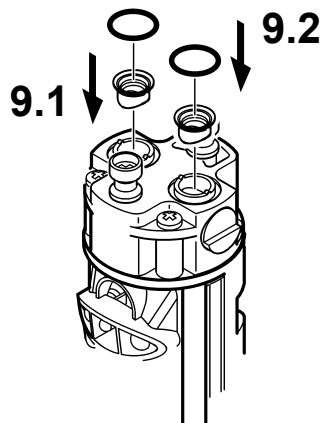
7



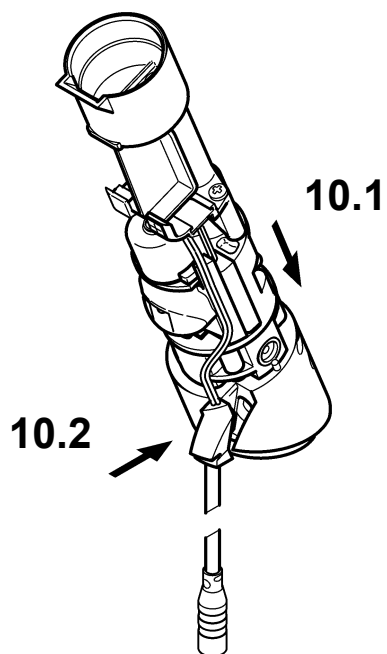
8



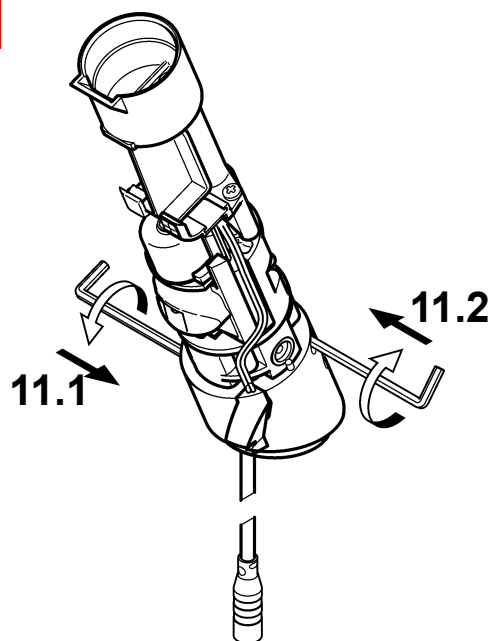
9



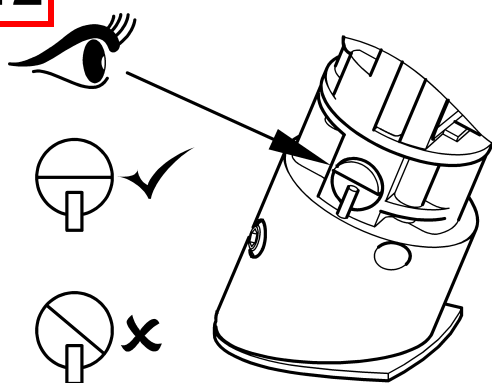
10



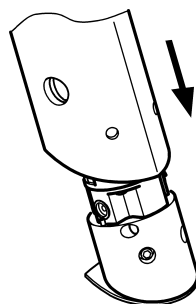
11



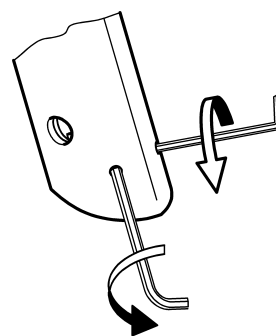
12



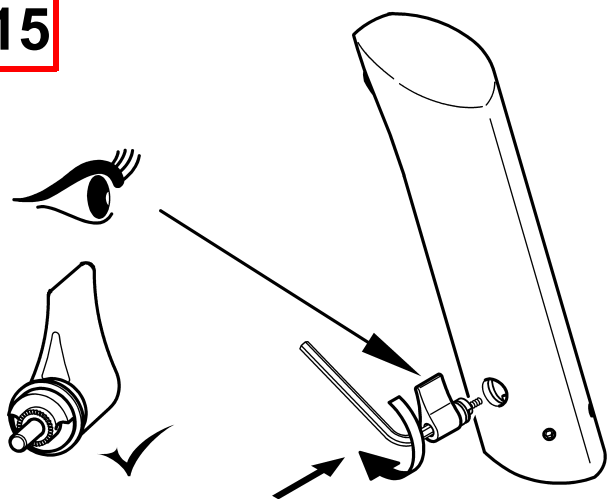
13



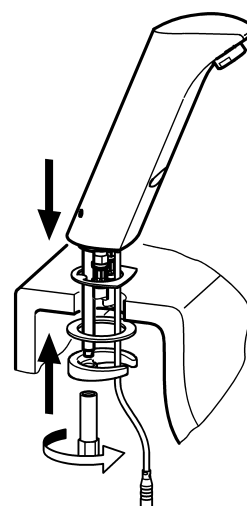
14



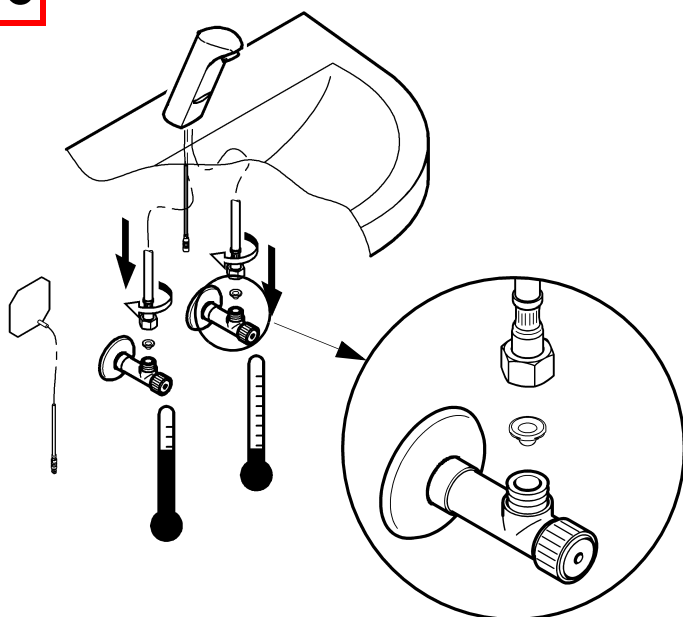
15



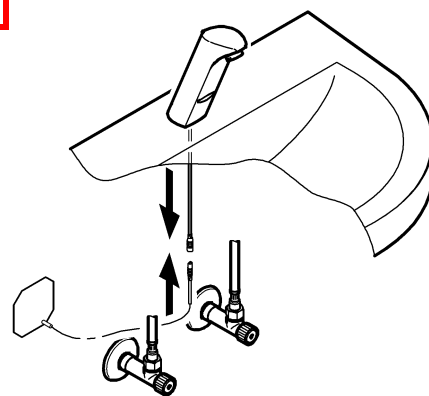
16



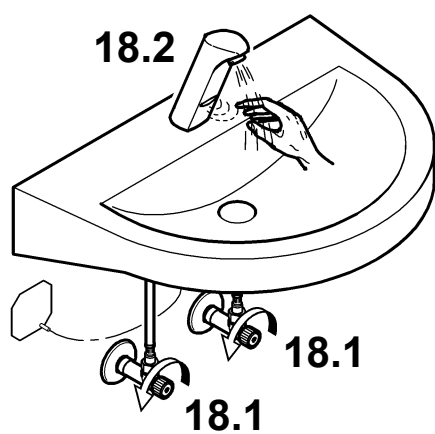
16



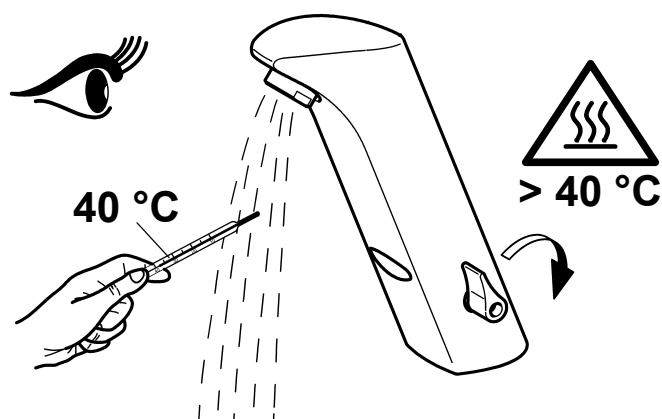
17



18



19



13. Mischeinrichtung verdecken

EN Conceal mixed-water facility

NL Menginrichting verbergen

CS Zakrýt míchací zařízení

FR Dispositif mélangeur

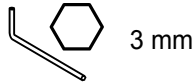
PL Zakryć urządzenie mieszające

FI Peitä miksauslaite

ES Cubrir el elemento mezclador

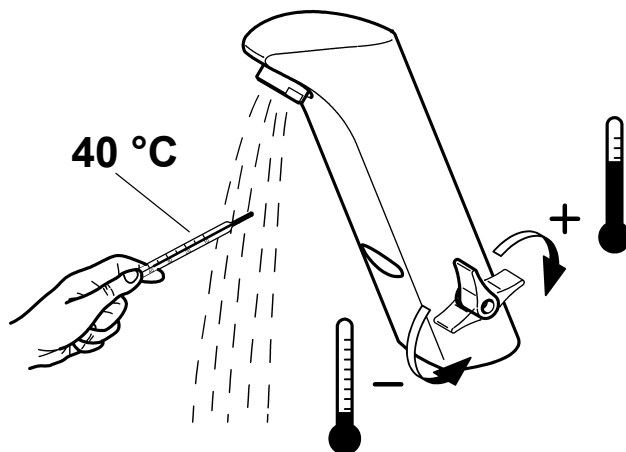
SV Dölj blandingsanordning

RU Закрыць смеситель так, чтобы его не было видно

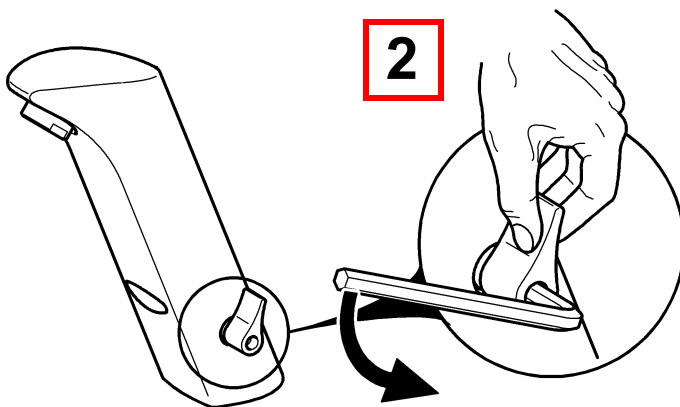


3 mm

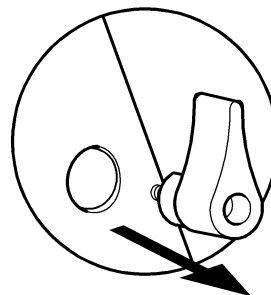
1



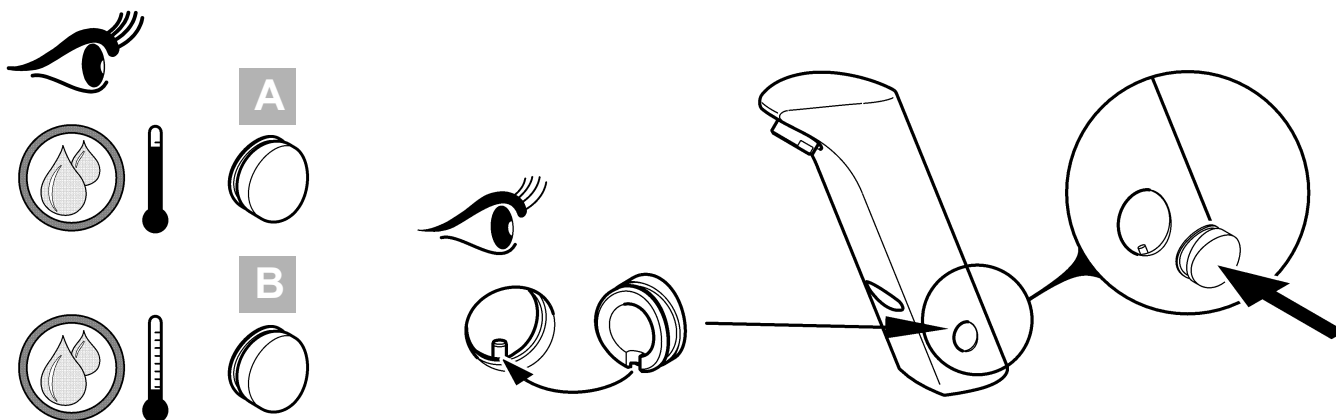
2



3



6



EN A Red
B Blue

DE A Rot
B Blau

FR A Rouge
B Bleu

ES A Rojo
B Azul

IT A Rosso
B Blu

NL A Rood
B Blauw

PL A Czerwony
B Niebieski

SV A Röd
B Blå

CS A Červený
B Modrý

FI A Punainen
B Sininen

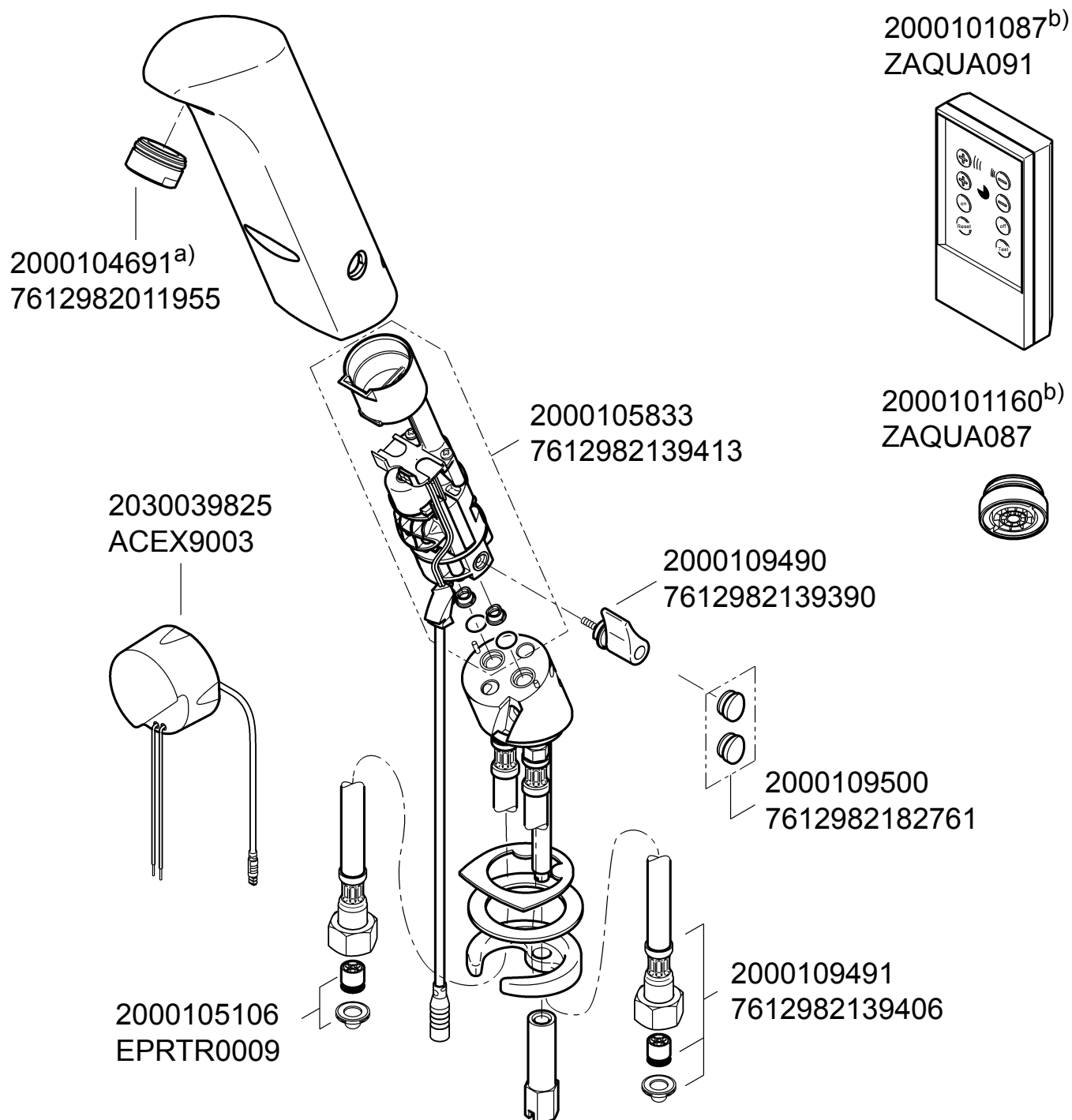
RU A красный
B голубой

14. Ersatzteile

EN Replacement parts
FR Pièces de rechange
ES Piezas de recambio
IT Pezzi di ricambio

NL Reserveonderdelen
PL Części zamienne
SV Reservdelar

CS Náhradní díly
FI Varaosat
RU Запчасти



EN a) 10 pieces
b) Accessories

ES a) 10 piezas
b) Accesorios

PL a) 10 sztuk
b) Akcesoria

FI a) 10 kappaletta
b) Lisävarusteet

DE a) 10 Stück
b) Zubehör

IT a) 10 pezzi
b) Accessori

SV a) 10 styck
b) Tillbehör

RU a) 10 штук
b) принадлежности

FR a) 10 pièces
b) Accessoire

NL a) 10 stuk
b) Toebehoren

CS a) 10 kusů
b) Příslušenství