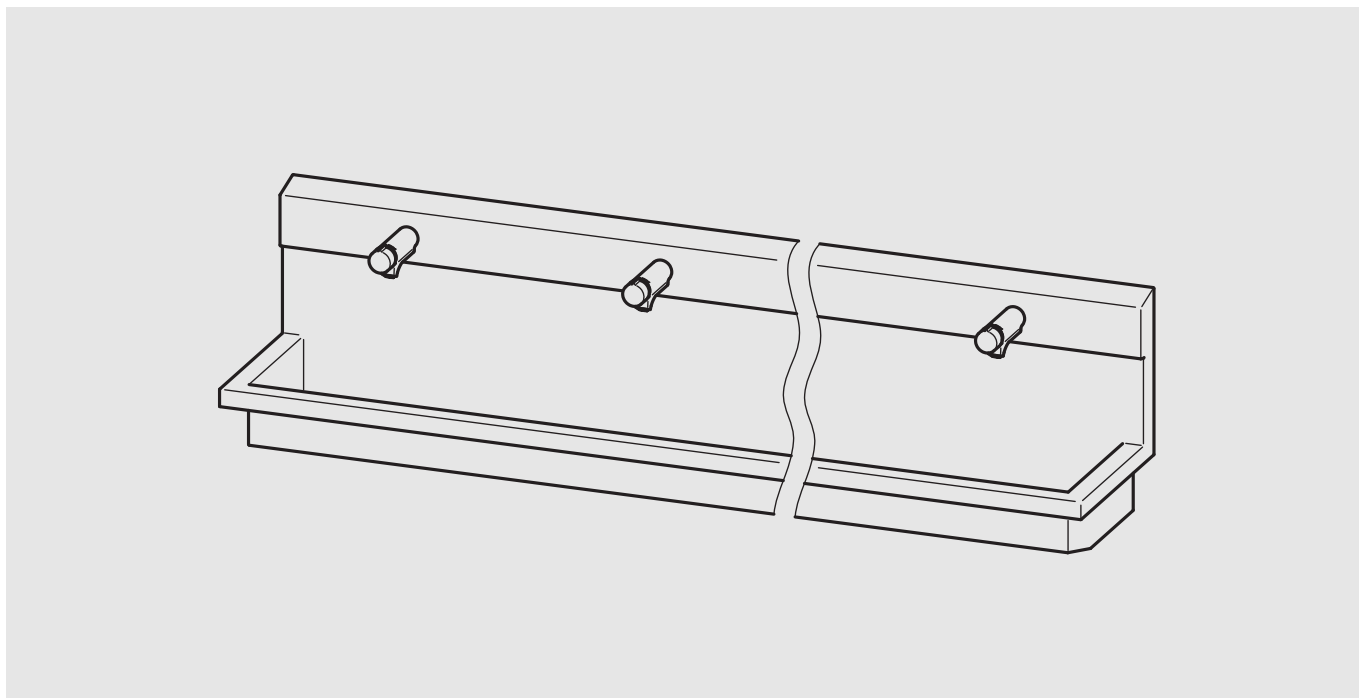


PLANOX



PL6USM
3600013129

PL12USM
3600013140

PL18USM
3600013141

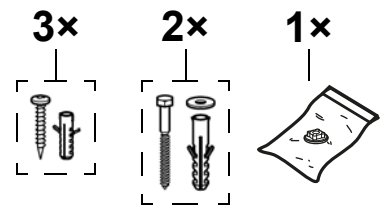
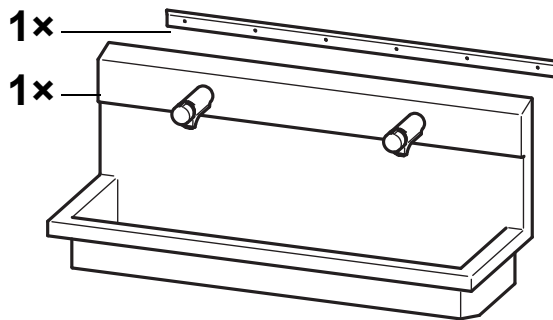
PL24USM
3600013142

DE	Montage- und Betriebsanleitung
EN	Installation and operating instructions
FR	Notice de montage et de mise en service
ES	Instrucciones de montaje y servicio
IT	Istruzioni per il montaggio e l'uso
NL	Montage- en bedrijfsinstructies
PL	Instrukcja montażu i obsługi
SV	Monterings- och driftinstruktion
CS	Návod pro montáž a provoz
FI	Asennus- ja käyttöohje
RU	Инструкция по монтажу и вводу в эксплуатацию

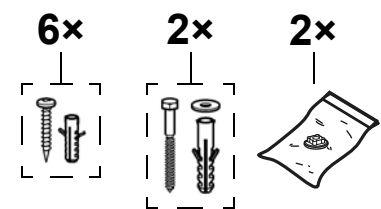
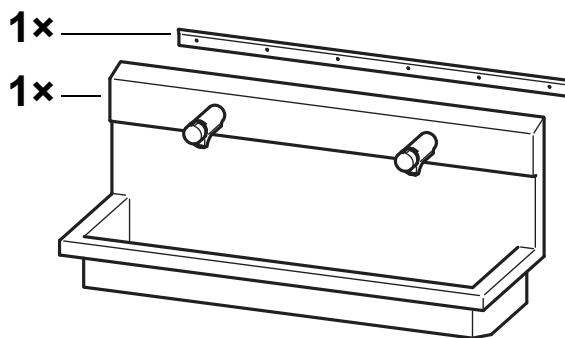
Waschplatzeinheit
washbasin unit



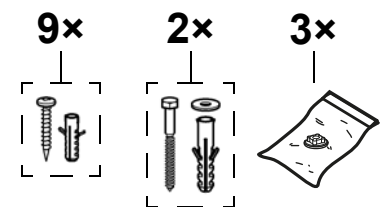
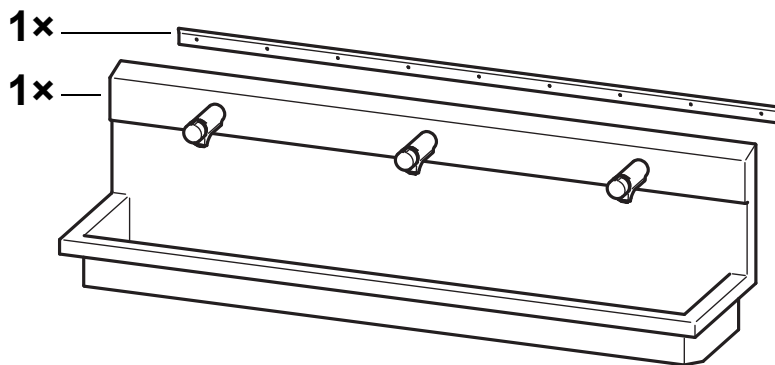
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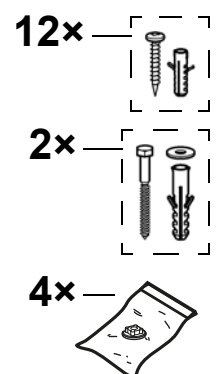
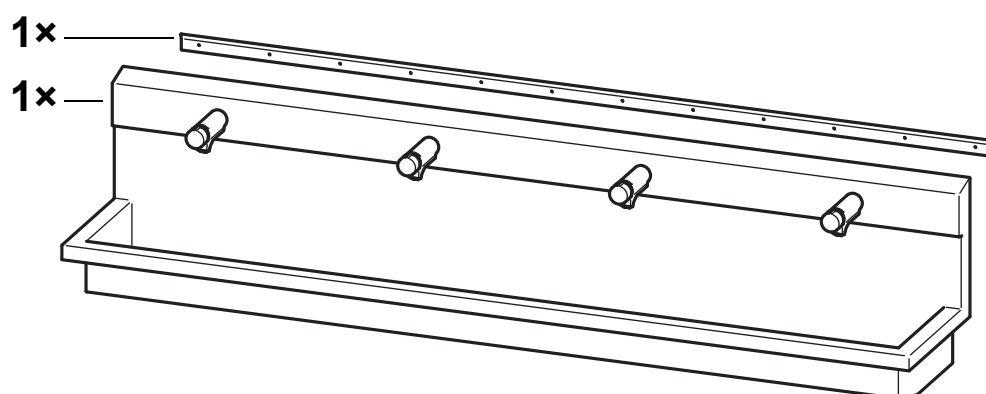
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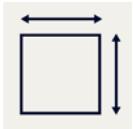


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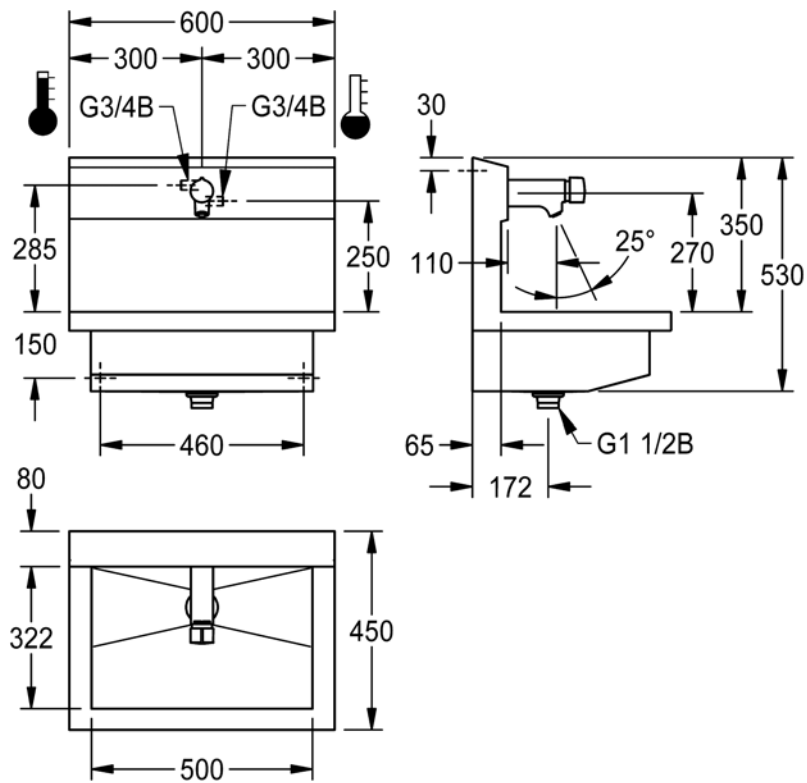


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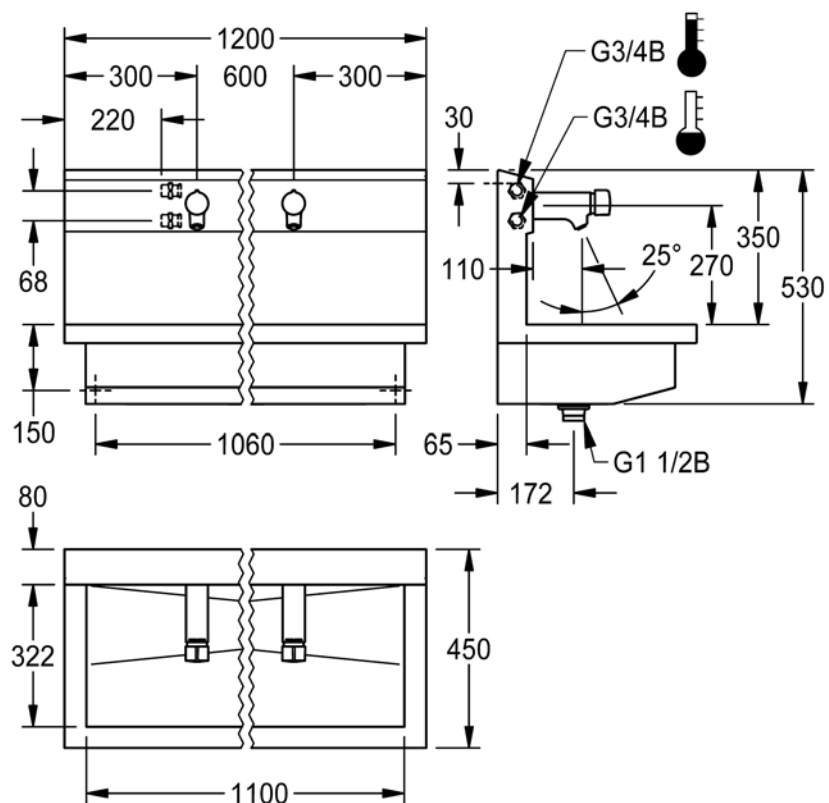




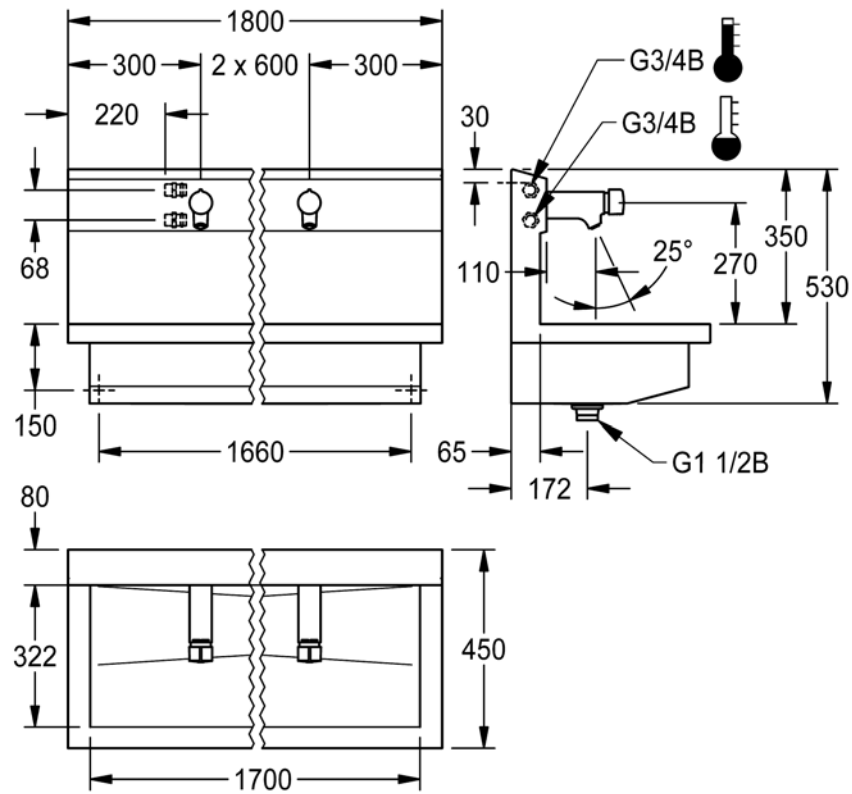
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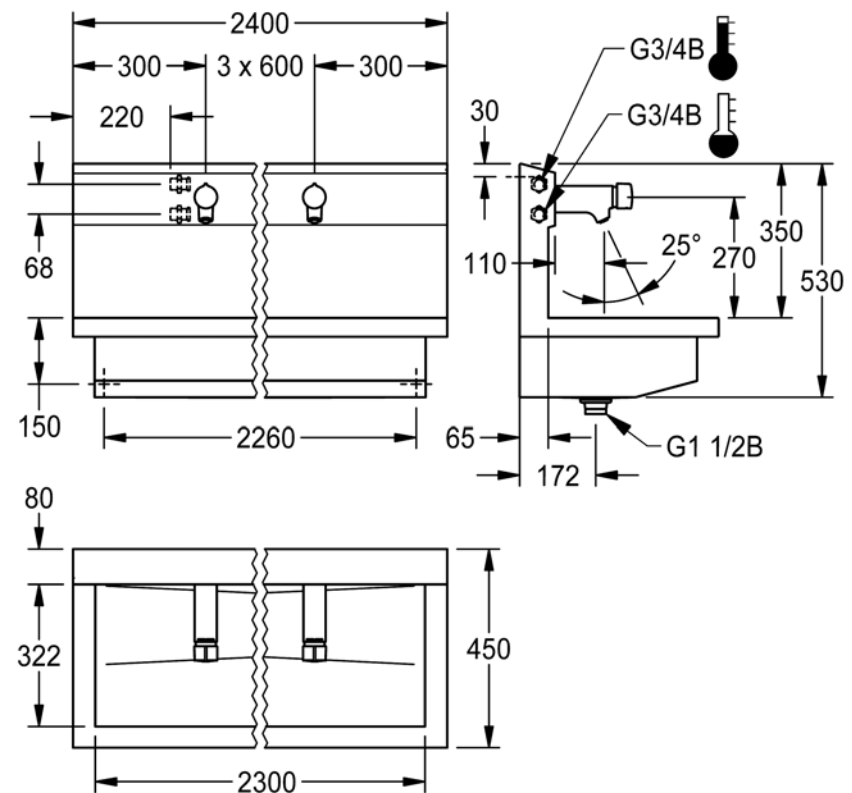
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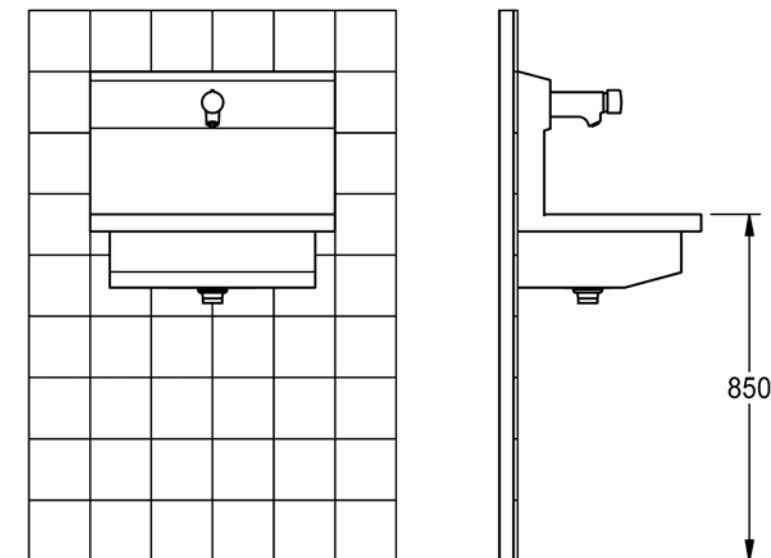


PL18USM



PL24USM





EN Installation and operating instructions

Important notes

- ▶ Before installing flush piping system!
- ▶ The fitting must be operated only with original mesh filters and return flow inhibitors!
- ▶ The fitting must be checked and maintained at regular intervals depending on the water quality and in accordance with the local conditions, and rules and regulations applicable at the site.

Technical data / per fitting

- ▶ Minimum flow pressure 1.0 bar
- ▶ Maximum operating pressure 10 bar
- ▶ Recommended flow pressure 1-5 bar
- ▶ Volume flow at 3 bar flow pressure 5 l/min
- ▶ maximum operating temperature
 - continuous operation 70 °C
 - short-term (<10 min) 80 °C
- ▶ Flow time at 38 °C 5-35 s, adjustable

DE Montage- und Betriebsanleitung

Wichtige Hinweise

- ▶ Vor Installation Rohrleitungen spülen!
- ▶ Armatur nur mit original Sieben und Rückflussverhinderern betreiben!
- ▶ In Abhängigkeit von der Wasserqualität, den örtlichen Gegebenheiten und den vor Ort geltenden Bestimmungen die Armatur in regelmäßigen Abständen prüfen und warten.

Technische Daten / je Armatur

- ▶ Mindestfließdruck 1,0 bar
- ▶ Maximaler Betriebsdruck 10 bar
- ▶ Empfohlener Fließdruck 1-5 bar
- ▶ Volumenstrom bei 3 bar Fließdruck 5 l/min
- ▶ maximale Betriebstemperatur
 - Dauerbetrieb 70 °C
 - Kurzzeit (<10 min) 80 °C
- ▶ Fließzeit bei 38 °C 5-35 s, einstellbar

PL**Instrukcja montażu i obsługi****Ważne wskazówki**

- ▶ Przed instalacją przepłukać rury!
- ▶ Armatury należy używać wyłącznie z oryginalnymi sitkami i zaworami zwrotnymi!
- ▶ Armaturę należy poddawać regularnej kontroli i konserwacji w zależności od jakości wody, warunków lokalnych i obowiązujących przepisów.

Dane techniczne / dla każdej armatury

- ▶ Minimalne ciśnienie przepływu 1,0 bar
- ▶ Maksymalne ciśnienie robocze 10 barów
- ▶ Zalecane ciśnienie przepływu 1-5 barów
- ▶ Objętościowe natężenie przepływu przy ciśnieniu 3 barów 5 l/min
- ▶ Maksymalna temperatura eksploatacji
 - Praca stała 70 °C
 - Czas krótki (<10 min) 80 °C
- ▶ Czas przepływu w temp. 38 °C 5-35 s, z możliwością ustawienia

FR**Notice de montage et de mise en service****Remarques importantes**

- ▶ Rincer les conduites avant d'installer !
- ▶ Ne faire fonctionner la robinetterie qu'avec les filtres et clapets de non retour d'origine !
- ▶ En fonction de la qualité de l'eau, ainsi que des conditions et des dispositions locales, il convient de contrôler et d'entretenir la robinetterie à intervalles réguliers.

Données techniques/ par robinet

- ▶ Pression dynamique minimale 1,0 bar
- ▶ Pression de service maximale 10 bars
- ▶ Pression dynamique recommandée 1-5 bars
- ▶ Débit volumique pour 3 bars de pression dynamique 5 l/min
- ▶ Température de fonctionnement maximale
 - Fonctionnement continu 70 °C
 - Courte période (< 10 min) 80 °C
- ▶ Temps d'écoulement à 38 °C 5-35 s, réglable

SV**Monterings- och driftinstruktion****Viktiga informationer**

- ▶ Spola igenom rörledningarna före installation!
- ▶ Använd armaturen endast med originalsilar och originalåterflödesförhindrare!
- ▶ Kontrollera och serva armaturen med intervaller som bestäms av vattenkvaliteten samt de lokala förhållandena och de bestämmelser som gäller där.

Tekniska data/ per armatur

- ▶ Minsta hydrauliska tryck 1,0 bar
- ▶ Maximalt drifttryck 10 bar
- ▶ Rekommenderat hydrauliskt tryck 1-5 bar
- ▶ Volymström vid 3 bar hydrauliskt tryck 5 l/min
- ▶ Maximal driftstemperatur
 - Kontinuerlig drift 70 °C
 - Kort tid (< 10 min) 80 °C
- ▶ Flytförmåga vid 38 °C 5-35 s, inställbar

CS**Návod pro montáž a provoz****Důležité pokyny**

- ▶ Před instalací potrubí propláchněte!
- ▶ Provozovat armaturu jen s originálními sítky a zařízeními proti zpětnému toku!
- ▶ V závislosti na kvalitě vody, místních podmínkách a předpisech platných v místě instalace je nutné provádět v pravidelných intervalech kontrolu a údržbu armatury.

Technické údaje / na armaturu

- ▶ Minimální průtočný tlak 1,0 bar
- ▶ Maximální provozní tlak 10 bar
- ▶ Doporučený průtočný tlak 1-5 bar
- ▶ Průtok při průtočném tlaku 3 bar 5 l/min
- ▶ Maximální provozní teplota
 - Doba provozu 70 °C
 - Krátký čas (< 10 min.) 80 °C
- ▶ Doba průtoku při 38 °C 5-35 s, nastavitelná

ES

Instrucciones de montaje y servicio

Datos técnicos/ por grifo

- ▶ ¡Enjuagar las tuberías antes de instalar!
- ▶ ¡La grifería debe hacerse funcionar únicamente con los tamices y las válvulas antiretorno originales!
- ▶ En función de la calidad del agua, las condiciones locales y la legislación vigente, realizar las inspecciones y el mantenimiento de la grifería a intervalos regulares.

Datos técnicos

- ▶ Presión mínima de flujo 1,0 bar
- ▶ Presión máxima de servicio 10 bares
- ▶ Presión de flujo recomendada 1-5 bares
- ▶ Flujo volumétrico con 3 bares de presión de flujo 5 l/min
- ▶ Temperatura de servicio máxima
 - Funcionamiento continuo 70 °C
 - Tiempo breve (< 10 min) 80 °C
- ▶ Tiempo de flujo a 38 °C 5-35 s, ajustable

IT

Istruzioni per il montaggio e l'uso

Avvertenze importanti

- ▶ Sциacquare le tubazioni prima di installare!
- ▶ Utilizzare la rubinetteria esclusivamente con i filtri e le valvole antiriflusso originali!
- ▶ Controllare e sottoporre a manutenzione l'apparecchio ad intervalli regolari, in funzione della qualità dell'acqua, delle caratteristiche locali e delle vigenti disposizioni locali.

Specifiche tecniche / per rubinetto

- ▶ Pressione idraulica min. 1,0 bar
- ▶ Pressione di esercizio max. 10 bar
- ▶ Pressione idraulica consigliata 1-5 bar
- ▶ Portata volumetrica a 3 bar di pressione idraulica 5 l/min
- ▶ Temperatura massima di esercizio
 - Funzionamento continuo 70 °C
 - Brevemente (<10 min) 80 °C
- ▶ Durata di flusso a 38 °C 5-35 s, impostabile

FI

Asennus- ja käyttöohje

Tekniset tiedot / per asennus

- ▶ Huuhtele putkijohdot ennen asennusta!
- ▶ Käytä varusteet vain alkuperäisten sihtien ja takaisinvirtauksen eston kanssa!
- ▶ Hana tulee tarkistaa ja huoltaa säännöllisin väliajoin veden laadusta, paikallisista oloista ja paikalla voimassa olevista määräyksistä riippuen.

Tekniset tiedot

- ▶ Vähimmäisvirtauspaine 1,0 bar
- ▶ Suurin käyttöpaine 10 bar
- ▶ Suositeltava virtauspaine 1-5 bar
- ▶ Tilavuusvirta 3 barin virtauspaineella 5 l/min
- ▶ Maksimaalinen käyttölämpötila
 - Jatkuva käyttö 70 °C
 - Lyhyt aika (<10 min) 80 °C
- ▶ Virtausaika 38 °C lämpötilassa 5-35 s, säädettävissä

RU

Инструкция по монтажу и вводу в эксплуатацию

Важные указания

- ▶ Перед инсталляцией промыть трубки!
- ▶ Эксплуатировать арматуру только с оригинальными фильтрами и клапанами обратного течения!
- ▶ Арматуру необходимо регулярно чистить и обслуживать в зависимости от качества воды, местных условий и действующих в месте эксплуатации предписаний.

Технические характеристики / на фитинг

- ▶ Минимальный гидравлический напор 1,0 бар
- ▶ Максимальное рабочее давление 10 бар
- ▶ Рекомендуемый гидравлический напор 1-5 бар
- ▶ Объёмный расход при гидравлическом напоре 3 бар 5 л/мин
- ▶ Максимальная рабочая температура
 - Непрерывный режим работы 70 °C
 - Короткое время (<10 мин) 80 °C
- ▶ Продолжительность истечения при 38 °C 5-35 s, регулируемое

Belangrijke aanwijzingen

- ▶ Voor installatie buisleidingen spoelen!
- ▶ Armatuur alleen met originele zeven en terugstroomkleppen gebruiken!
- ▶ Afhankelijk van de waterkwaliteit, de plaatselijke omstandigheden en de plaatselijke voorschriften de armatuur regelmatig controleren en onderhouden.

Technische gegevens / per fitting

- ▶ Minimale dynamische druk 1,0 bar
- ▶ Maximale werkdruk 10 bar
- ▶ Aanbevolen dynamische druk 1-5 bar
- ▶ Volumestroom bij 3 bar dynamische druk 5 l/min
- ▶ Maximale bedrijfstemperatuur
 - Continubedrijf 70 °C
 - Kortstondig (<10 min) 80 °C

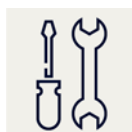


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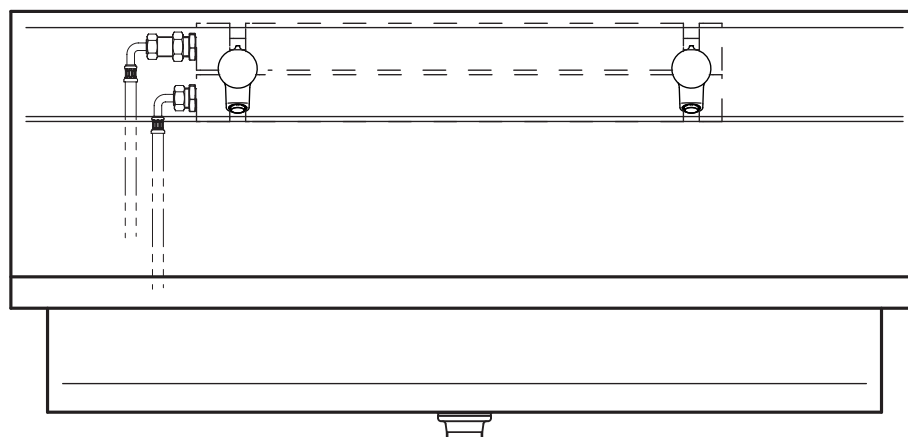
EN Installation
FR Montage
ES Montaje
IT Montaggio

NL Montage
PL Montaż
SV Montering

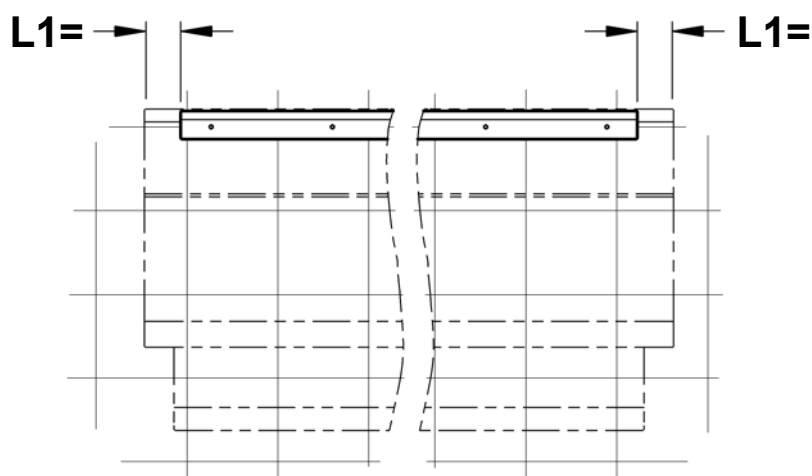
CS Montáž
FI Asennus
RU Монтаж
AR



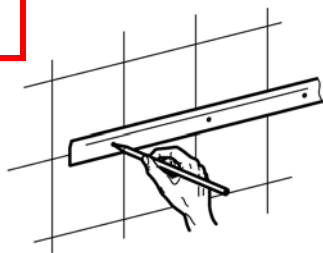
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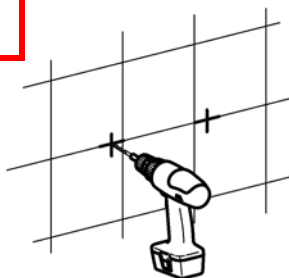
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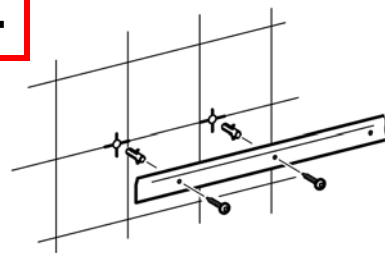
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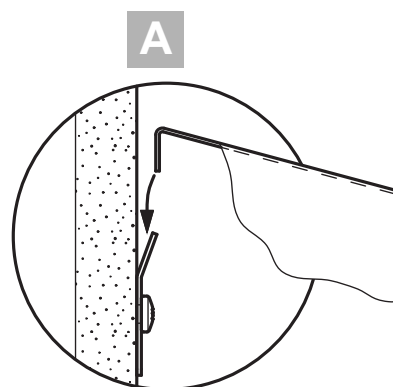
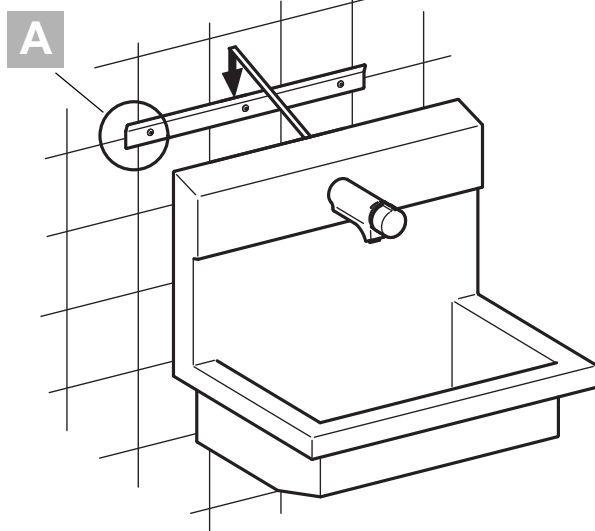
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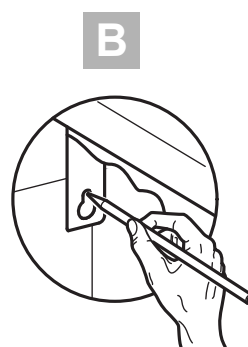
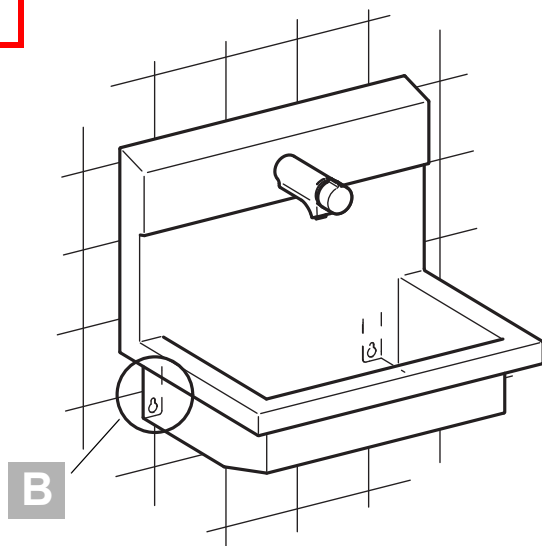
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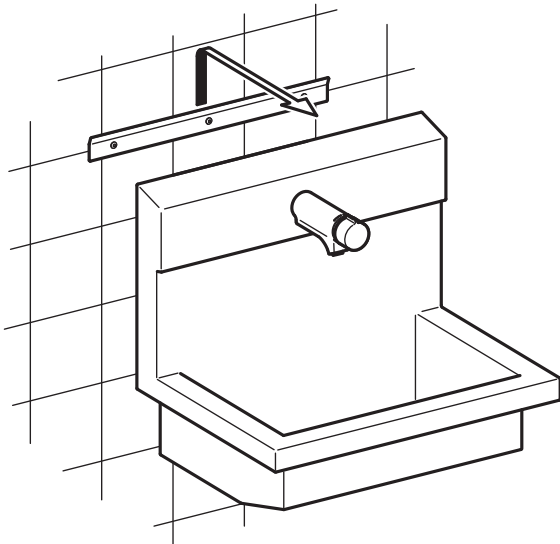
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6



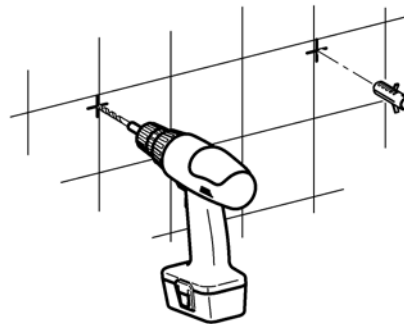
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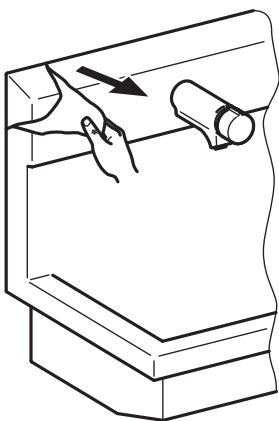
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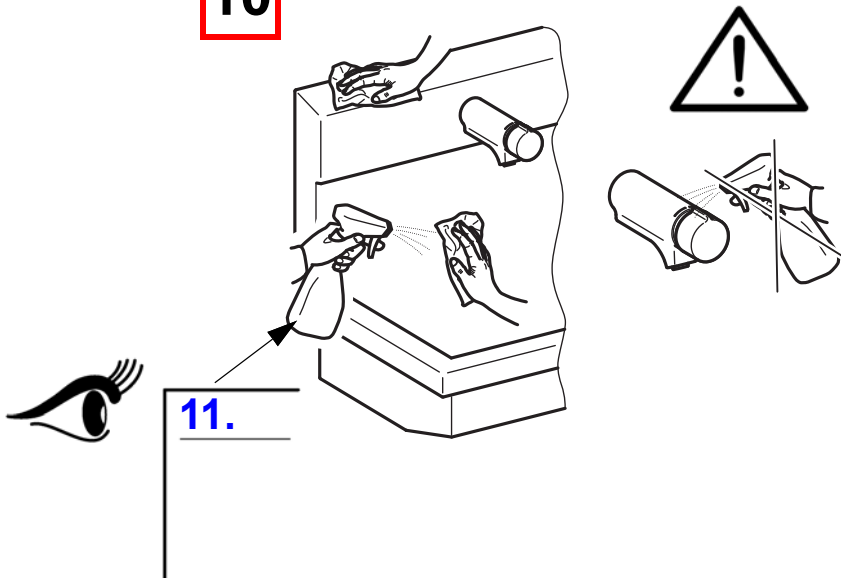
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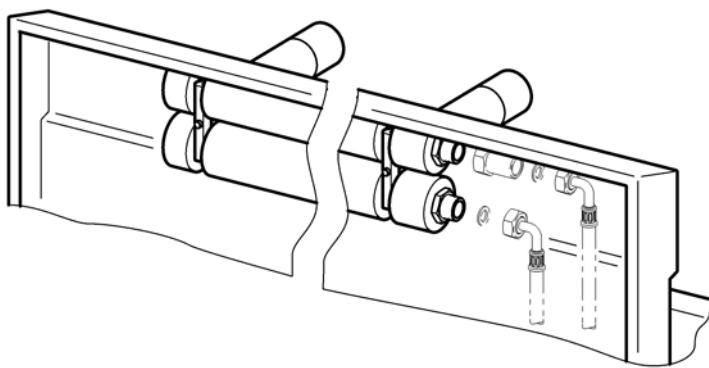
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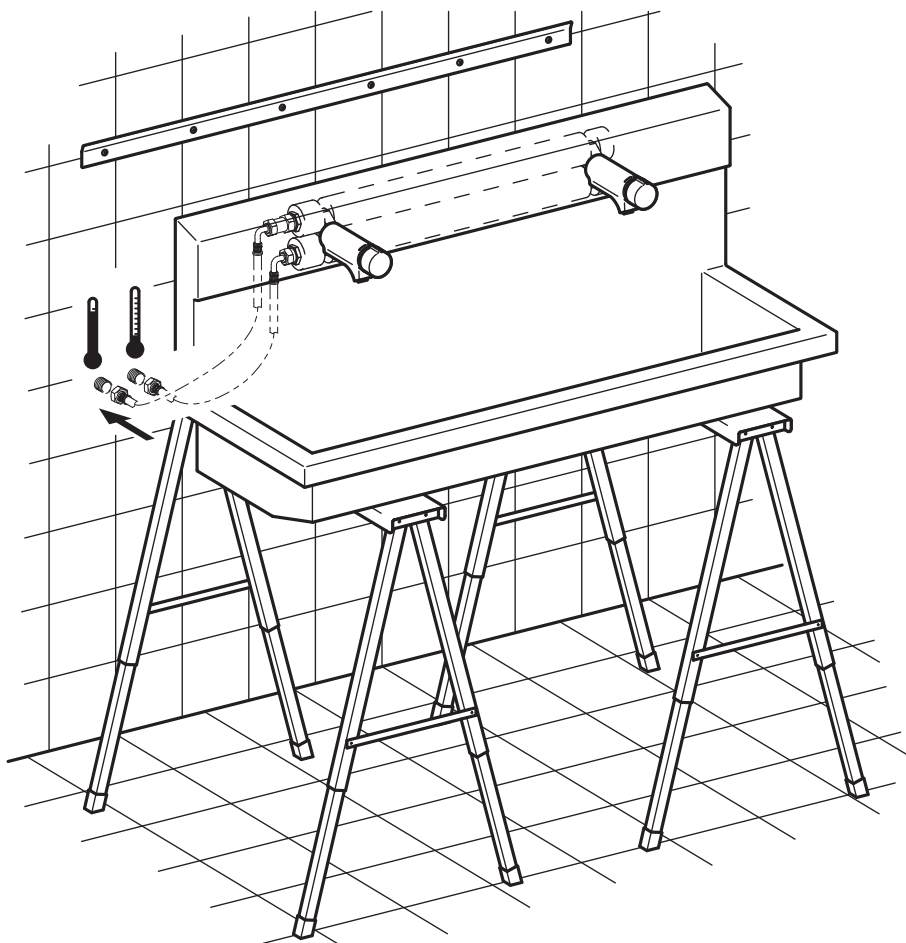
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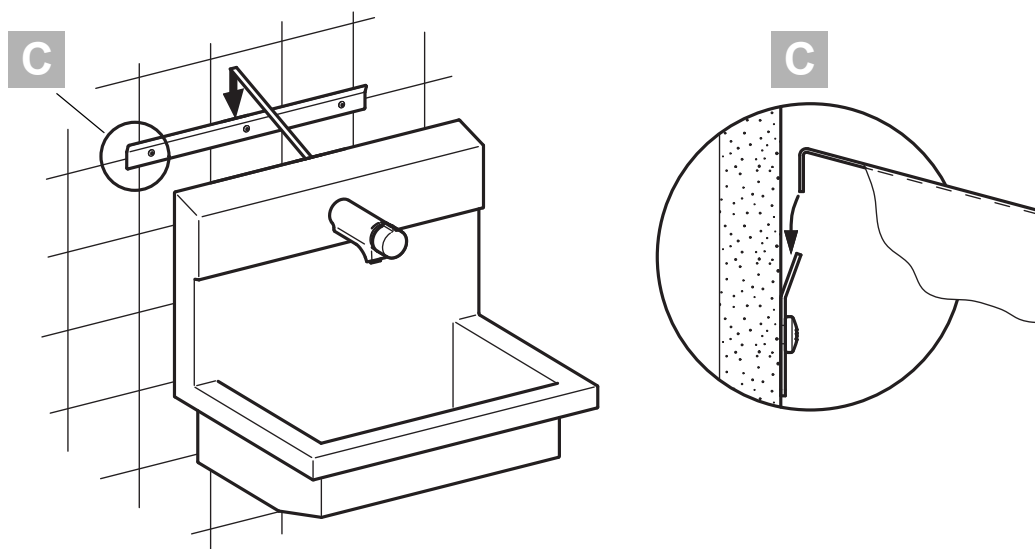
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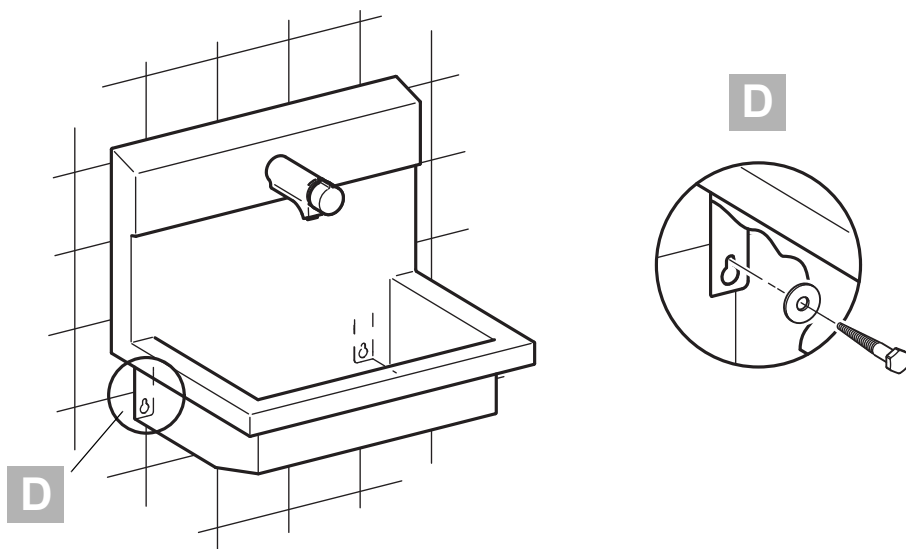
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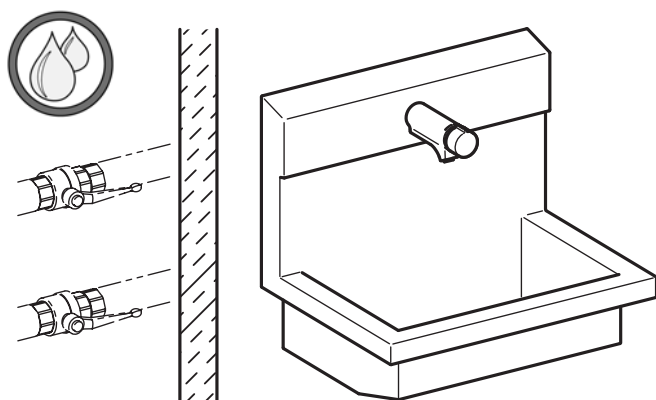
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14



15

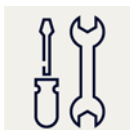


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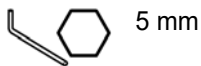
EN Installation
FR Montage
ES Montaje
IT Montaggio

NL Montage
PL Montaż
SV Montering

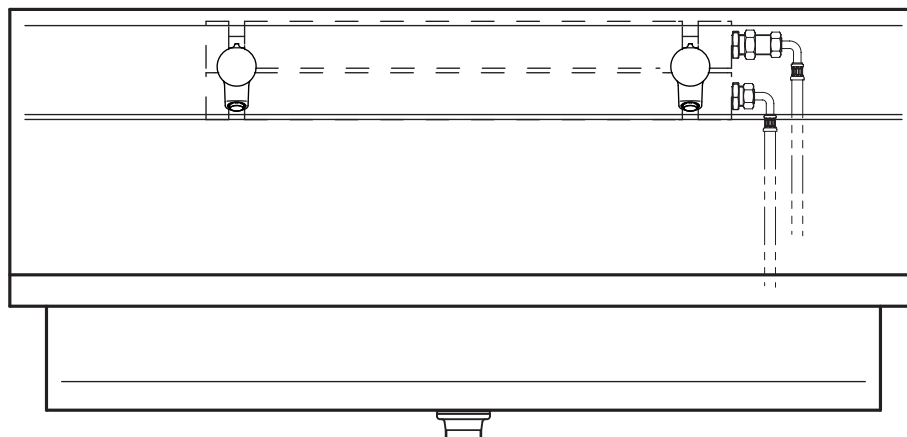
CS Montáž
FI Asennus
RU Монтаж
AR



10 mm



5 mm



1

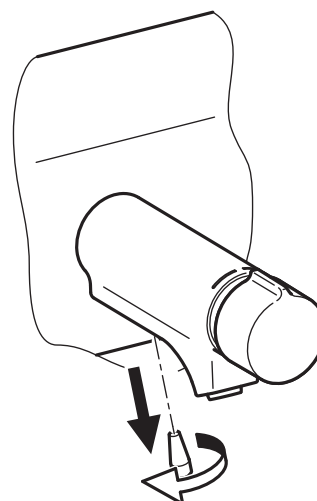


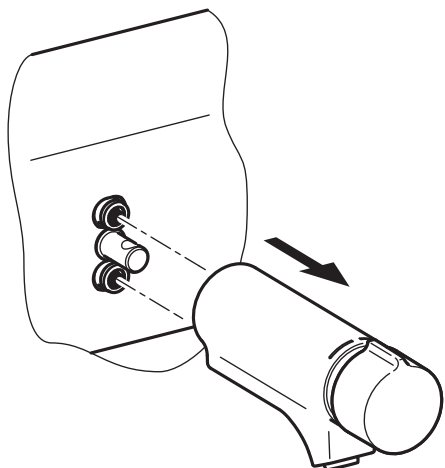
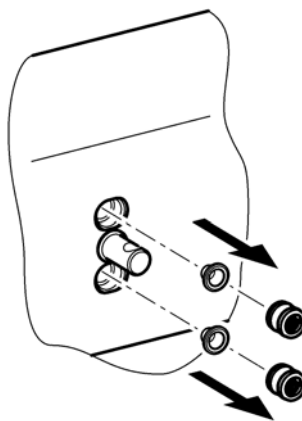
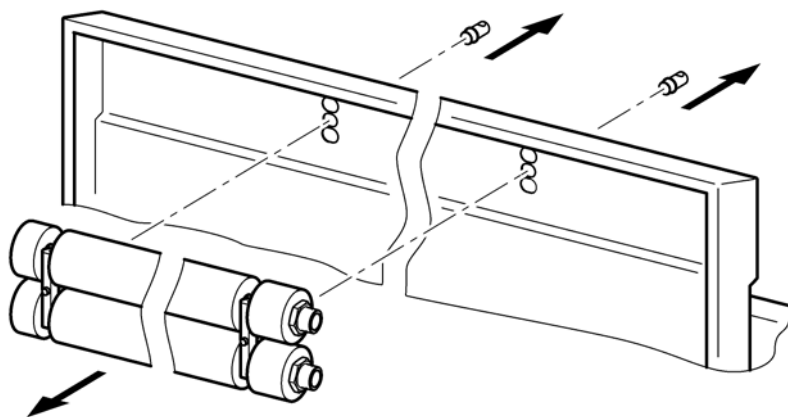
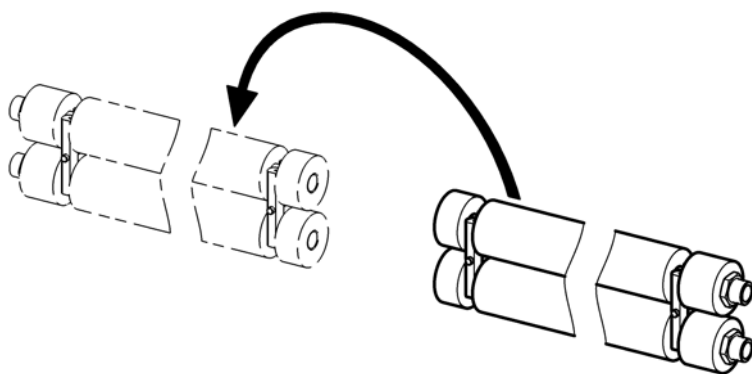
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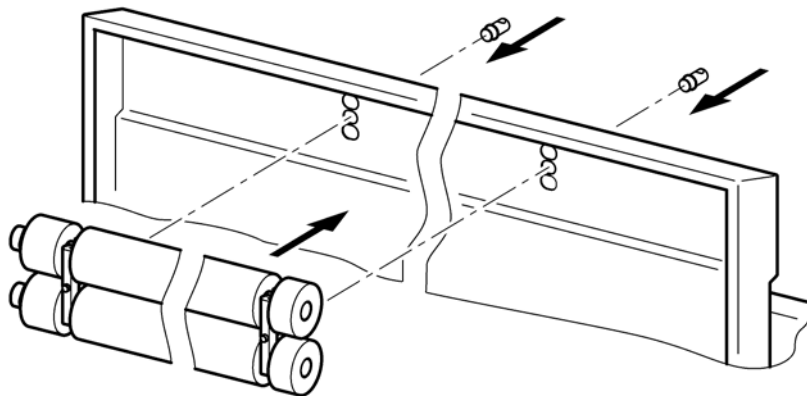
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2



3**4****5****6**

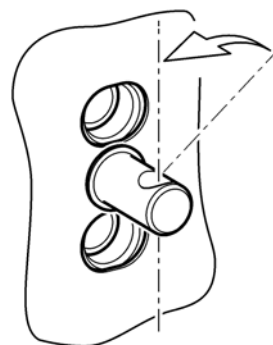
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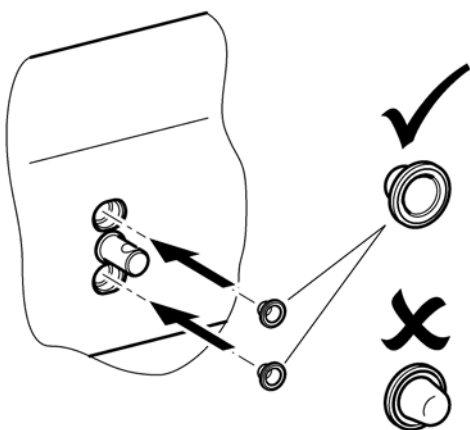
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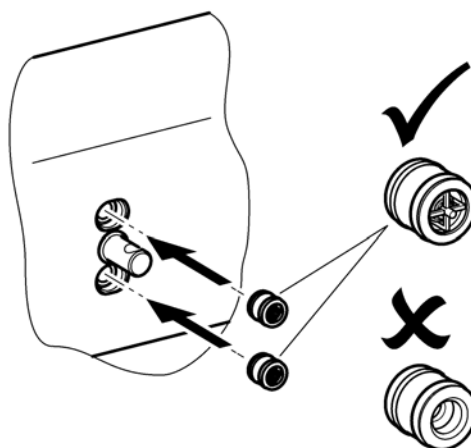
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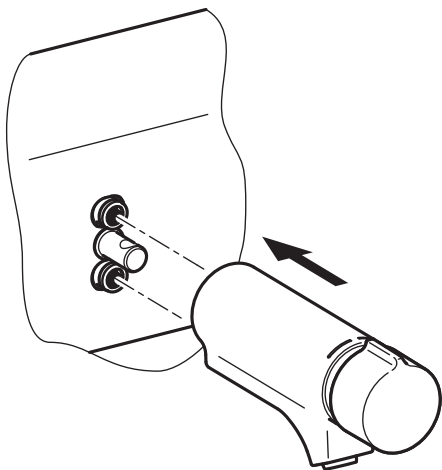
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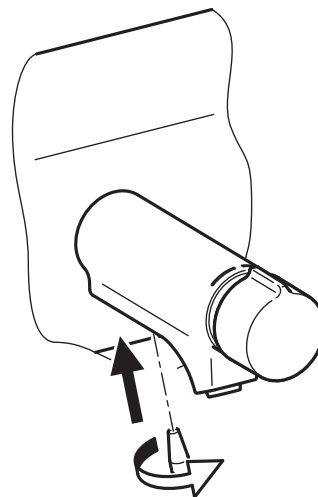
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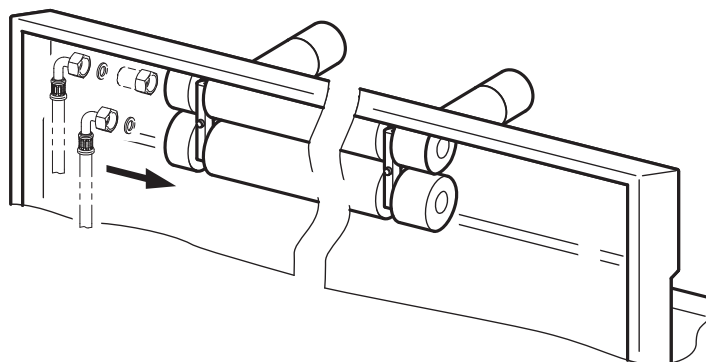
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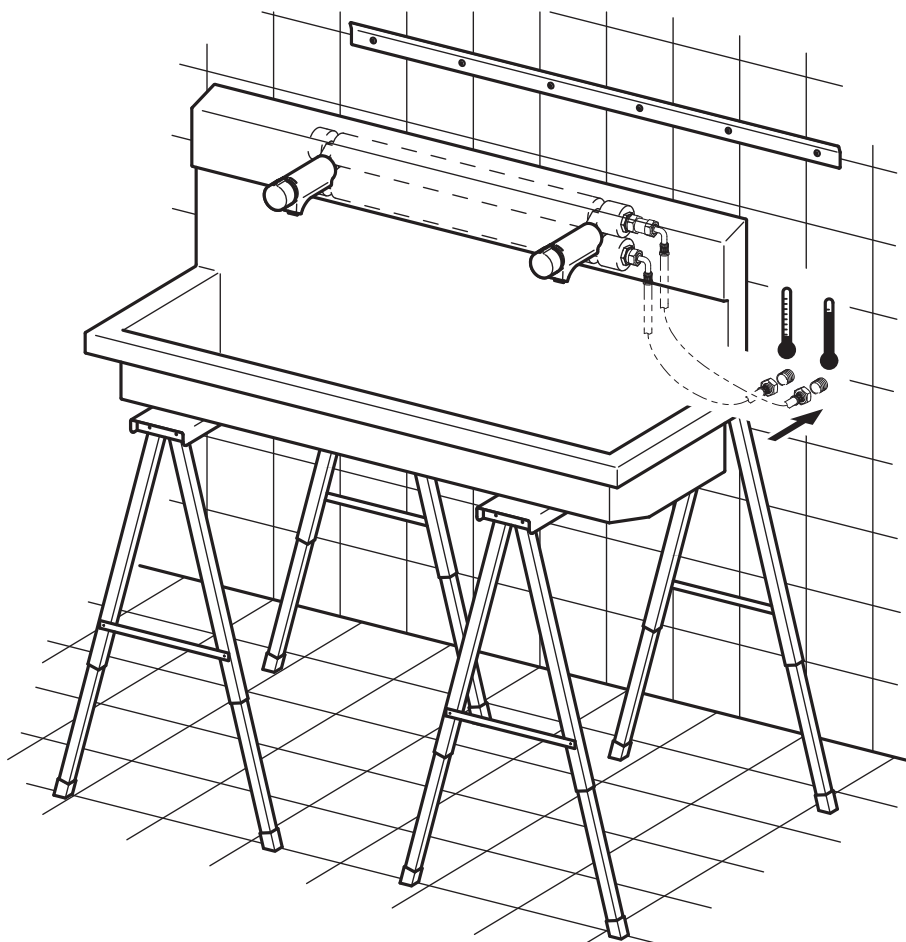
13



14



15



16



1.

13 - 15

3. Funktion

EN Function

FR Fonctionnement

ES Función

IT Funzionamento

NL Werking

PL Funkcja

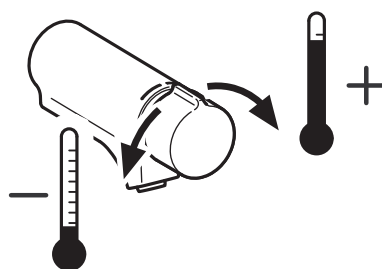
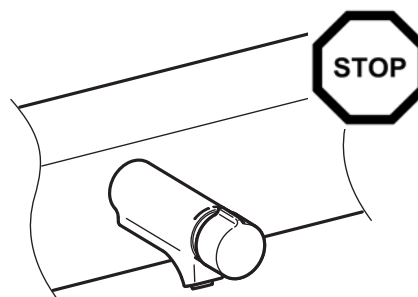
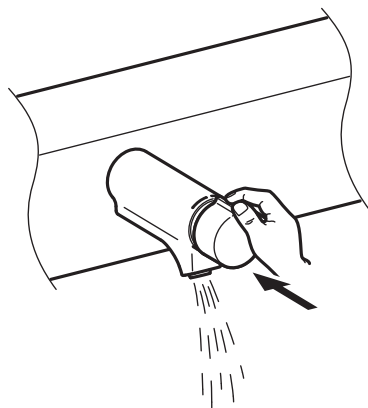
SV Funktion

CS Funkce

FI Toiminto

RU Функционирование

AR



4. Fließzeit einstellen

EN Adjust flow duration

NL Stromingstijd instellen

CS Nastavit dobu průtoku

FR Régler la durée d'écoulement

PL Ustawić czas przepływu

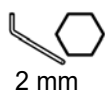
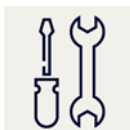
FI Aseta virtausaika

ES Ajustar el tiempo de flujo

SV Ställa in flytförmågan

RU Регулировка времени истечения

IT Impostazione della durata di flusso

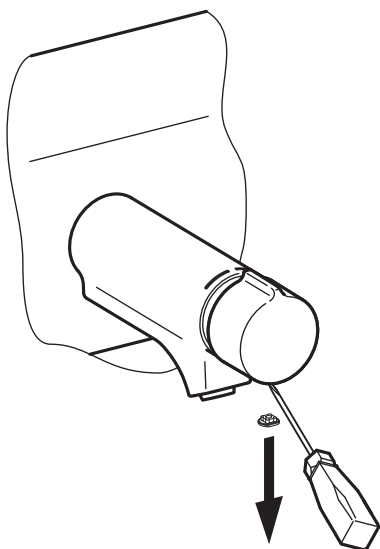


2 mm

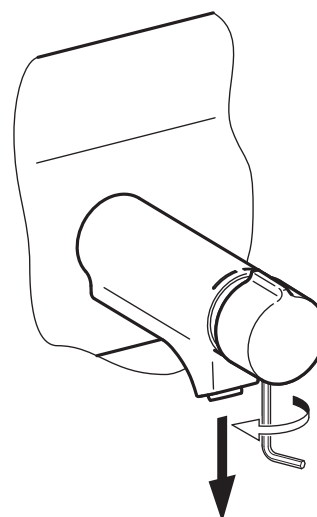


2,5 mm

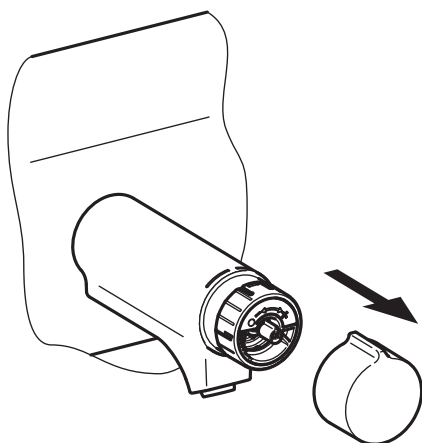
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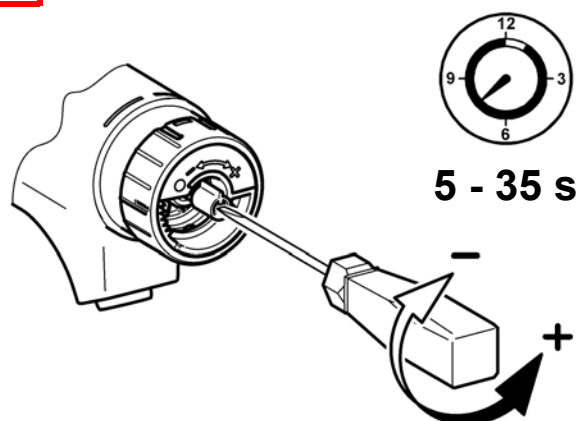
2



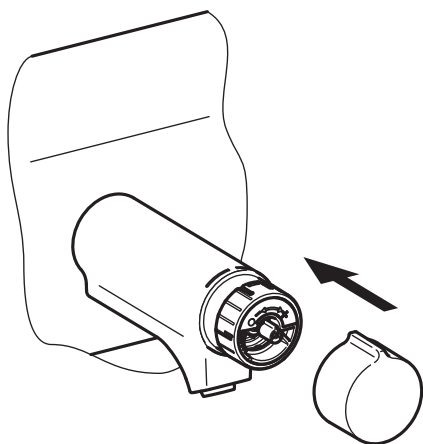
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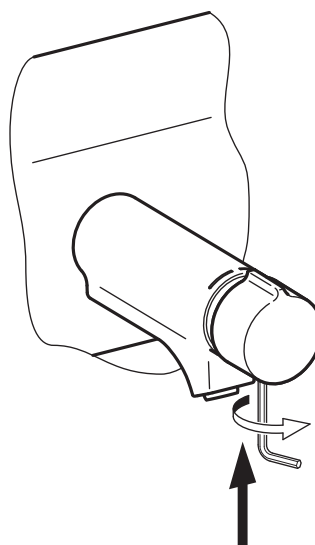
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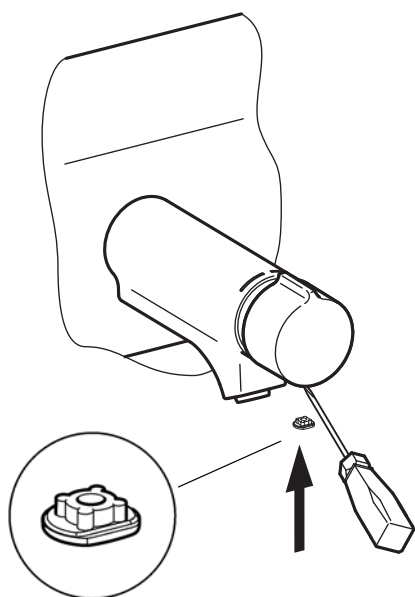
5



6



7



5. Temperaturanschlag einstellen

EN Setting the temperature stop

NL Temperatuurbegrenzing instellen

CS Nastavení teplotního limitu

FR Réglage de la butée de température

PL Ustawienie ograniczenia temperatury

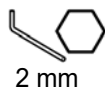
FI Lämpötilarajoittimen säätäminen

ES Ajuste del tope de temperatura

SV Ställa in temperaturstoppet

RU Настройка температурного упора

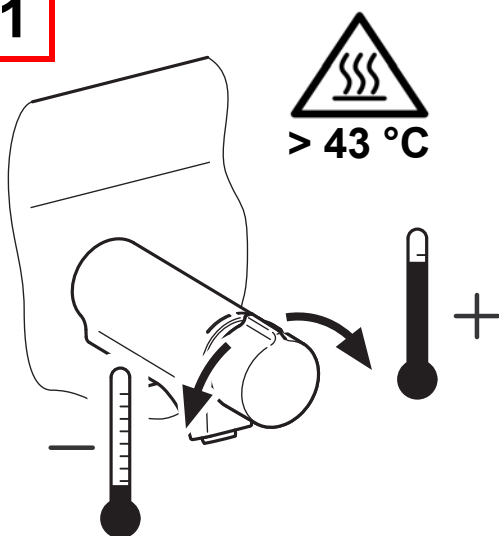
IT Impostazione del blocco temperatura



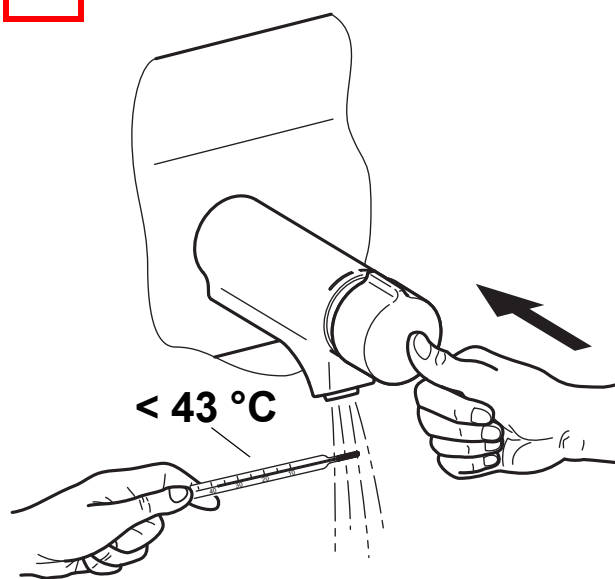
2 mm



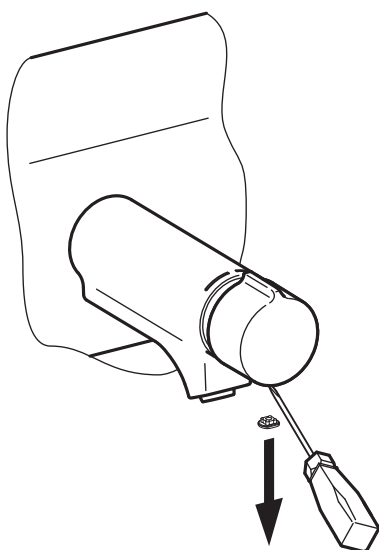
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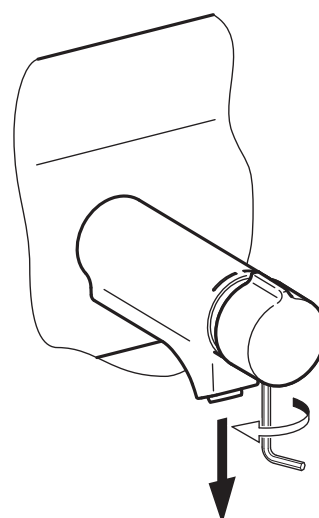
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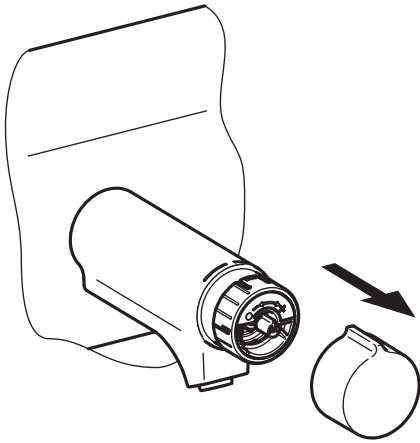
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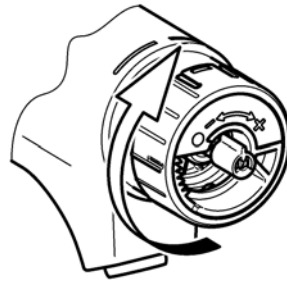
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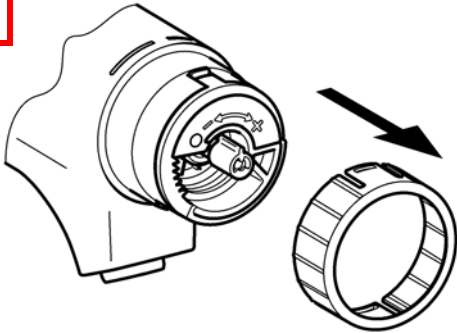
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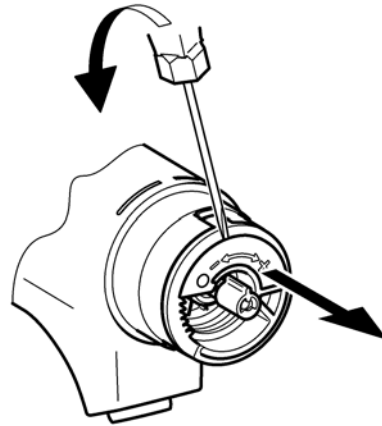
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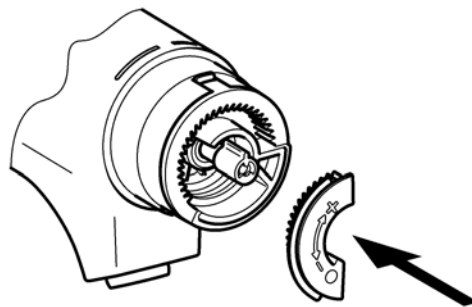
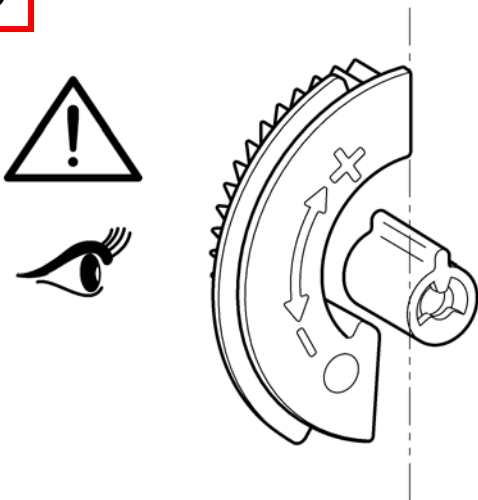
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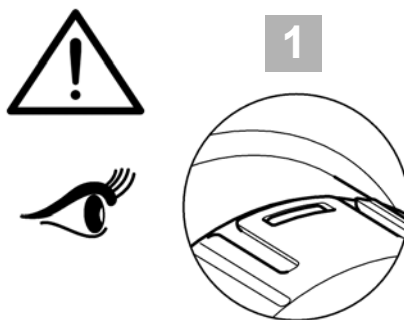
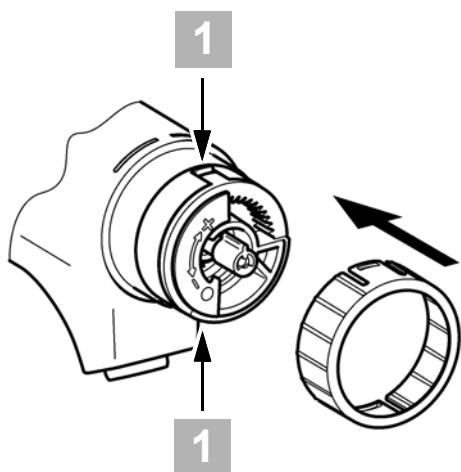
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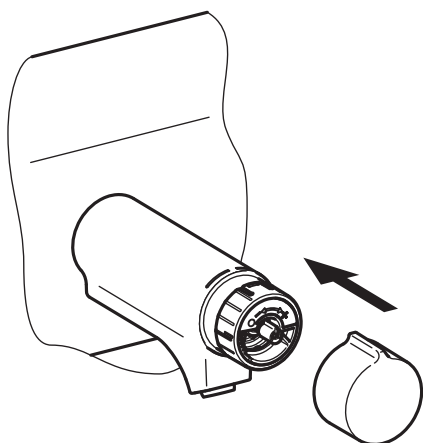
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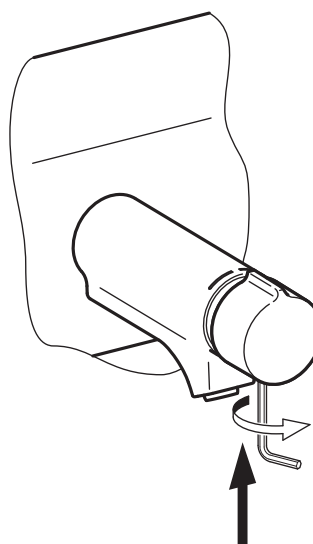
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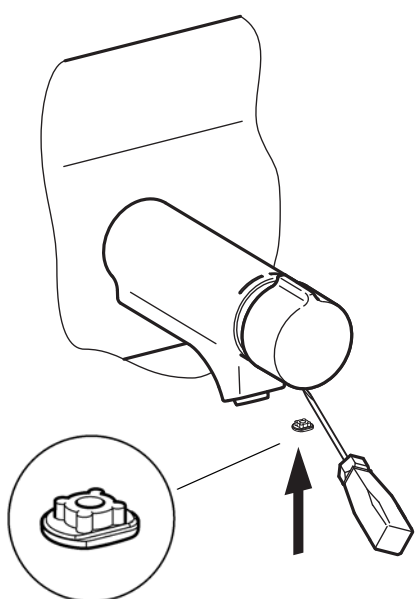
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12



13

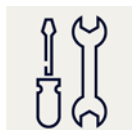


6. Wartung

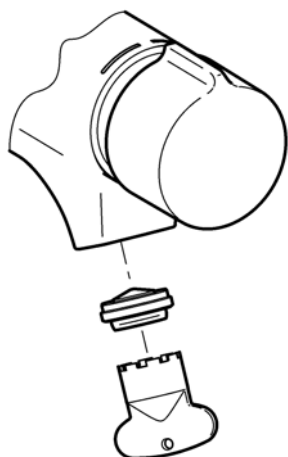
EN Maintenance
FR Maintenance
ES Mantenimiento
IT Manutenzione

NL Onderhoud
PL Konserwacja
SV Underhåll

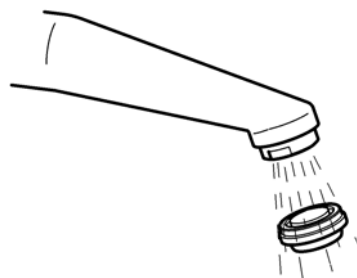
CS Varování
FI Huolto
RU Техническое обслуживание



1



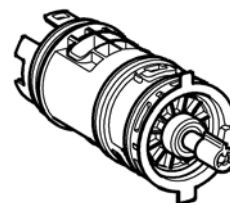
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7.



8.



9.

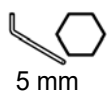
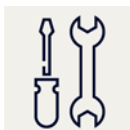


7. Siebe wechseln

EN Replace the filters
FR Remplacement les filtres
ES Cambiar los tamices
IT Sostituire i filtri

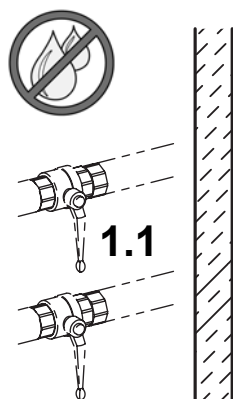
NL Zeven vervangen
PL Wymiana sit
SV Byt filter

CS Vyměňte síto
FI Siivilän vaihto
RU Сменить сеточки

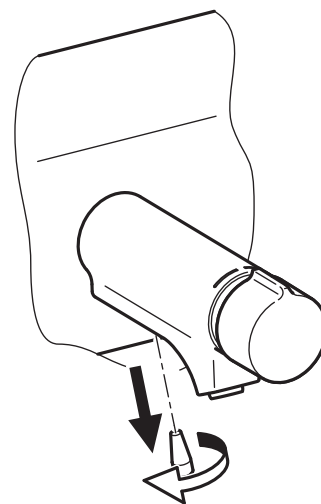
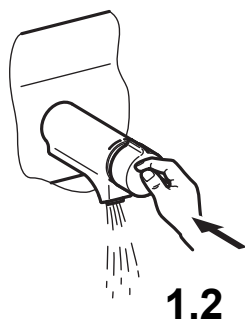


5 mm

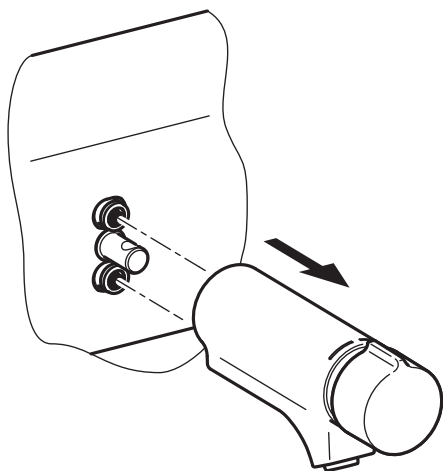
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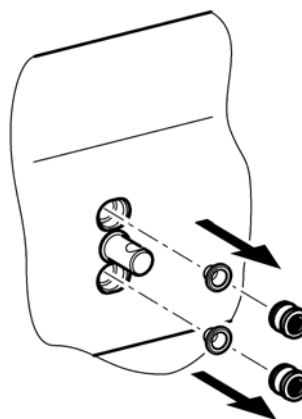
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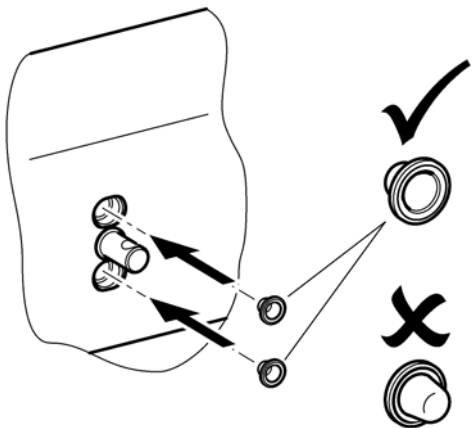
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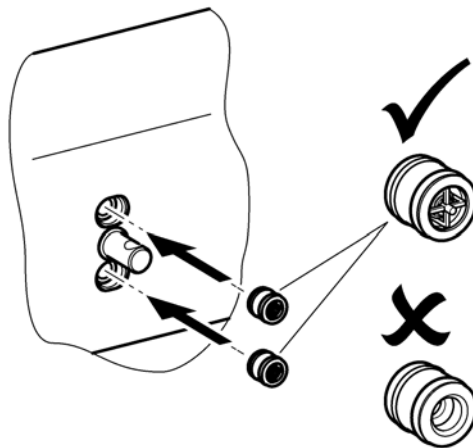
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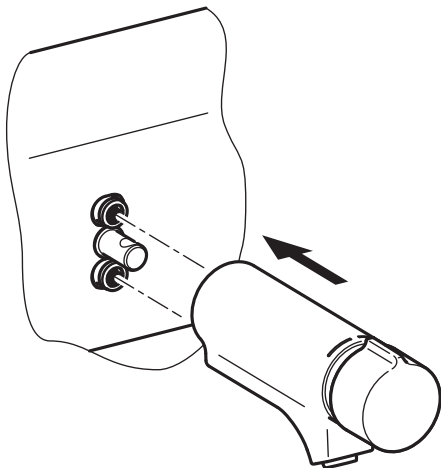
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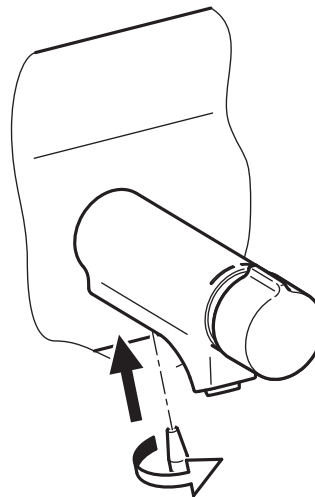
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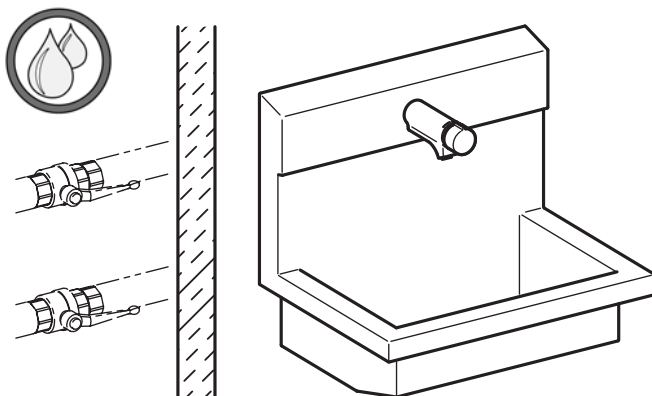
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8

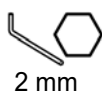


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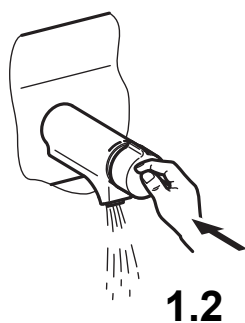
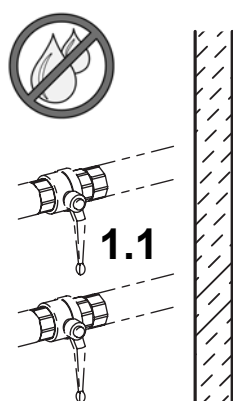


8. Selbstschluss-Kartusche wechseln

EN	Replace self-closing cartridge	PL	Wymienić wkład samozamykający
FR	Remplacement de la cartouche mélangeuse à fermeture automatique	SV	Byta självstängande patron
ES	Cambio de cartucho con cierre automático	CS	Výměna kartuše vodovodní baterie
IT	Sostituzione della cartuccia a chiusura automatica	FI	Itsesulkeutuvan panoksen vaihtaminen
NL	Zelfsluitende patroon vervangen	RU	Замена самоблокирующегося картриджа



1



2

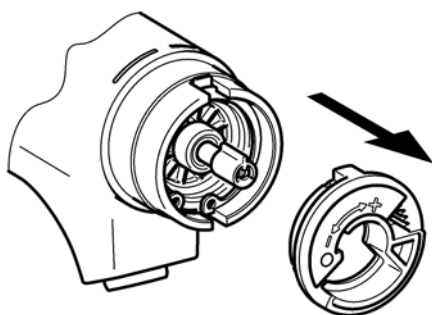


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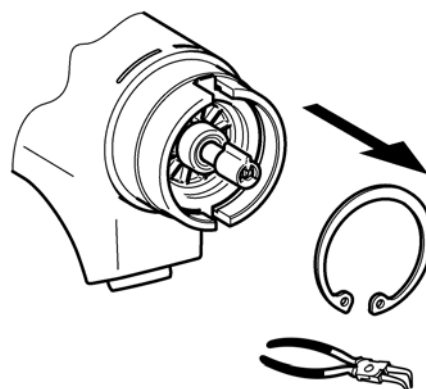
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7

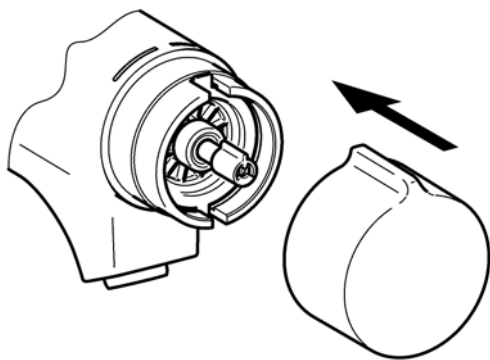
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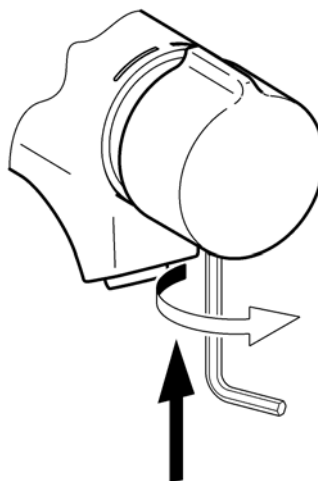
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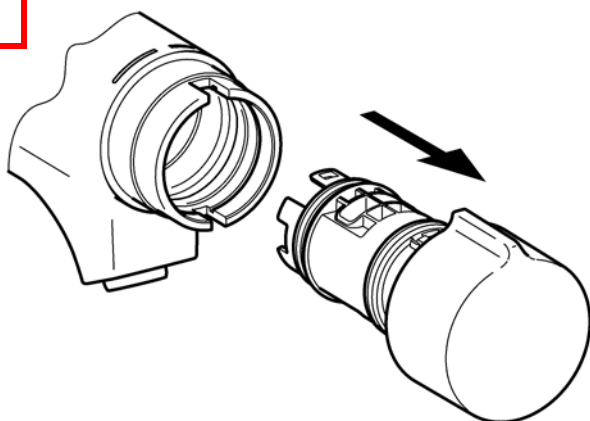
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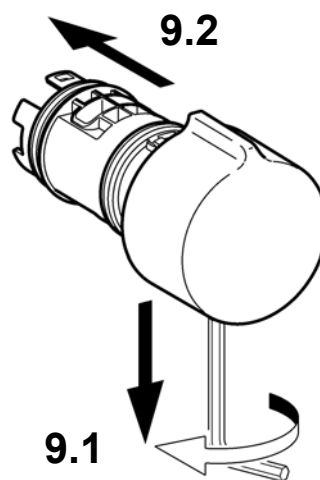
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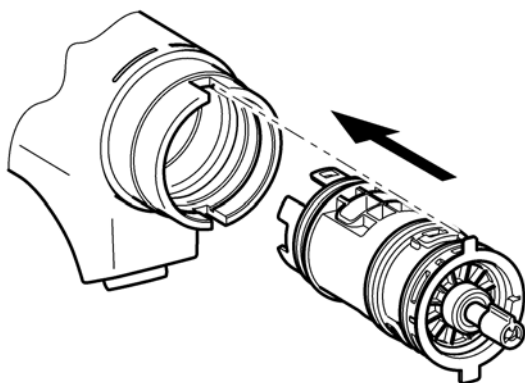
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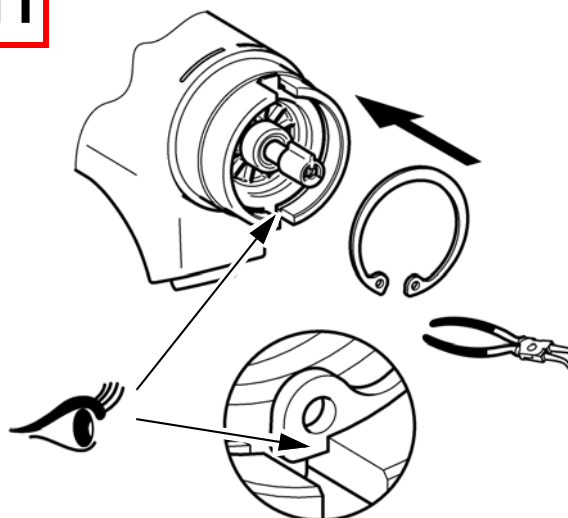
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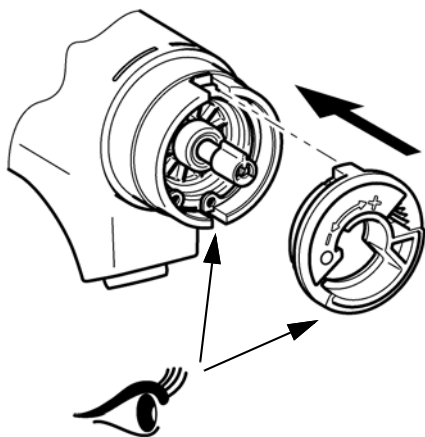
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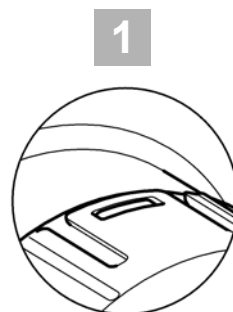
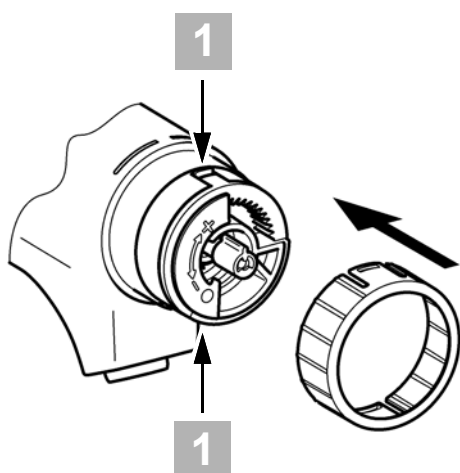
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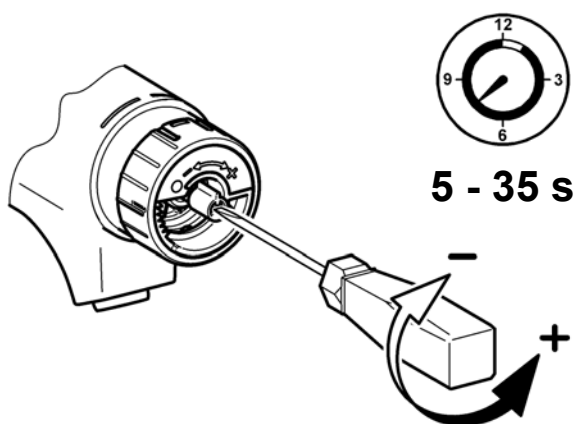
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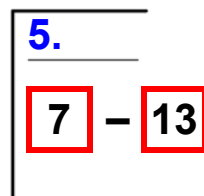
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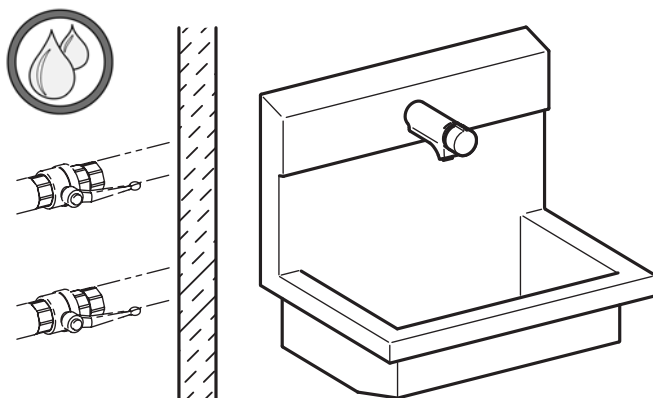
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15

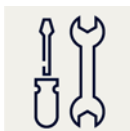


16



9. Rückflussverhinderer wechseln

EN Replace the return flow inhibitor	NL Terugstroomklep vervangen	CS Vyměňte zábranu zpětného průtoku
FR Remplacement du clapet de non-retour	PL Wymiana zaworu zwrotnego	FI Paluuvirtausestäjän vaihto
ES Reemplazar la válvula antiretorno	SV Byt återströmningsskydd	RU Заменить клапан обратного течения
IT Sostituire la valvola antiriflusso		



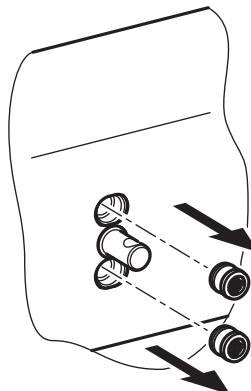
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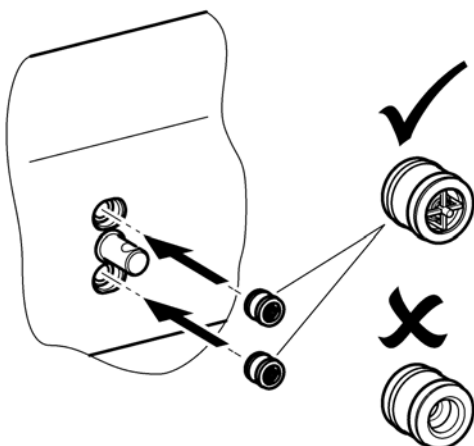
7.

1 - 3

2



3



4



7.

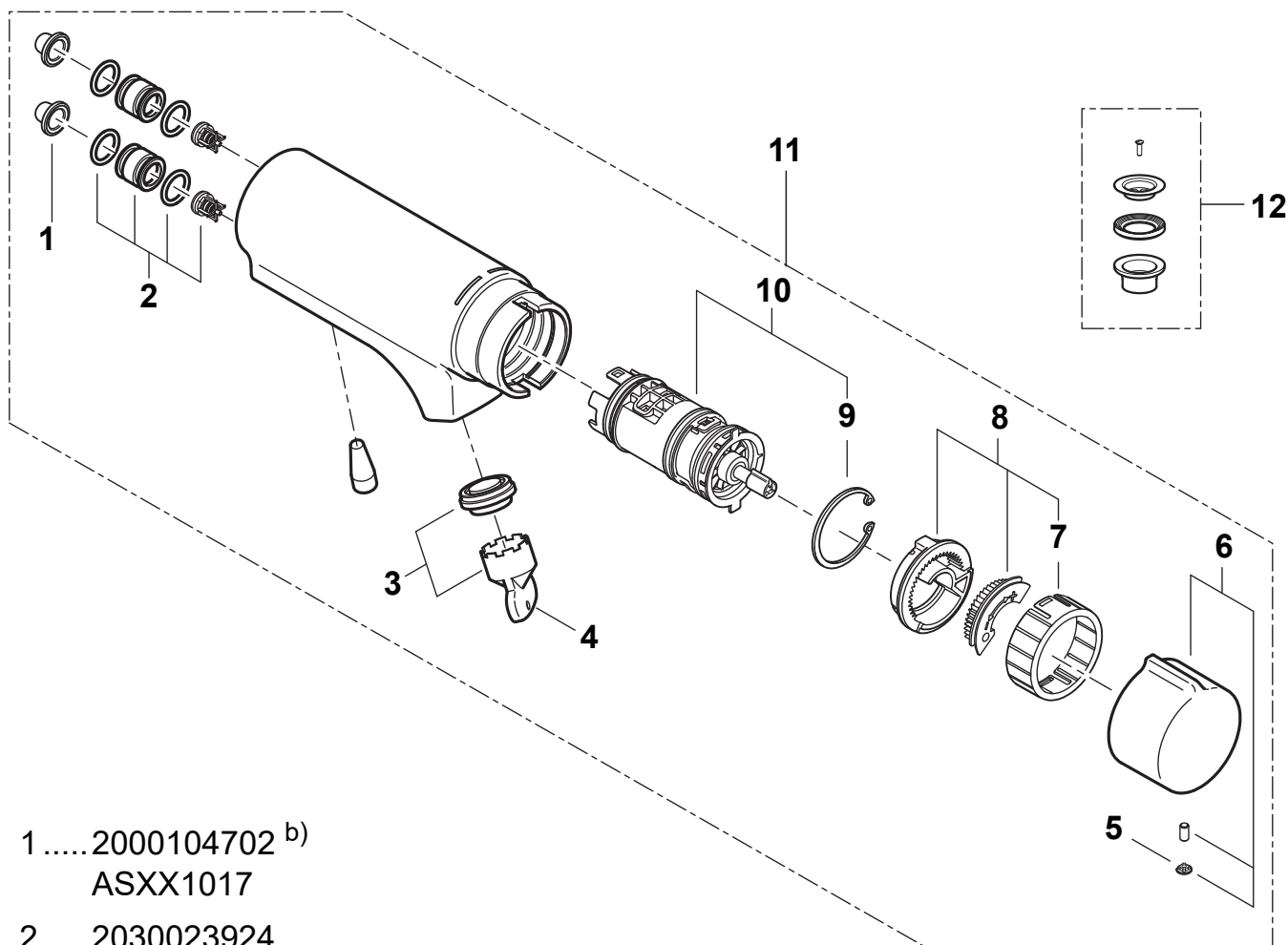
6 - 9

10. 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



1 2000104702 ^{b)}
ASXX1017

2 2030023924
ETAPS0040

3**5 l/min:**
2030041011
ASXX1004

4 2030041329
ACXX1003

5 2030053006 ^{b)}
ASSX9004

6 2030050753
ASSM9004

7 2030048356
ASSX9002

8 2030046189
ASSM9002

9 2030048357 ^{a)}
ASSX9003

10 ...2030046185
ASSM9001

11 ...2030058991
F5SM1011

12 ...2000103398
ESIRX019

EN a) 5 pieces
b) 10 pieces

ES a) 5 piezas
b) 10 piezas

PL a) 5 sztuk
b) 10 sztuk

FI a) 5 kappaletta
b) 10 kappaletta

DE a) 5 Stück
b) 10 Stück

IT a) 5 pezzi
b) 10 pezzi

SV a) 5 styck
b) 10 styck

RU a) 5 штук
b) 10 штук

FR a) 5 pièces
b) 10 pièces

NL a) 5 stuk
b) 10 stuk

CS a) 5 kusů
b) 10 kusů

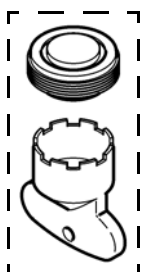
11. Zubehör

EN Accessories
FR Accessoire
ES Accesorios
IT Accessori

NL Toebehoren
PL Akcesoria
SV Tillbehör

CS Příslušenství
FI Lisävarusteet
RU принадлежности

1



2



3



1**±6 °, 5 l/min:**
2030041326
ACXX1002

2**3 l/min:**
2030041424 ^{a)}
ASXX1008

3**1,8 l/min:**
2030041442 ^{a)}
ACXX1005

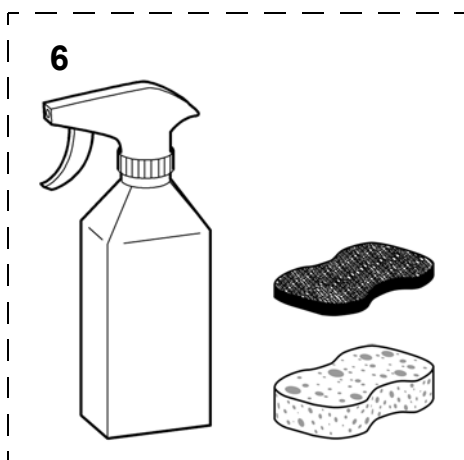
4



4 2030047203
ACXX9003

5 2000109019
ZWSPL0024

5



6**0,5 l:**
2000105091
ZWSPL0023

EN a) 10 pieces

ES a) 10 piezas

PL a) 10 sztuk

FI a) 10 kappaletta

DE a) 10 Stück

IT a) 10 pezzi

SV a) 10 styck

RU a) 10 штук

FR a) 10 pièces

NL a) 10 stuk

CS a) 10 kusů

Notizen

EN Notes

FR Notes

ES Notas

IT Annotazioni

NL Notities

PL Uwagi

SV Notiser

CS Poznámky

FI Muistiinpanot

RU Примечания

Notizen

EN Notes

FR Notes

ES Notas

IT Annotazioni

NL Notities

PL Uwagi

SV Notiser

CS Poznámky

FI Muistiinpanot

RU Примечания

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