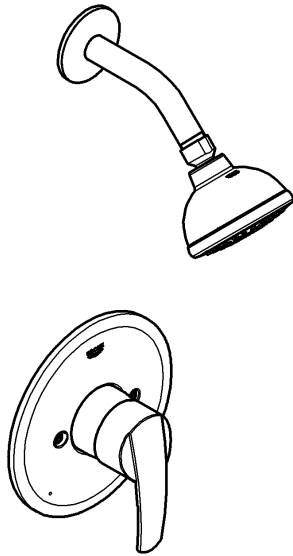
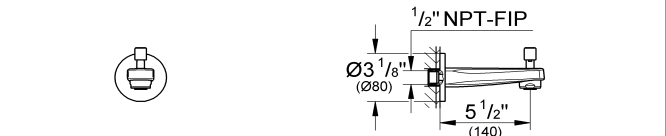
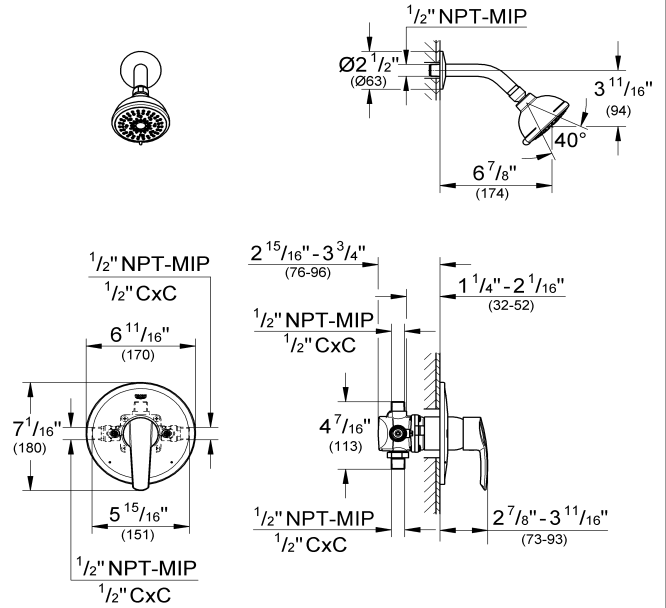
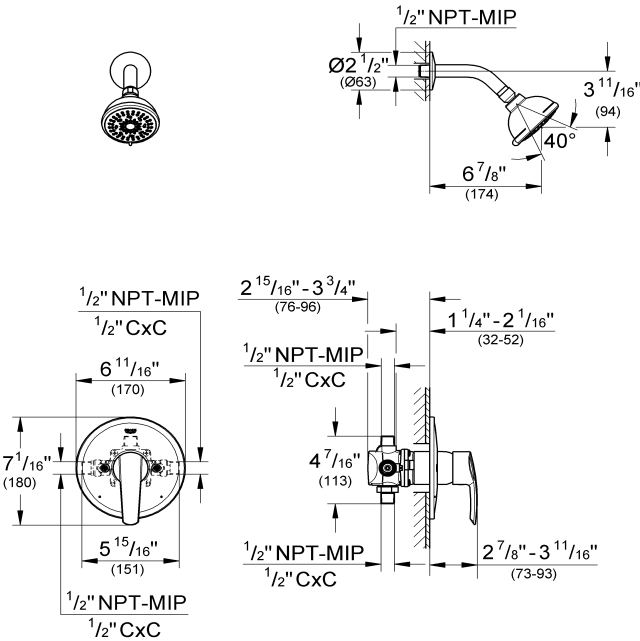
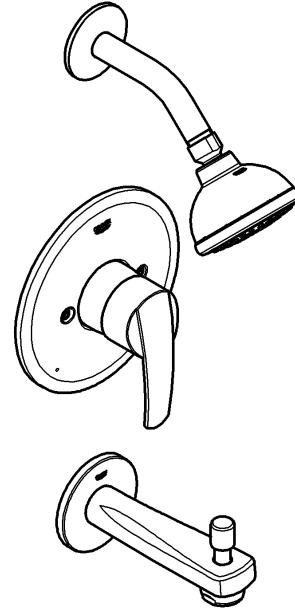




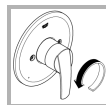
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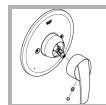
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.....1



.....5



.....8



.....11



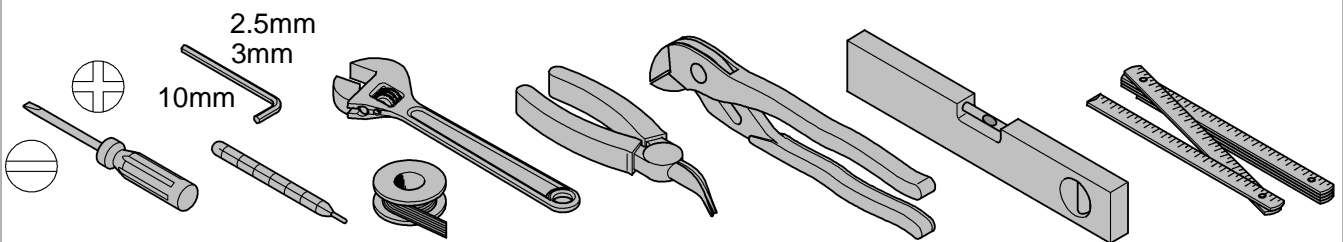
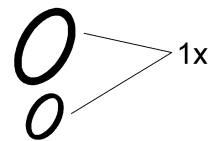
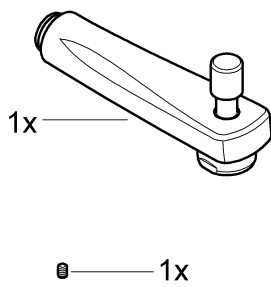
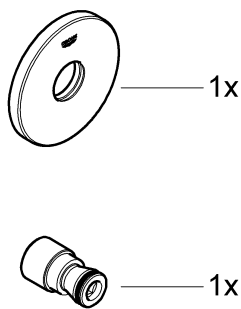
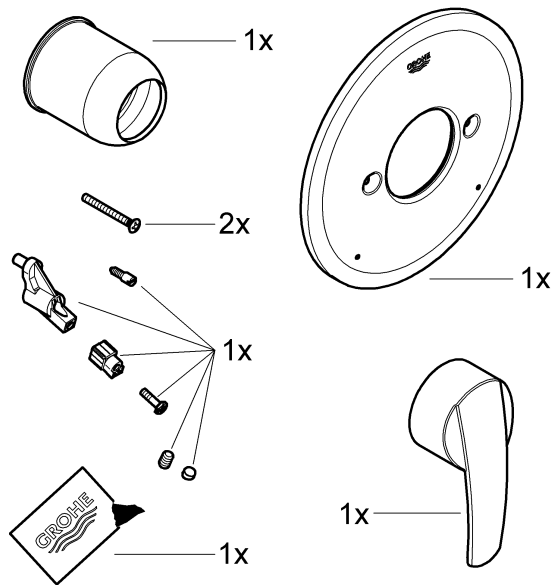
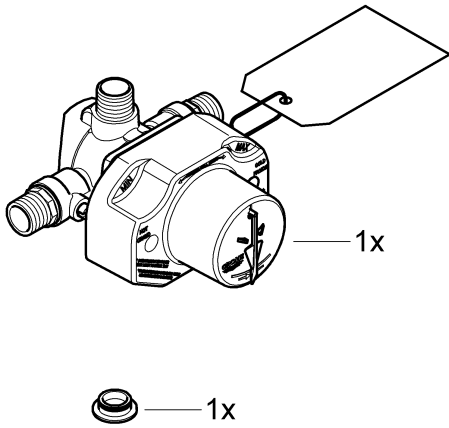
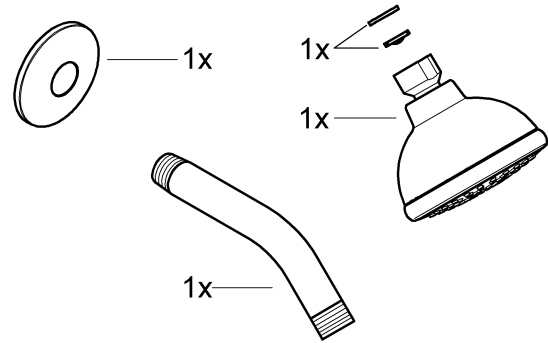
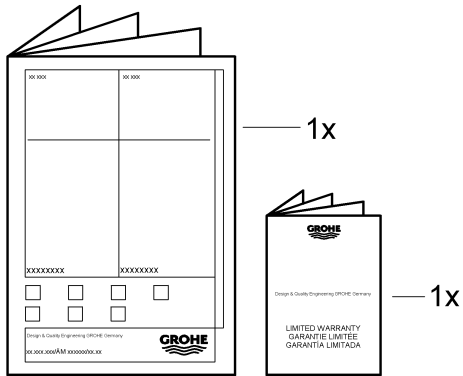
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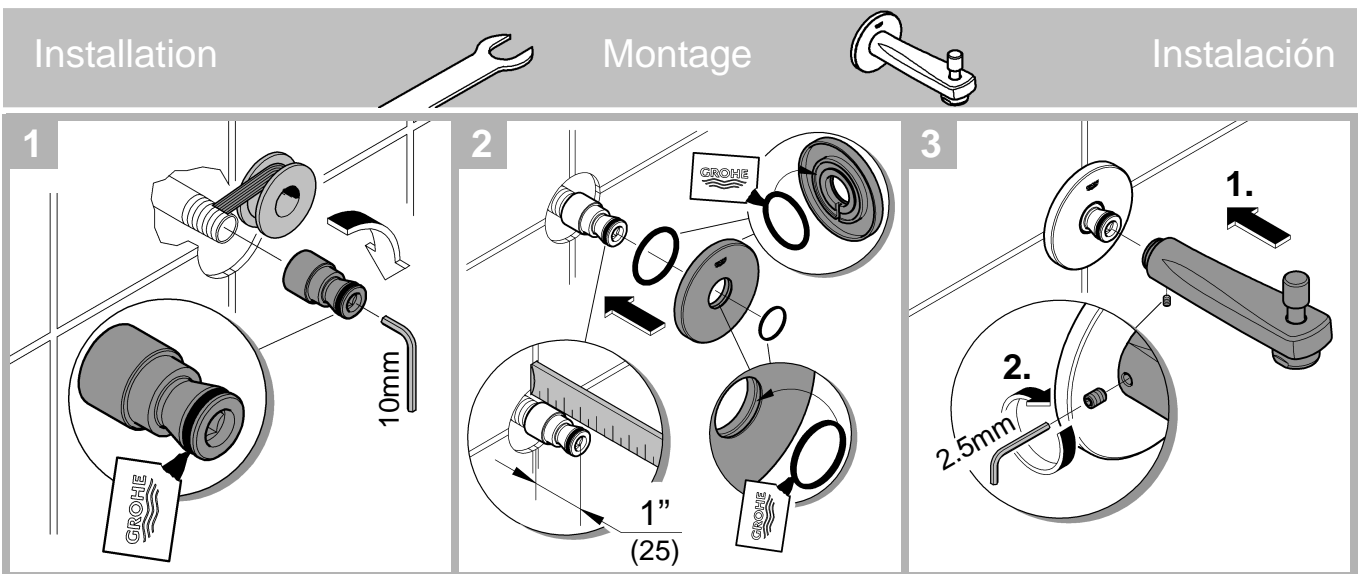
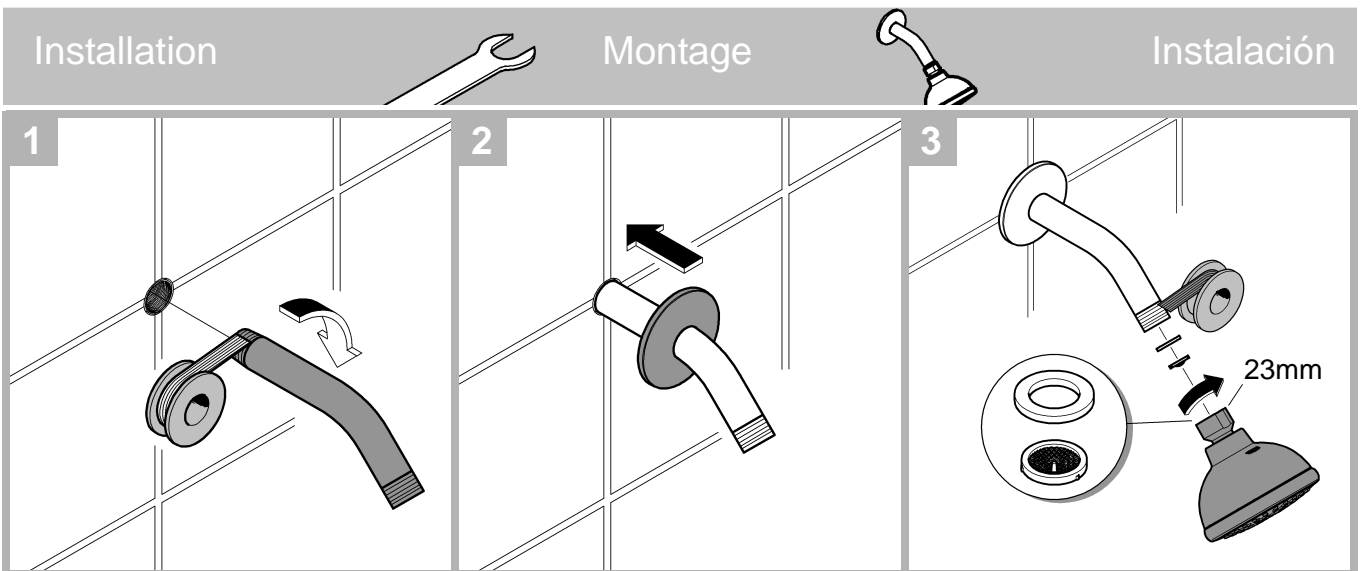
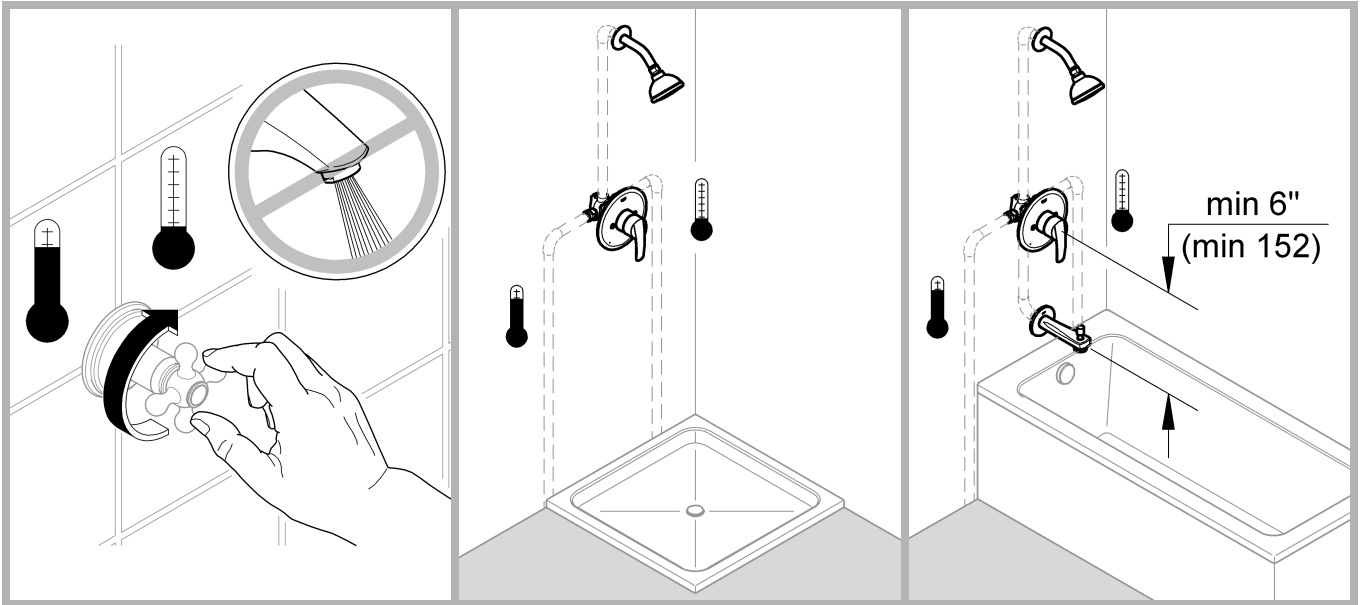
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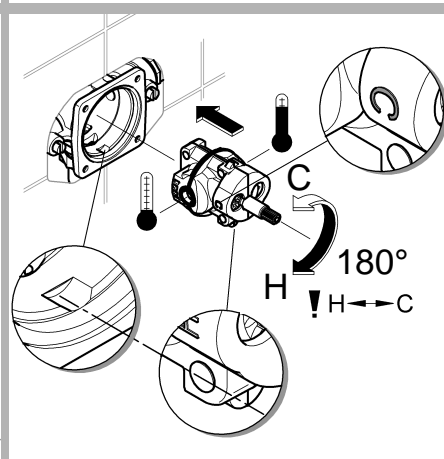
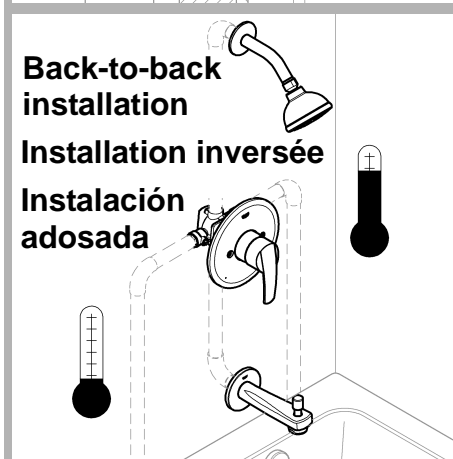
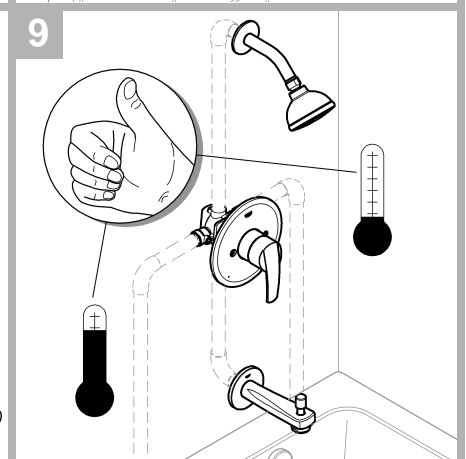
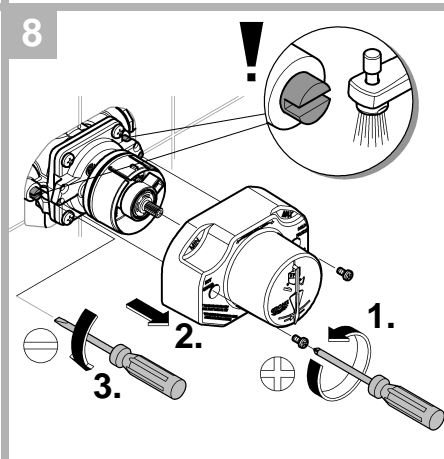
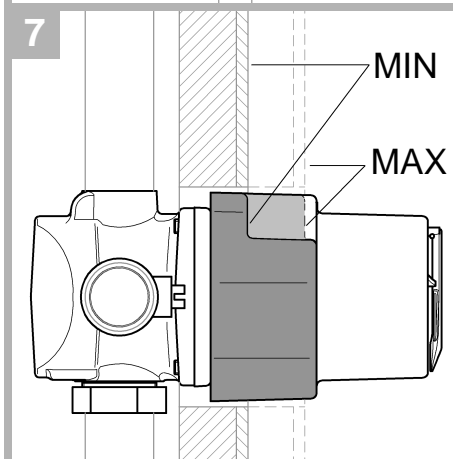
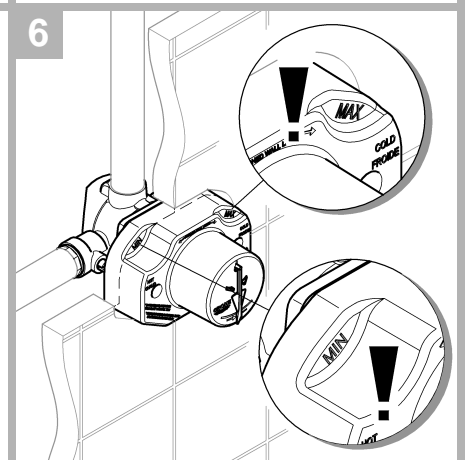
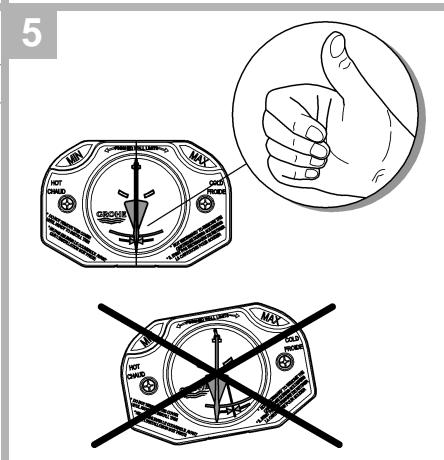
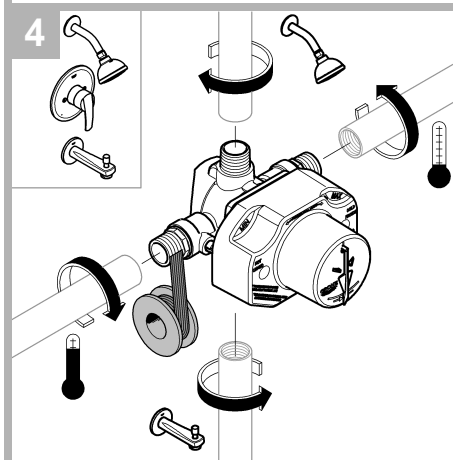
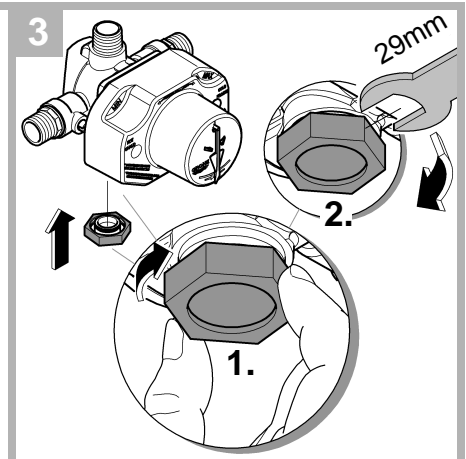
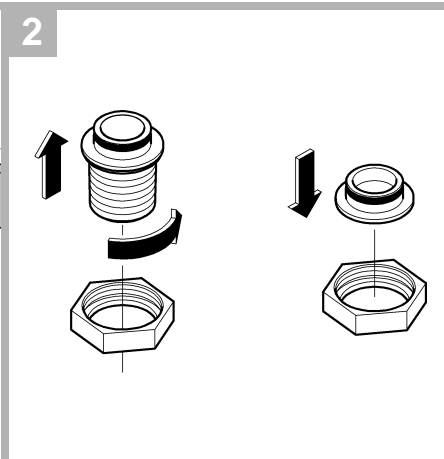
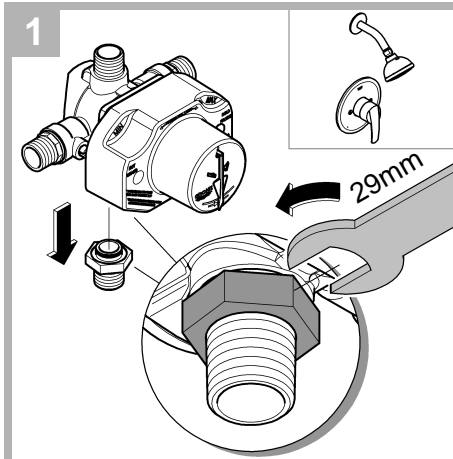


English
 Français
 Español 9



Thread Seal Tape
Ruban pour joint filetés
Cinta de roscas





Further installation see page 7, Fig. 11 - 15

Les autres étapes de montage voir volet 7, fig. 11 - 15

Los pasos adicionales de montaje véase la página 7, fig. 11 - 15

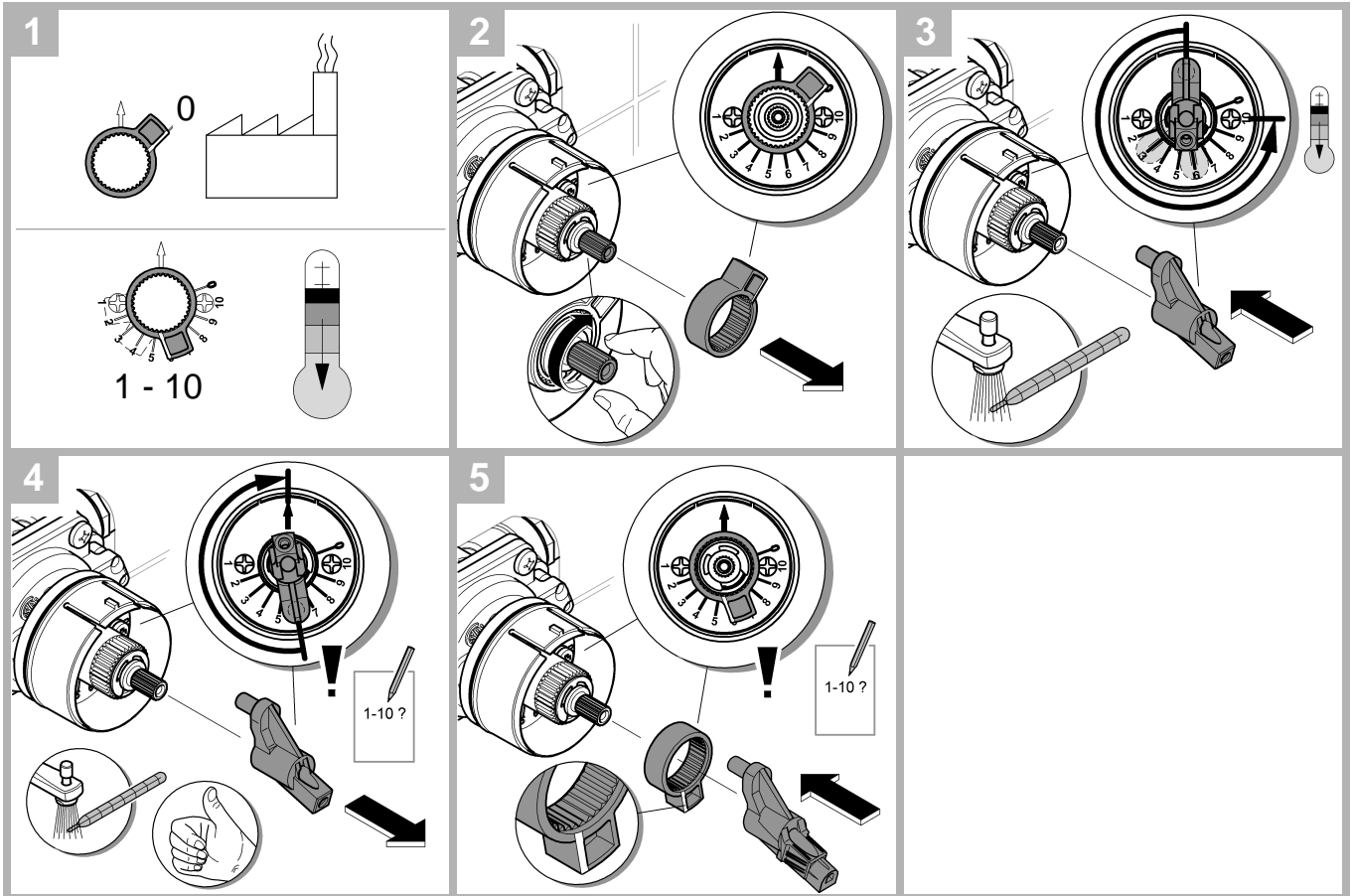
Maximum hot water
limit setting



Réglage de la limite
maximum d'eau chaude



Fijación del límite
máximo de agua caliente



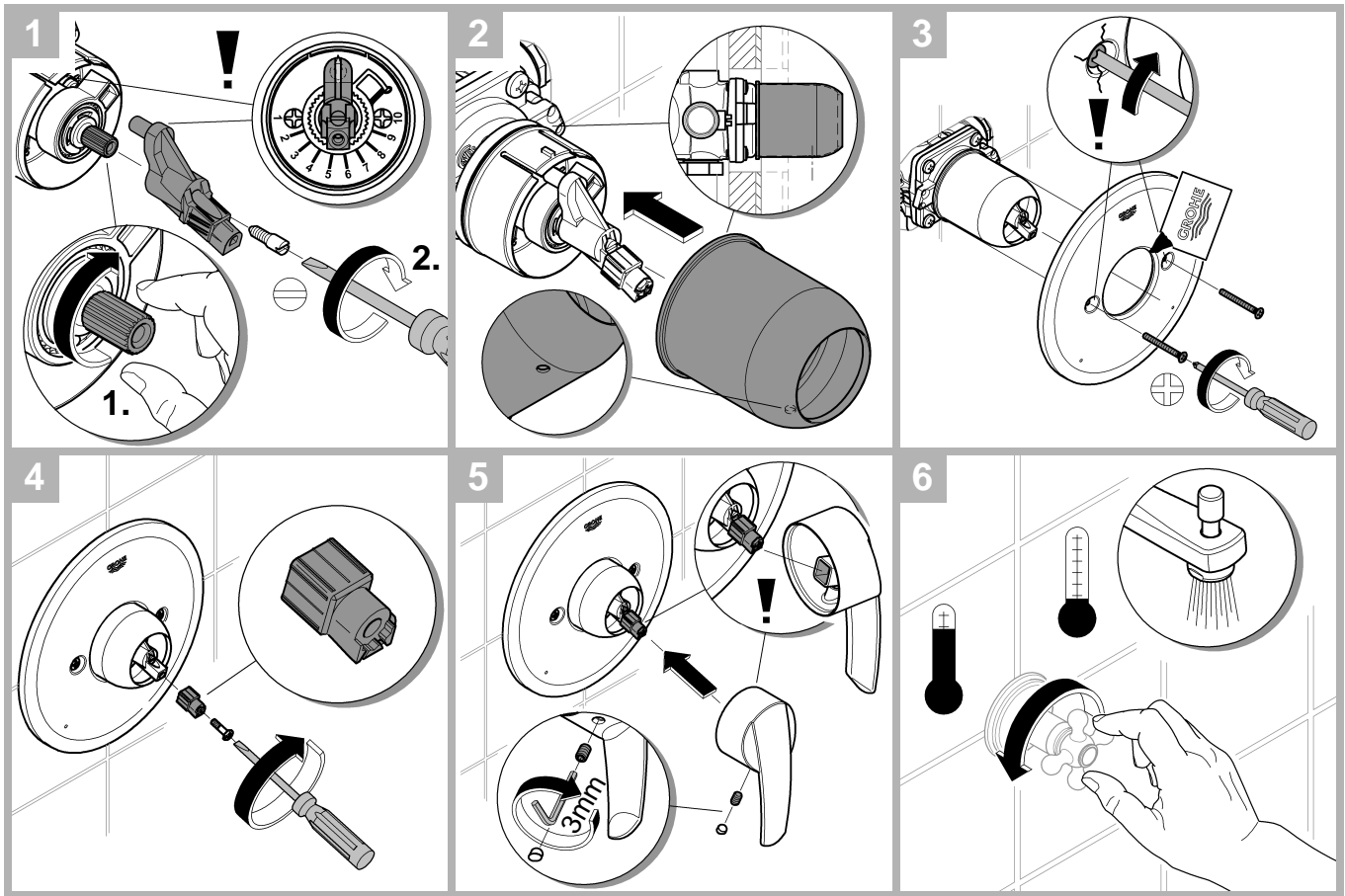
Installation



Montage



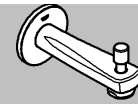
Instalación



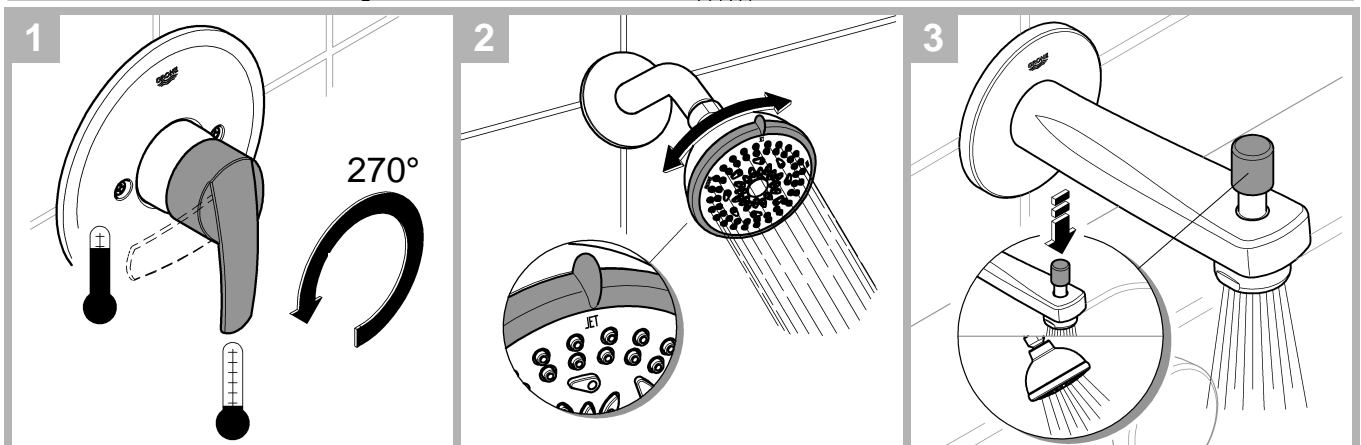
Operating



Utilisation



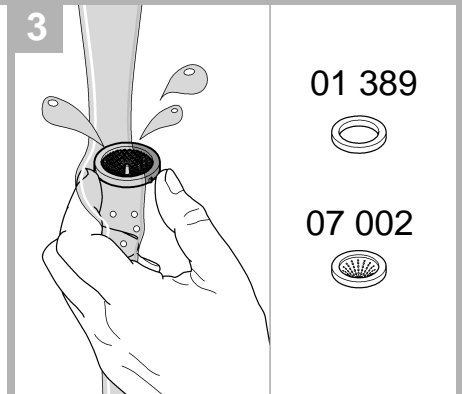
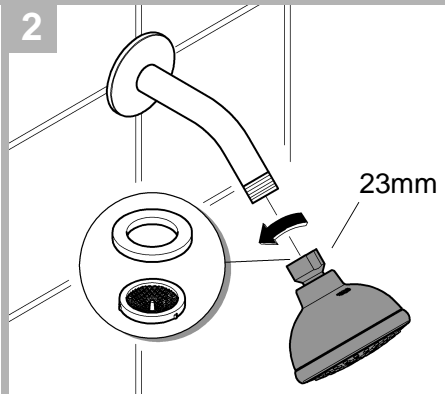
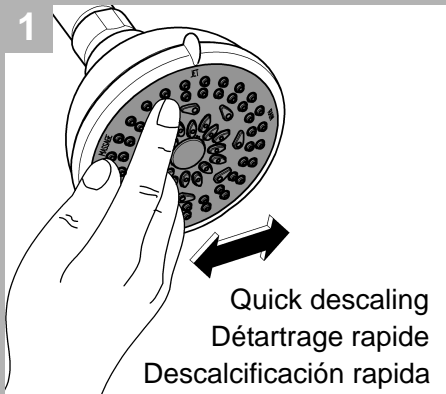
Manejo



Maintenance shower

Maintenance douche

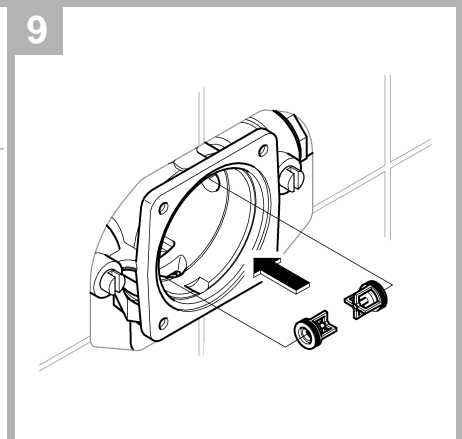
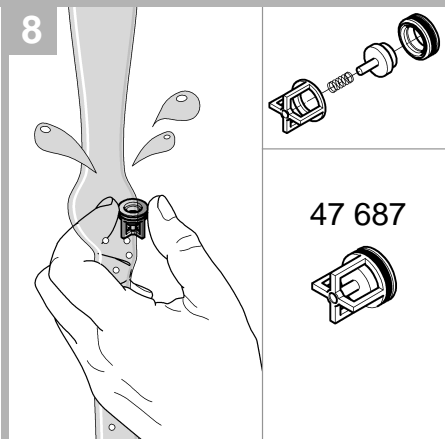
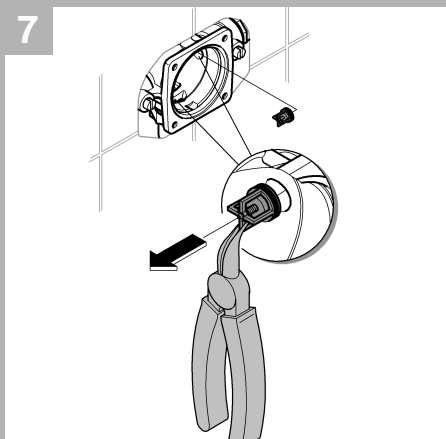
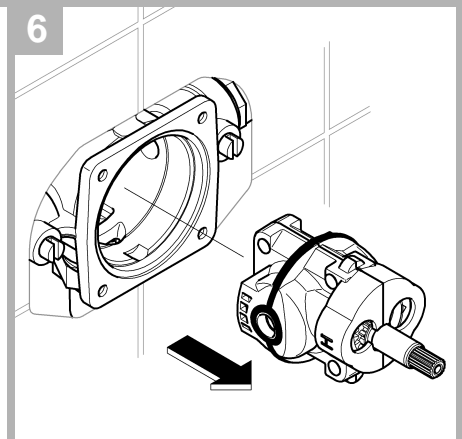
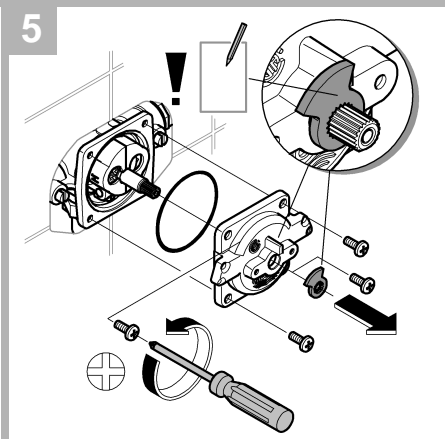
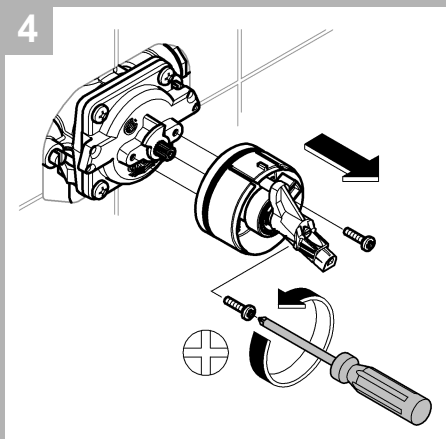
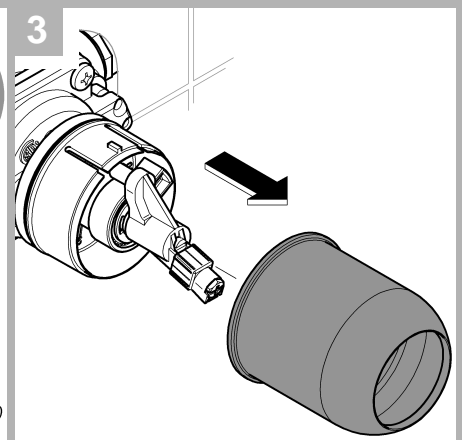
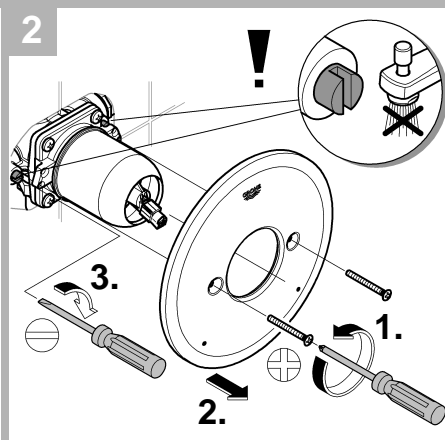
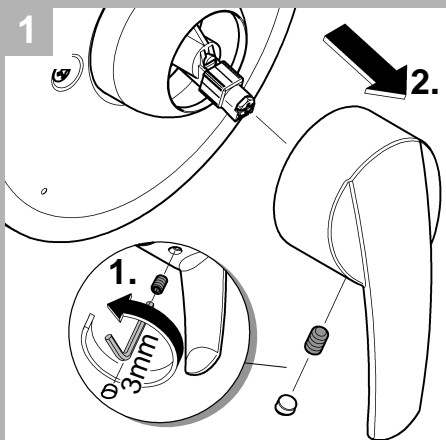
Mantenimiento ducha

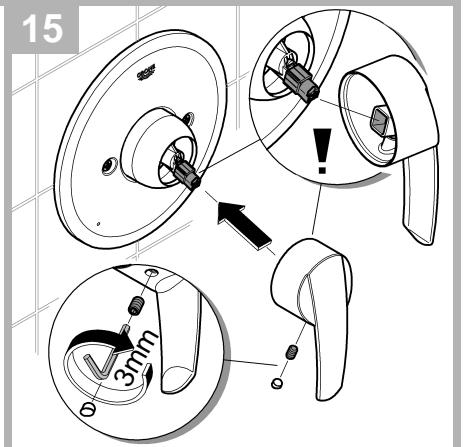
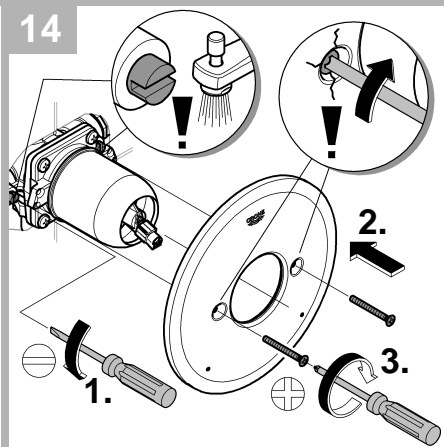
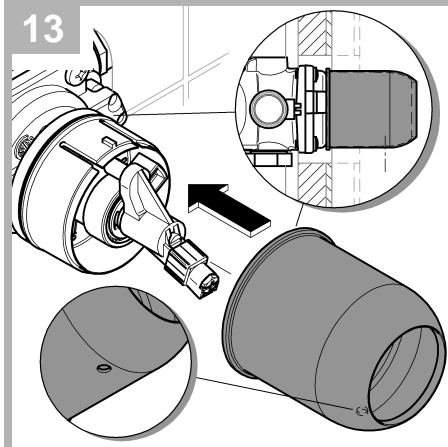
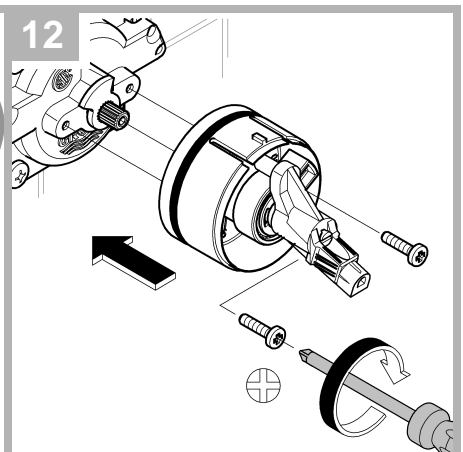
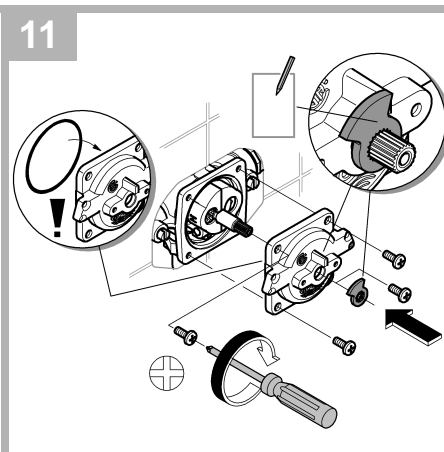
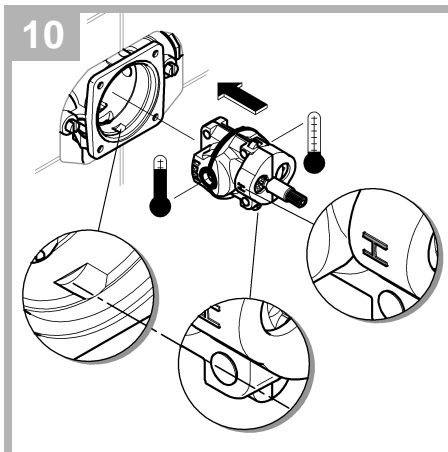


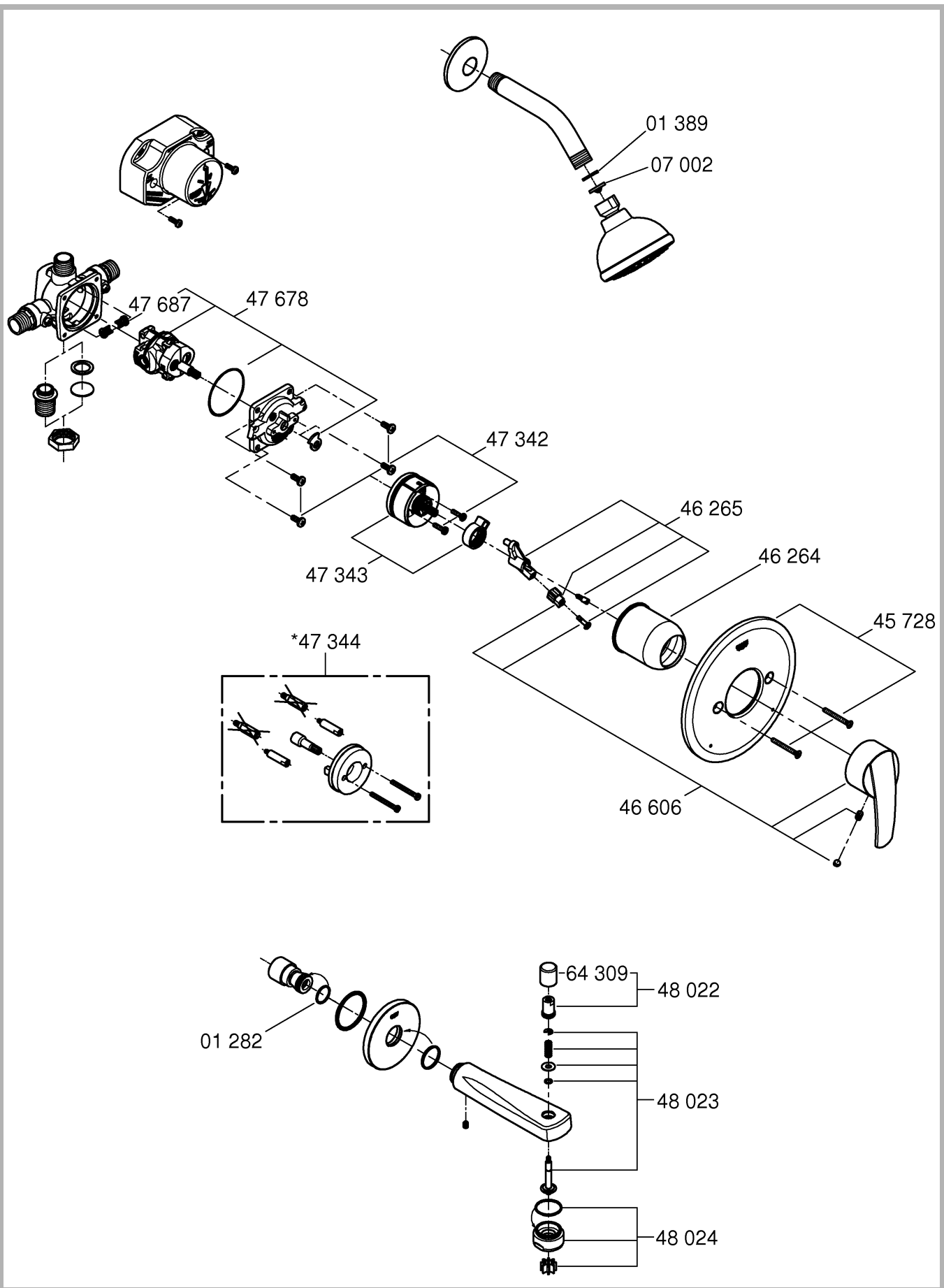
Maintenance cartridge

Maintenance cartouche

Mantenimiento cartucho







English

Application

Pressure Balancing Valves are designed for use with hot water supplied from pressurized storage heaters and offer the highest temperature accuracy when used in this way.

Pressure Balancing Valves **cannot** be used in conjunction with low-pressure storage heaters (displacement water heaters).

Specifications

- Flow pressure:
 - min 20 psi
 - recommended 20 – 72.5 psi
 - greater than 72.5 psi, fit pressure reducing valve
- Max. operating pressure 125 psi
- Max. test pressure 500 psi
- Flow rate at 45 psi flow pressure
 - 19 914 3-port: 21 L/min or 5.5 gpm
 - 19 913 4-port: 24 L/min or 6.4 gpm
- Temperature
 - max. (hot water inlet) 180 °F
 - The handle rotation stop may be used to limit the maximum temperature. The maximum temperature will be reached when the handle is turned 270° in a counter-clockwise direction.
 - Back-to-back installation is possible by reversing the pressure balancing cartridge.
- Water connection: cold - RH
hot - LH

IMPORTANT

Shut off valves must not be installed in the outlet (mixed water line) of this concealed Pressure Balancing Valve. When soldering CxC connections, do not use excessive heat. Do not use 1/2" PEX on the tube outlet in a 4 port configuration. The result will be that water stacks and is coming out of the shower head. 1/2" copper pipes should be used. If necessary 3/4" PEX should be used.

Replacement parts, see page 8 (* = special accessories).

Please contact your installer in the event of faults not described here.

Care

Instructions for care of this faucet will be found in the Limited Warranty supplement.

Français

Domaine d'application

Les robinets de régulation de pression sont conçus pour l'utilisation avec des accumulateurs sous pression et offrent une température très précise.

Les robinets de régulation de pression **ne peuvent pas** être utilisés en combinaison avec des accumulateurs basse pression (chauffe-eau à écoulement libre).

Caractéristiques techniques

- Pression dynamique:
 - min 1 bar
 - recommandée 1 à 5 bars
 - Installer un réducteur de pression lorsque la pression est supérieure à 5 bars
- Pression de service maxi 8 bars
- Pression d'épreuve maxi 35 bars
- Débit à une pression de 3 bars
 - 19 914 3 raccords: 21 L/min ou 5,5 gpm
 - 19 913 4 raccords: 24 L/min ou 6,4 gpm
- Température
 - maxi. (entrée d'eau chaude) 80 °C
 - Il est possible de tourner la poignée pour limiter la température maximale. La température maximale est atteinte lorsque la poignée est tournée de 270° dans le sens inverse des aiguilles d'une montre.
 - L'installation inversée est possible en inversant la cartouche de régulation de pression.
- Raccord d'eau: froide - à droite
chaude - à gauche

IMPORTANT

Ne pas poser de robinets d'arrêt à la sortie (eau mitigée) de ce robinet encastré de régulation de pression. Pour souder les raccords cuivre-cuivre, la chaleur ne doit pas être excessive. Ne pas utiliser de conduites en PEX de 12mm sur la sortie avec une configuration à 4 raccords. Cela peut entraîner une accumulation d'eau et un débordement au niveau de la tête de douche. Utiliser des conduites en cuivre de 12mm. Si nécessaire, utiliser des conduites en PEX de 19mm.

Pièces de rechange, voir volet 8 (* = accessoires spéciaux).

En cas de dysfonctionnements non répertoriés dans cette documentation, demander conseil à votre plombier.

Entretien

Vous trouverez les instructions d'entretien de ce mitigeur dans le supplément Garantie Limitée.

Español

Campo de aplicación

Las válvulas de regulación de presión están diseñadas para ser utilizadas con agua caliente suministrada desde acumuladores de presión y proporcionan la más elevada precisión de temperatura cuando se emplean de esta manera.

Las válvulas de regulación de presión **no pueden** usarse conjuntamente con acumuladores de baja presión (calentadores de agua sin presión).

Características técnicas

- Presión de trabajo:
 - mínima 20 psi
 - recomendada 20 - 72,5 psi
 - superior a 72,5 psi, equipar con válvula reductora de presión
- Presión de utilización máx. 125 psi
- Presión de verificación máx. 500 psi
- Caudal con una presión de trabajo de 45 psi
 - 19 914 3 puertos: 21 L/min o 5,5 gpm
 - 19 913 4 puertos: 24 L/min o 6,4 gpm
- Temperatura
 - máx. (entrada de agua caliente) 180 °F
 - Rotando el mando puede limitarse la temperatura máxima. La temperatura máxima se alcanza cuando el mando se gira 270° en sentido contrario a las agujas del reloj.
 - Es posible la instalación adosada invirtiendo el cartucho de regulación de presión.
- Acometida del agua: fría - derecha
caliente - a la izquierda

IMPORTANTE

No deben instalarse válvulas de cierre en la salida (conducción de agua mezclada) de esta válvula de regulación de presión oculta. Si se sueldan conexiones CxC no utilizar excesivo calor. No utilizar tubos PEX de 1/2" en la salida en una configuración de 4 puertos. El agua se acumulará y saldrá por el cabezal de la ducha. Debe utilizarse tubería de cobre de 1/2". Si fuera necesario, utilizar tubo PEX de 3/4".

Componentes de sustitución, véase la página 8 (* = accesorios especiales).

En caso de surgir otros problemas, consulte a su instalador.

Cuidados periódicos

En el suplemento Garantía a Limitada encontrará las instrucciones relativas al cuidado de esta batería.

Pure Freude an Wasser

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