



Oras Nova

INSTALLATION AND MAINTENANCE GUIDE



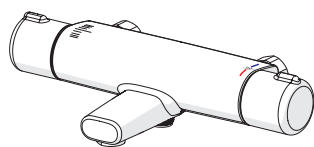
Water Is Worth Loving.

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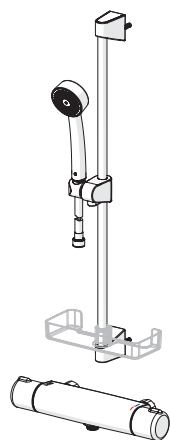
CZ Obsah	FI Sisällysluettelo	NL Inhoud	SE Innehållsförteckning
DE Inhaltsübersicht	FR Sommaire	NO Innhold	SK Obsah
DK Indholdsfortegnelse	IT Indice	PL Spis treści	UA Зміст
EE Sisukord	LT Turinys	RO Cuprins	
ES Contenidos	LV Saturs	RU Содержание	



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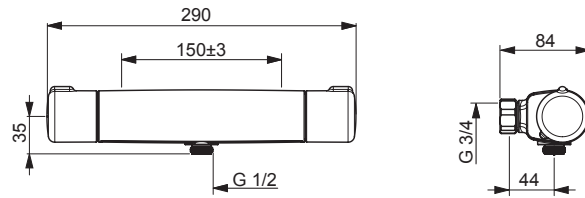


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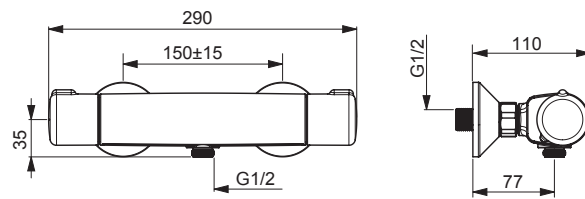
7460

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.27 l/s (300 kPa)
165 kPa (0.2 l/s)
0.19 l/s (Eco-flow at 300 kPa)
max. +80°C



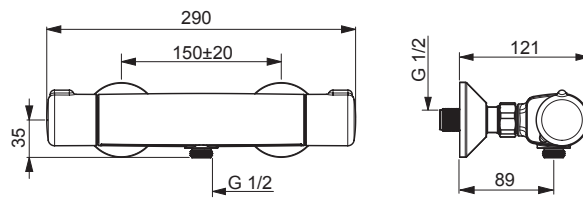
7460U

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.27 l/s (300 kPa)
165 kPa (0.2 l/s)
0.19 l/s (Eco-flow at 300 kPa)
max. +80°C



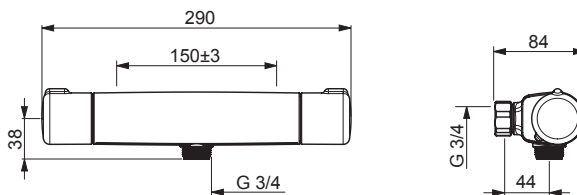
7460X

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.27 l/s (300 kPa)
165 kPa (0.2 l/s)
0.19 l/s (Eco-flow at 300 kPa)
max. +80°C



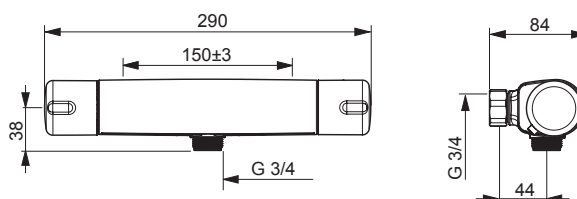
7461

EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.27 l/s (300 kPa)
 165 kPa (0.2 l/s)
 0.19 l/s (Eco-flow at 300 kPa)
 max. +80°C



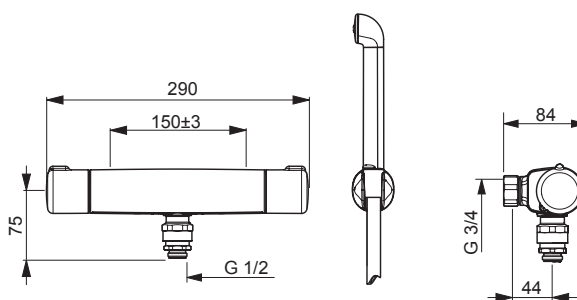
7471

EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.27 l/s (300 kPa)
 165 kPa (0.2 l/s)
 0.19 l/s (Eco-flow at 300 kPa)
 max. +80°C



7484

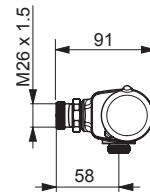
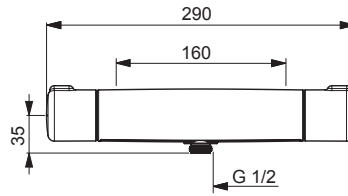
EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.26 l/s (300 kPa)
 180 kPa (0.2 l/s)
 0.18 l/s (Eco-flow at 300 kPa)
 max. +80°C





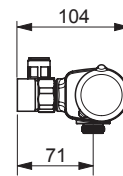
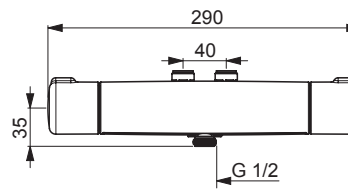
7464

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.27 l/s (300 kPa)
165 kPa (0.2 l/s)
0.19 l/s (Eco-flow at 300 kPa)
max. +80°C



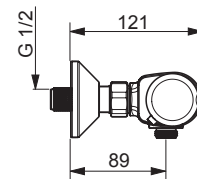
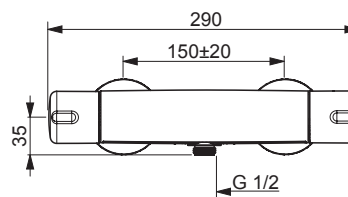
7466

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.26 l/s (300 kPa)
180 kPa (0.2 l/s)
0.18 l/s (Eco-flow at 300 kPa)
max. +80°C



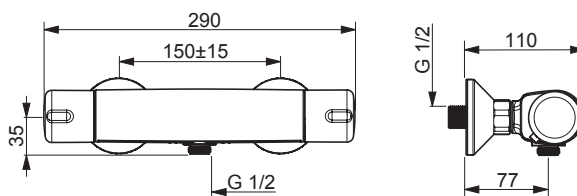
7470X

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.27 l/s (300 kPa)
165 kPa (0.2 l/s)
0.19 l/s (Eco-flow at 300 kPa)
max. +80°C



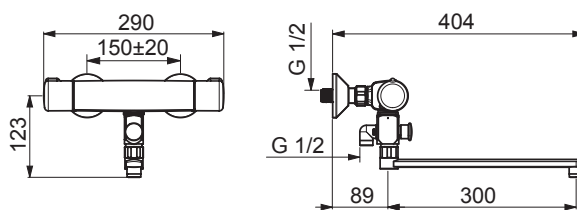
7470U

EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.27 l/s (300 kPa)
 165 kPa (0.2 l/s)
 0.19 l/s (Eco-flow at 300 kPa)
 max. +80°C



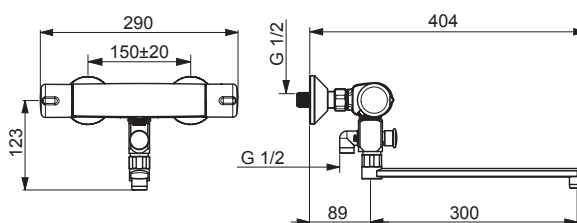
7446X

EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.23 l/s (300 kPa)
 230 kPa (0.2 l/s)
 0.16 l/s (Eco-flow at 300 kPa)
 max. +80°C



7447X

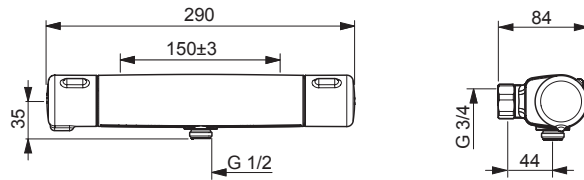
EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.23 l/s (300 kPa)
 230 kPa (0.2 l/s)
 0.16 l/s (Eco-flow at 300 kPa)
 max. +80°C





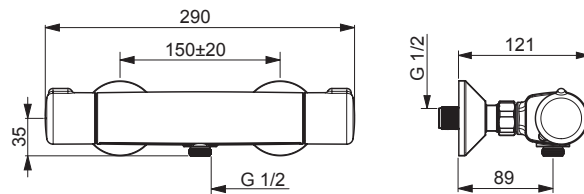
7469

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.27 l/s (300 kPa)
165 kPa (0.2 l/s)
0.19 l/s (Eco-flow at 300 kPa)
max. +80°C



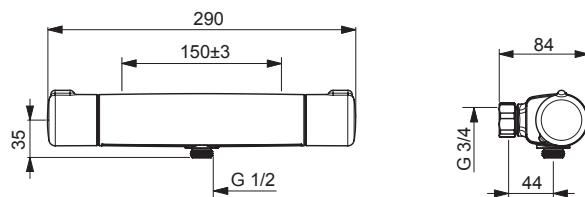
7460X-100

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.27 l/s (300 kPa)
165 kPa (0.2 l/s)
0.19 l/s (Eco-flow at 300 kPa)
max. +80°C



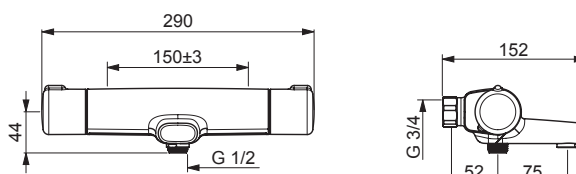
7420

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.12 l/s (300 kPa with flow controller)
150 kPa (0.2 l/s)
max. +80°C



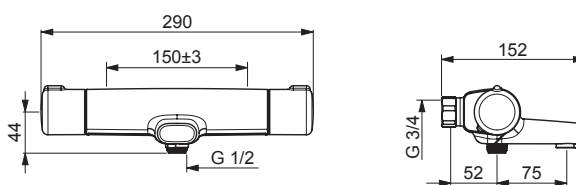
7462

EN 1111
 II (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.33 l/s (300 kPa)
 230 kPa (0.2 l/s)
 0.16 l/s (Eco-flow at 300 kPa)
 max. +80°C



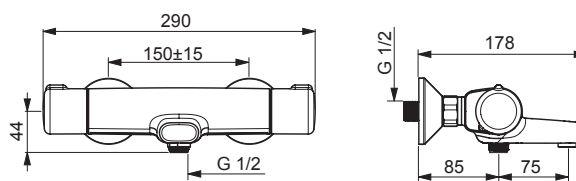
7462G

EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.23 l/s (300 kPa)
 230 kPa (0.2 l/s)
 0.16 l/s (Eco-flow at 300 kPa)
 max. +80°C



7462U

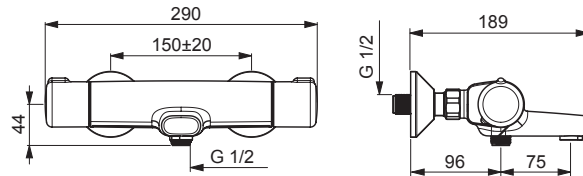
EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.33 l/s (300 kPa)
 300 kPa (0.3 l/s)
 230 kPa (0.2 l/s)
 0.16 l/s (Eco-flow at 300 kPa)
 max. +80°C





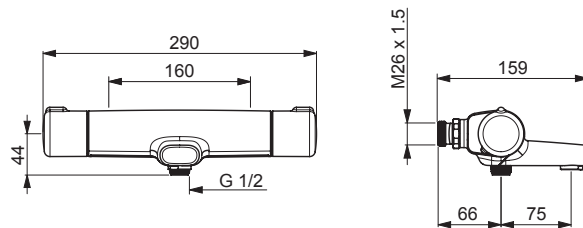
7462X

EN 1111
II (ISO 3822) Oras lab.
100 - 1000 kPa
0.33 l/s (300 kPa)
300 kPa (0.3 l/s)
230 kPa (0.2 l/s)
0.16 l/s (Eco-flow at 300 kPa)
max. +80°C



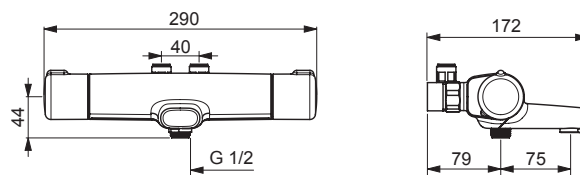
7443

EN 1111
II (ISO 3822) Oras lab.
100 - 1000 kPa
0.33 l/s (300 kPa)
300 kPa (0.3 l/s)
230 kPa (0.2 l/s)
0.16 l/s (Eco-flow at 300 kPa)
max. +80°C



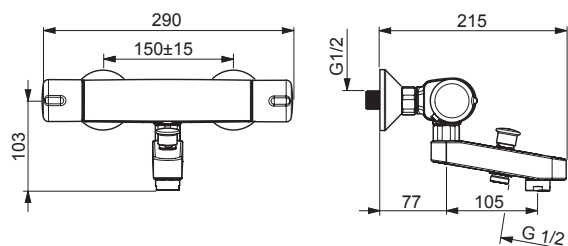
7445

EN 1111
II (ISO 3822) Oras lab.
100 - 1000 kPa
0.3 l/s (300 kPa)
300 kPa (0.3 l/s)
0.15 l/s (Eco-flow at 300 kPa)
max. +80°C



7442U

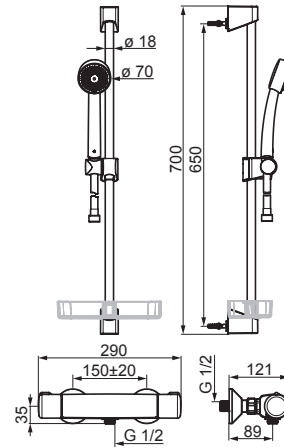
EN 1111
II (ISO 3822) Oras lab.
100 - 1000 kPa
0.3 l/s (300 kPa)
300 kPa (0.3 l/s)
0.15 l/s (Eco-flow at 300 kPa)
max. +80°C





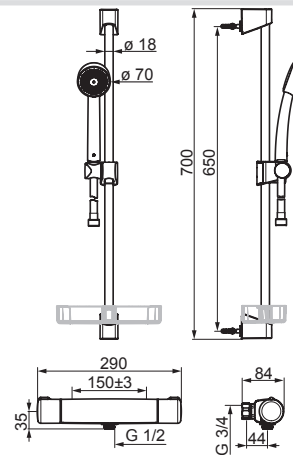
7452X (7460X+530)

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.12 l/s (300 kPa with flow controller)
max. +80°C



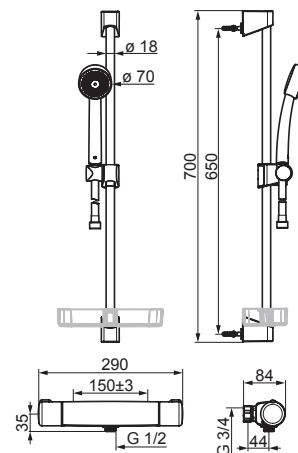
7412 (7460+530)

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.12 l/s (300 kPa with flow controller)
max. +80°C



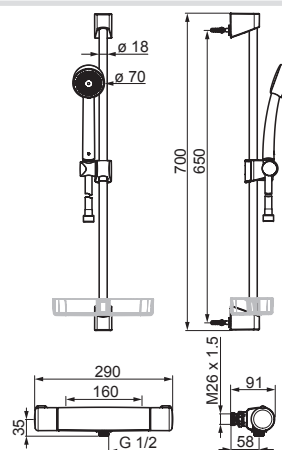
7425 (7460+520)

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.28 l/s (300 kPa)
0.2 l/s (Eco-flow at 300 kPa)
155 kPa (0.2 l/s)
max. +80°C



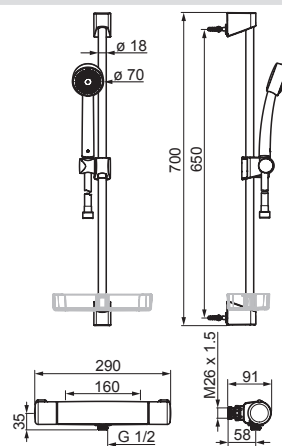
7422 (7464+530)

EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.12 l/s (300 kPa with flow controller)
 max. +80°C



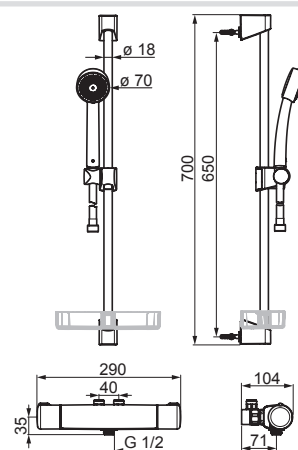
7427 (7464+520)

EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.28 l/s (300 kPa)
 0.2 l/s (Eco-flow at 300 kPa)
 155 kPa (0.2 l/s)
 max. +80°C



7432 (7466+530)

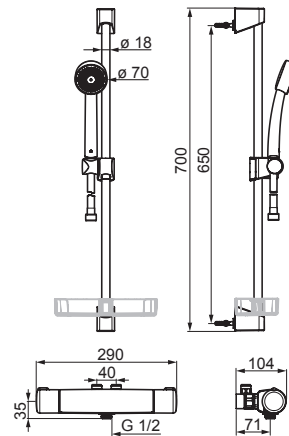
EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.12 l/s (300 kPa with flow controller)
 max. +80°C





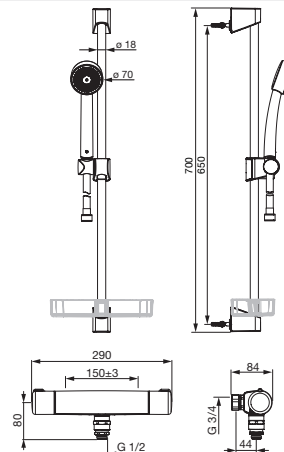
7424 (7466+520)

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.27 l/s (300 kPa)
0.19 l/s (Eco-flow at 300 kPa)
160 kPa (0.1 l/s)
max. +80°C



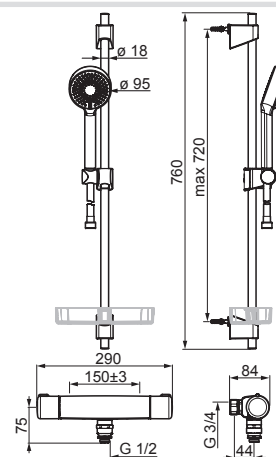
7495 (7461+261033+520)

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.28 l/s (300 kPa)
0.2 l/s (Eco-flow at 300 kPa)
155 kPa (0.2 l/s)
max. +80°C



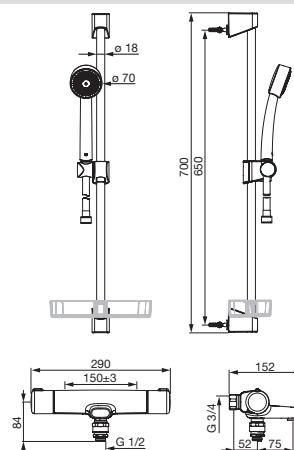
7455 (7461+261033+544)

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.24 l/s (300 kPa)
0.16 l/s (Eco-flow at 300 kPa)
210 kPa (0.2 l/s)
max. +80°C



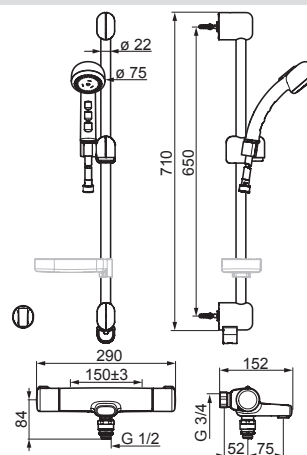
7448 (7462G+261031+520)

EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.24 l/s (300 kPa)
 0.17 l/s (Eco-flow at 300 kPa)
 220 kPa (0.2 l/s)
 max. +80°C



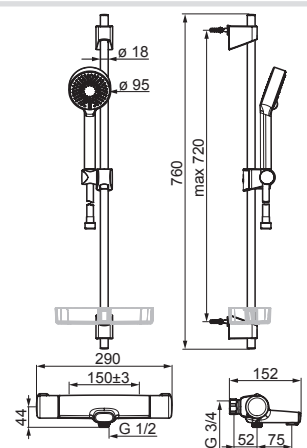
7449 (7462G+350)

EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.24 l/s (300 kPa)
 0.17 l/s (Eco-flow at 300 kPa)
 220 kPa (0.2 l/s)
 max. +80°C



7453 (7462G+544)

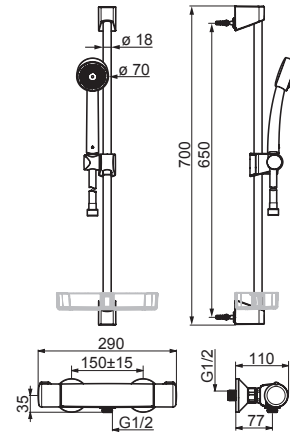
EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.20 l/s (300 kPa)
 0.14 l/s (Eco-flow at 300 kPa)
 300 kPa (0.2 l/s)
 max. +80°C





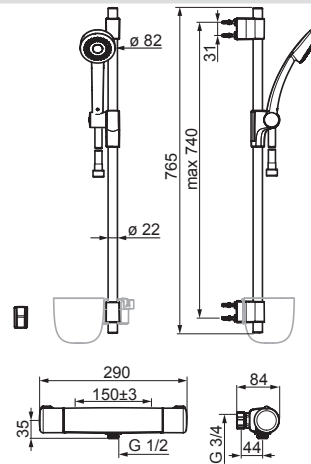
7452U (7460U+530)

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.12 l/s (300 kPa)
max. +80°C



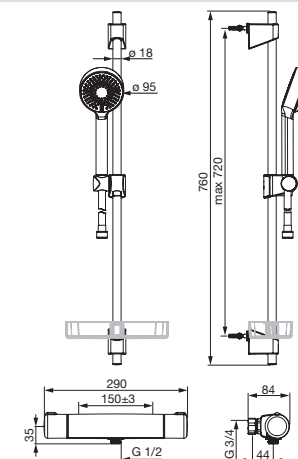
7429 (7460+500)

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.12 l/s (300 kPa with flow controller)
150 kPa (0.2 l/s)
max. +80°C



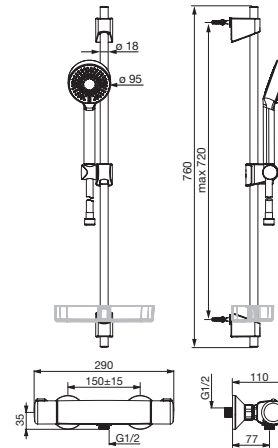
7413 (7460+544)

EN 1111
I (ISO 3822) Oras lab.
100 - 1000 kPa
0.24 l/s (300 kPa)
0.16 l/s (Eco-flow at 300 kPa)
210 kPa (0.2 l/s)
max. +80°C



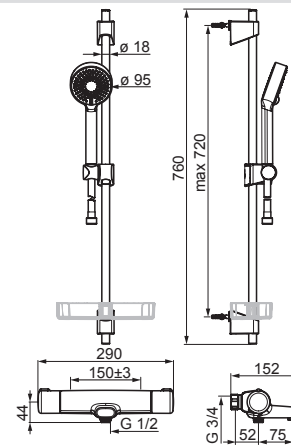
7413U (7460U+544)

EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.24 l/s (300 kPa)
 0.16 l/s (Eco-flow at 300 kPa)
 210 kPa (0.2 l/s)
 max. +80°C



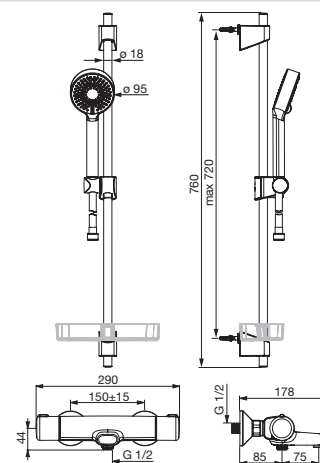
7414 (7462+544)

EN 1111
 II (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.33 l/s (300 kPa)
 0.14 l/s (Eco-flow at 300 kPa)
 300 kPa (0.3 l/s)
 max. +80°C



7414U (7462U+544)

EN 1111
 I (ISO 3822) Oras lab.
 100 - 1000 kPa
 0.33 l/s (300 kPa)
 0.14 l/s (Eco-flow at 300 kPa)
 300 kPa (0.3 l/s)
 max. +80°C





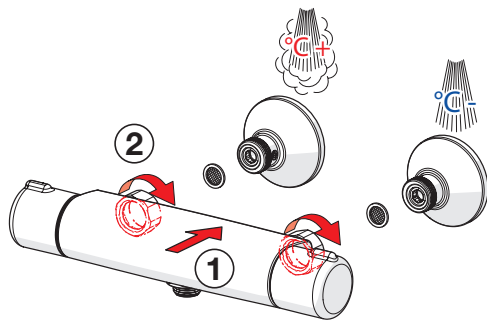
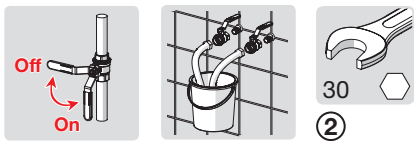
Installation

CZ Montáž
DE Montage
DK Installation
EE Paigaldus
ES Montaje

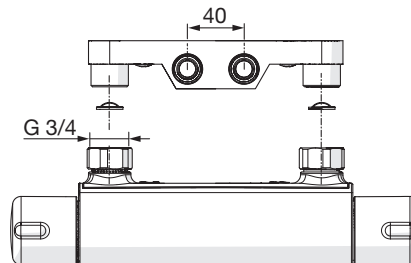
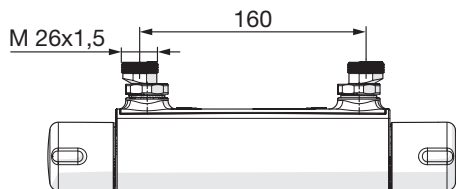
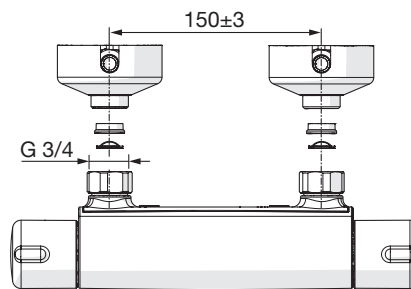
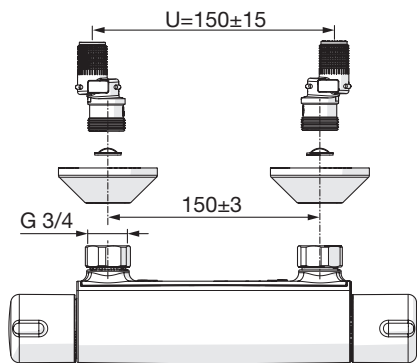
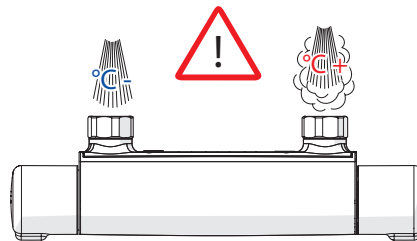
FI Asennus
FR Installation
IT Montaggio
LT Montavimas
LV Montāža

NL Installatie
NO Montering
PL Instalacja
RO Instalare
RU Установка

SE Installation
SK Inštalácia
UA Встановлення



7470U, 7470X, 7471,
7442U, 7447X,



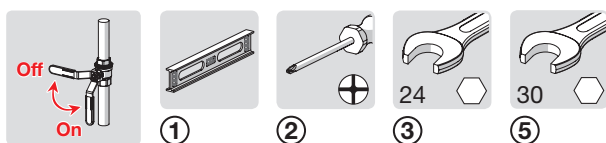
Installation

CZ Montáž
DE Montage
DK Installation
EE Paigaldus
ES Montaje

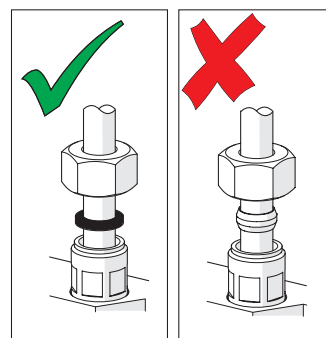
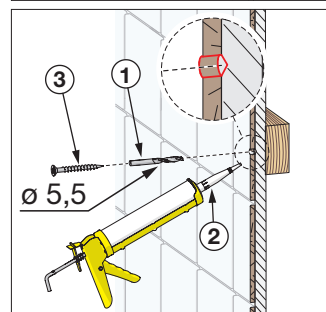
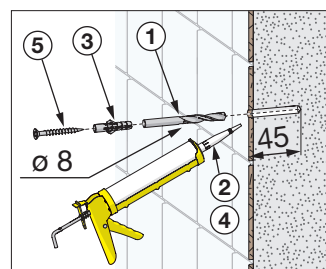
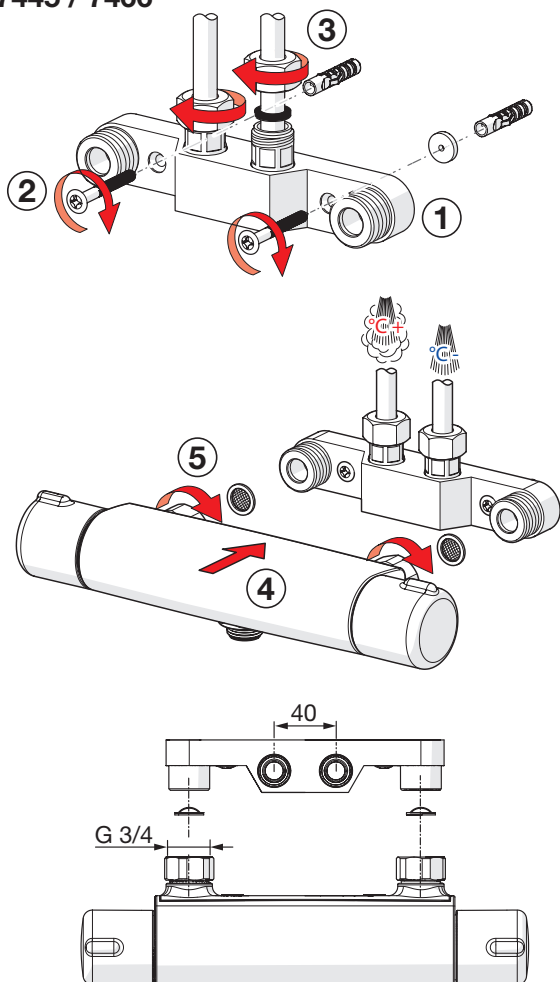
FI Asennus
FR Installation
IT Montaggio
LT Montavimas
LV Montāža

NL Installatie
NO Montering
PL Instalacja
RO Instalare
RU Установка

SE Installation
SK Inštalácia
UA Встановлення



7445 / 7466





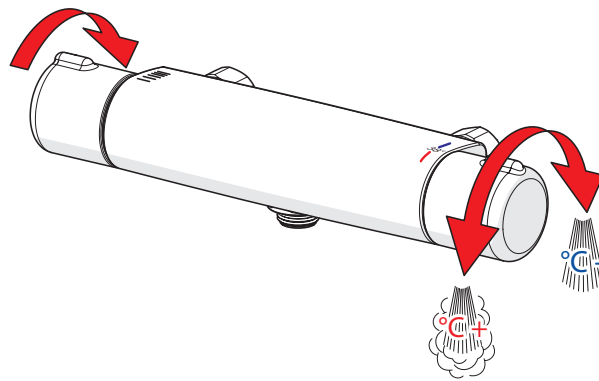
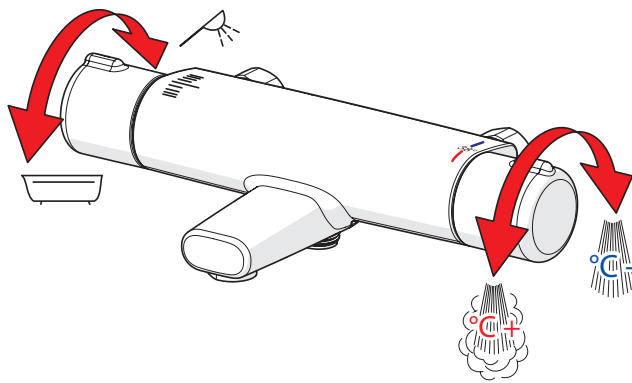
Operation

CZ Funkce
DE Funktion
DK Betjening
EE Toimimine
ES Servicio

FI Toiminta
FR Utilisation
IT Funzionamento
LT Veikimo principas
LV Darbības princips

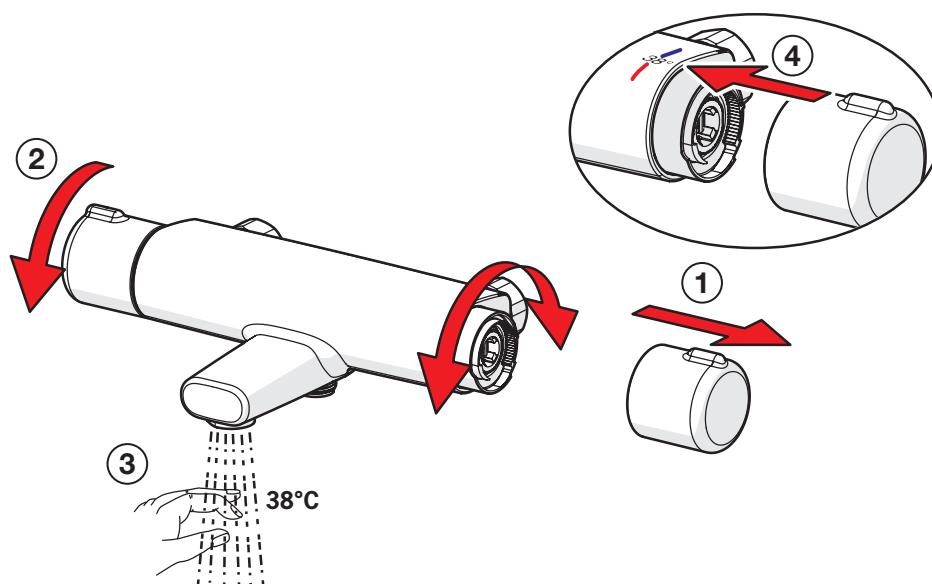
NL Bediening
NO Funksjon
PL Działanie
RO Funcționare
RU Принцип действия

SE Funktion
SK Prevádzka
UA Принцип дії



SERVICE 1: Temperature adjustment

CZ Regulátor teploty	LV Temperatūras iestādīšana
DE Temperatureinstellung	NL Temperatuursinstelling
DK Justering af temperaturen på installationsstedet	NO Justering av temperaturen ved sperreknappens
EE Temperatuuri seadmine vajadusel	PL Regulacja temperatury
ES Ajuste de la temperatura en el lugar de montaje	RO Reglarea temperaturii
FI Lämpötilan säätö tarvittaessa	RU Регулировка температуры
FR Limitation de la température	SE Justering av blandningstemperatur
IT Regolazione della temperatura sul luogo del montaggio	SK Nastavenie teploty
LT Temperatūros reguliavimas	UA Регулювання температури





Cleaning/changing the litter filters

CZ Čištění/Výměna filtrů

DE Reinigung/Wechsel der Filter

DK Rensning/udskiftning af filtre

EE Prügipüüduuri puhastamine/vahetamine

ES Limpieza/cambio de los filtros

FI Roskasiivilöiden puhdistaminen/vaihtaminen

FR Nettoyage/changement des filtres

IT Pulizia/sostituzione dei filtri

LT Filtrų valymas ir pakeitimas

LV Dubļu filtru tīršana/maiņa

NL Reinigen/veranderen van de filters

NO Rensing/bytting av filter

PL Czyszczenie/wymiana filtra

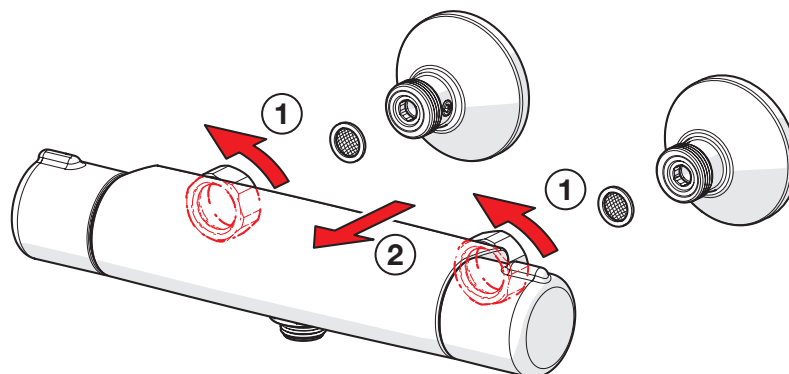
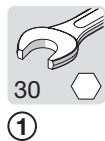
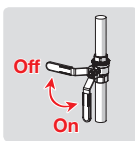
RO Curățirea/înlocuirea filtrelor

RU Очистка и замена уплотнительных фильтро

SE Rengöring/byte av smutsfilter

SK Čistenie/výměna odpadových filtrov

UA Чищення та заміна ущільнюючих фільтрів



To change the cartridge

CZ Výměna kartuše

DE Ein- und Ausbau der Kartusche

DK Udskiftning af reguleringskassette (unit)

EE Seadeosa vahetus

ES Montaje del cartucho

FI Säätöosan vaihto

FR Montage et démontage de la cartouche

IT Montaggio della cartuccia

LT Valdanciosios kasetės pakeitimas

LV Regulēšanas mehānisma kasetes maiņa

NL Vervangen van het keramische binnenwerk

NO Skifting av kassett

PL Wymiana modułu sterującego

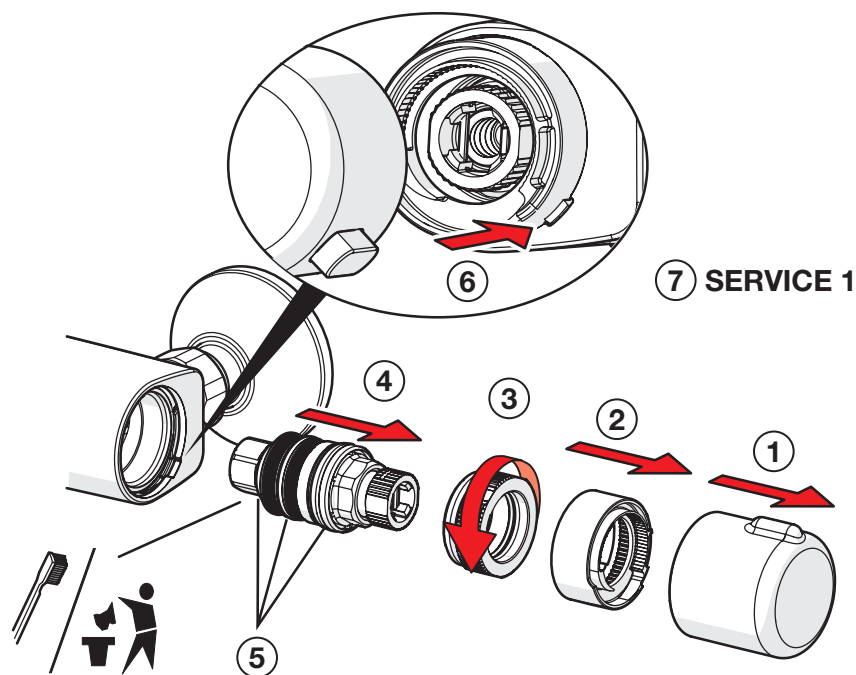
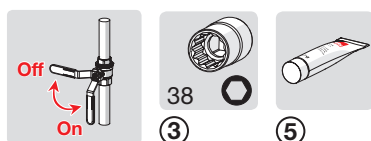
RO Înlocuirea cartușului

RU Замена регулировочного блока

SE Byte av kassett

SK Výměna kartuše

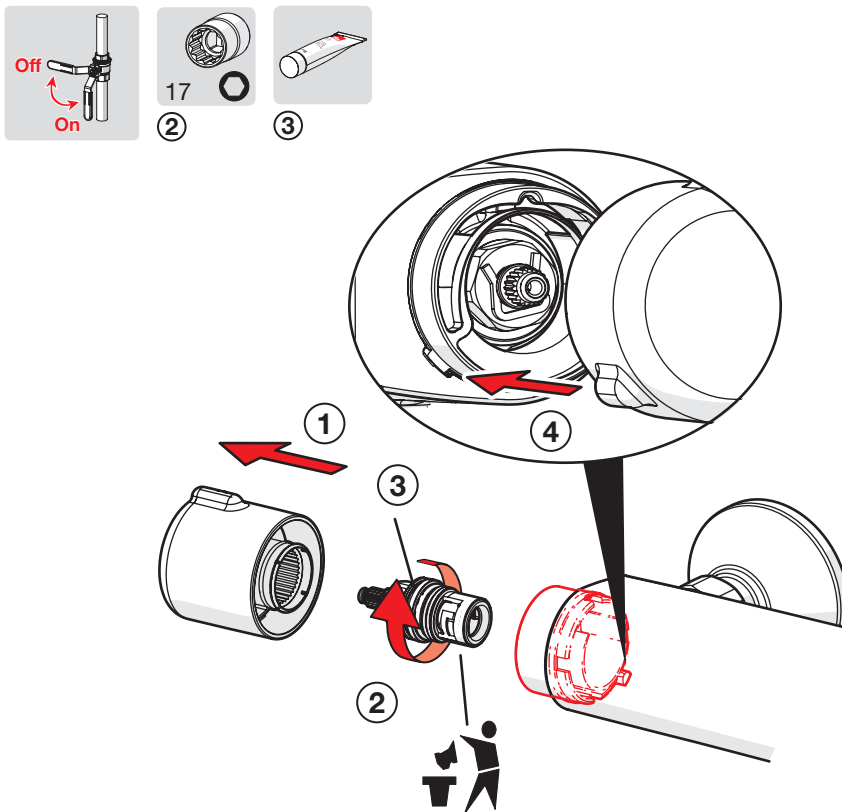
UA Заміна регульовального блоку



Changing the operating valve

CZ Výměna pracovního ventilu
DE Auswechseln der keramischen Oberteile
DK Udsiftning af topstykker
EE Seadeventiili vahetus
ES Recambio del cartucho del monoblock
FI Käyttöventtiilin vaihto
FR Changement de la tête ceramique eau chaude ou eau froide du grand bec
IT Sostituzione dei vitoni in ceramica
LT Vandens srauto reguliavimo ventilio pakeitimas

LV Ūdens plūsmas ventīļa maiņa
NL Vervangen van de werkingsklep
NO Bytting av overdel
PL Wymiana zaworu regulacyjnego
RO Înlocuirea ventilului de operare
RU Замена узла управления потоком воды
SE Byte av kranöverdel
SK Výměna prevádzkového ventilu
UA Заміна вузла управління потоком води



Changing the diverter

CZ Výměna přepínače

DE Wartung des Umstellers

DK Udskiftning af omskifter

EE Suundvahetaja vahetamine

ES Cambiar la inversor

FI Vaihtimen vaihto

FR Changement de l'inverseur

IT Sostituzione della deviatore

LT Perjungiklio pakeitimas

LV Trīseju vārsts maiņa

NL Omsteller vervangen

NO Bytting av omkaster

PL Wymiana przełącznika

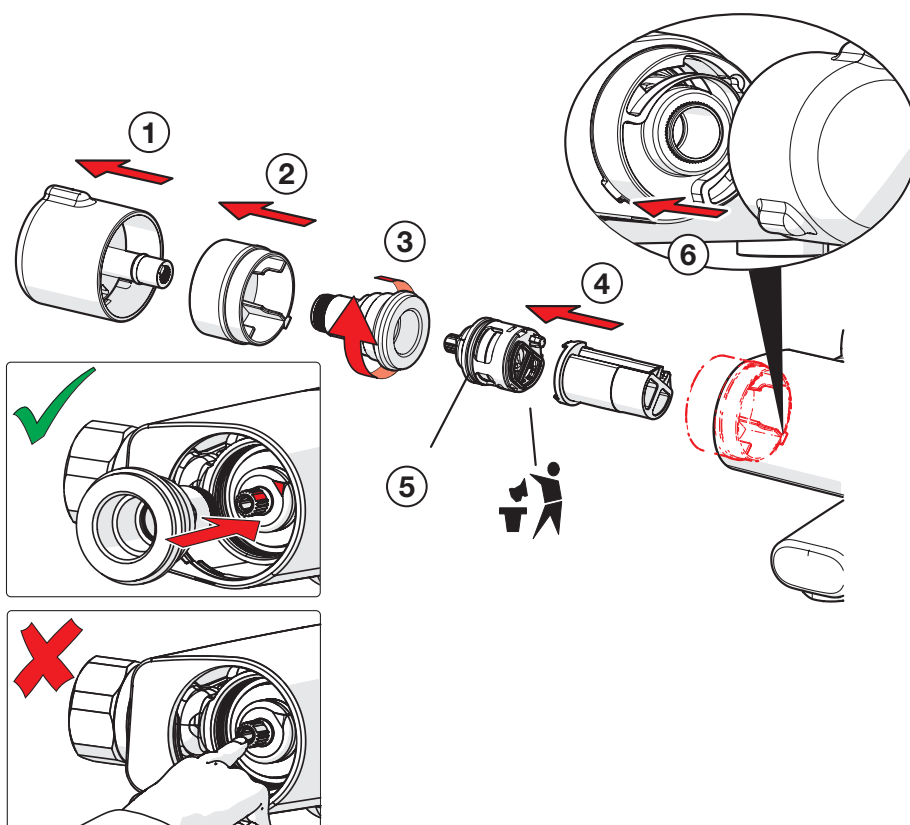
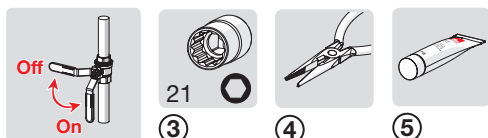
RO Înlocuirea divertorului

RU Замена переключателя

SE Byte av omkastare

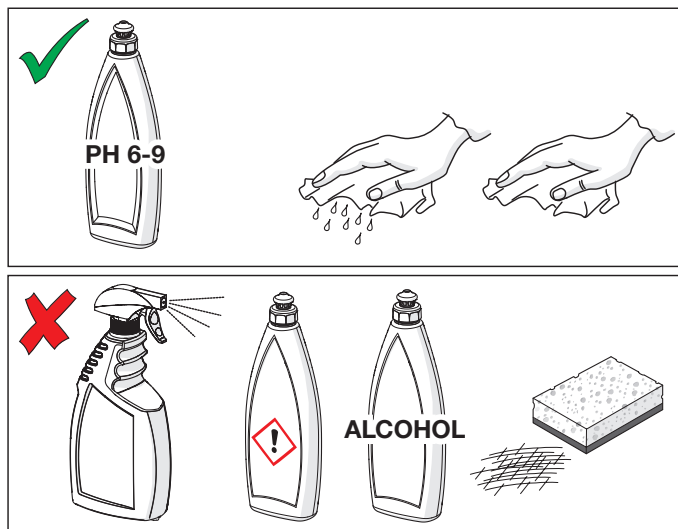
SK Výměna prepínača

UA Заміна перемикача



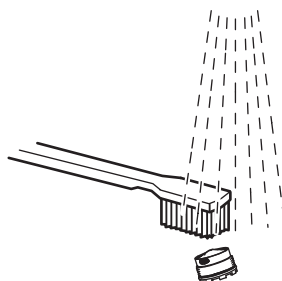
Cleaning the faucet

CZ Čištění baterie	FR Nettoyage du robinet	PL Czyszczenie baterii
DE Reinigung der Armatur	IT Pulizia della rubinetteria	RO Curățire
DK Rengøring af armaturet	LT Maišytuvo valymas	RU Чистка смесителя
EE Puhastamine	LV Krāna tīrīšana	SE Rengöring av blandarna
ES Limpieza de la grifería	NL Reinigen van de kraan	SK Čistenie vodovodnej batérie
FI Puhdistus	NO Rengjøring av kranen	UA Чищення змішувача



Cleaning/changing the aerator

CZ Čištění/Výměna perlátoru	IT Pulizia/Sostituzione dell'aeratore
DE Reinigung/Wechseln des Luftsprudlers	NL Reinigen/veranderen van de perlator
DK Rensning/Udskiftning af perlator	NO Rensing/Bytting av strålesamler
ES Limpieza/Cambiar el aireador	PL Czyszczenie/Wymiana perlatora
FI Poresuuttimen puhdistaminen/vaihtaminen	PT Limpar/substituir o arejador
FR Nettoyage/Changement de l'aérateur	RU Очистка и замена аэратора
GR Καθαρισμός/αλλαγή αεριστήρα	SE Rengöring/Byte av strålsamlare
HU Az aerátor tisztítása/cseréje	SK Čistenie/Výmena perlátora

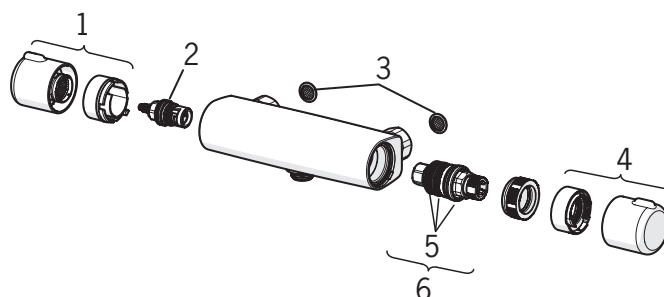


Spare parts

CZ Náhradní díly	FI Varaosat	NL Reserveonderdelen	RU Запасные части
DE Ersatzteile	FR Pièces détachées	NO Reservedeler	SE Reservdelar
DK Reservedele	IT Pezzi di ricambio	PL Części zamienne	SK Náhradné diely
EE Varuosad	LT Atsarginės dalys	RO Piese de schimb	UA Запасні частини
ES Piezas de recambio	LV Rezerves daļas		

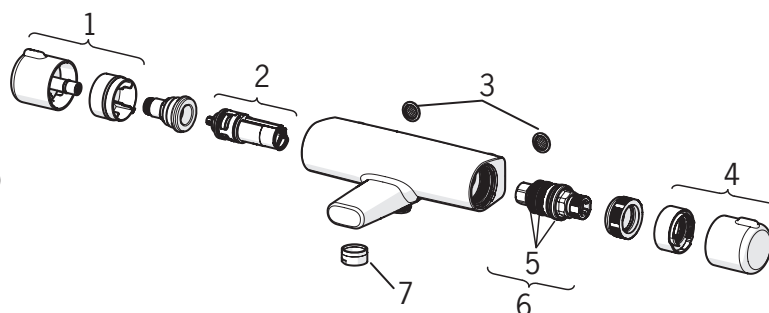
7452U, 7460, 7460X-100, 7460U, 7460X, 7461, 7484, 7464, 7466, 7446X, 7420, 7429, 7413, 7413U

- 1 602430V
- 2 109898
- 3 178375V
- 3 198094/2 (SE)
- 4 602431V
- 5 178796V
- 6 178780V



7462, 7462G, 7462U, 7462X, 7445, 7443, 7414, 7414U, 7453

- 1 602452V
- 2 601278V
- 3 178375V
- 3 198094/2 (SE)
- 4 602431V
- 5 178796V
- 6 178780V
- 7 158556
- 7 600654V (7462G)



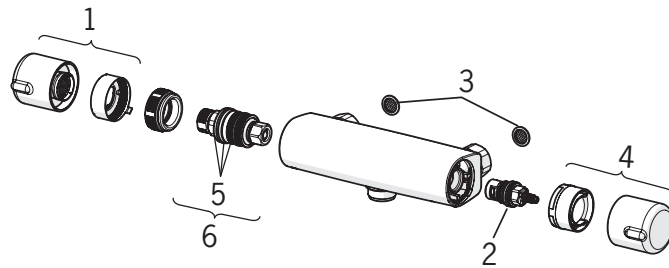


Spare parts

CZ Náhradní díly	FI Varaosat	NL Reserve- onderdelen	RU Запасные части
DE Ersatzteile	FR Pièces détachées	NO Reservedeler	SE Reservdelar
DK Reservedele	IT Pezzi di ricambio	PL Części zamienne	SK Náhradné diely
EE Varuosad	LT Atsarginės dalys	RO Piese de schimb	UA Запасні частини
ES Piezas de recambio	LV Rezerves daļas		

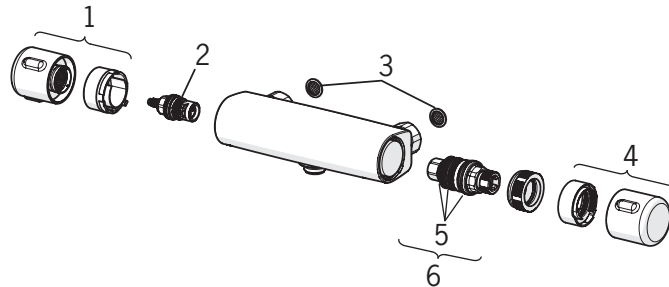
7470U, 7470X, 7471, 7442U, 7447X

- 1 602431V
- 2 109898
- 3 178375V
- 4 602430V
- 5 178796V
- 6 178780V



7469

- 1 602430V
- 2 109898
- 3 178375V
- 4 602602V
- 5 178796V
- 6 178780V





Oras Group is a powerful European provider of sanitary fittings: the market leader in the Nordics and a leading company in Continental Europe. The company's mission is to make the use of water easy and sustainable and its vision is to become the European leader of advanced sanitary fittings. Oras Group has two strong brands, Oras and Hansa.

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