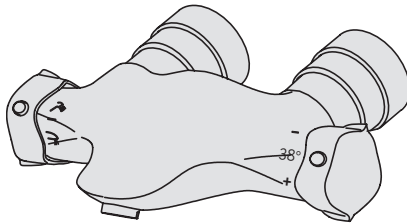




Installation and Maintenance Guide

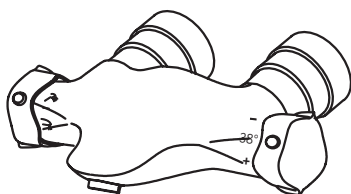
Oras Ventura



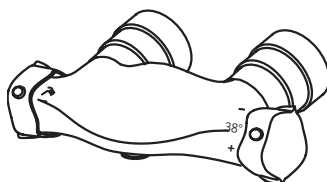
Water Is Worth Loving.

Oras Ventura

8150



8170




8150

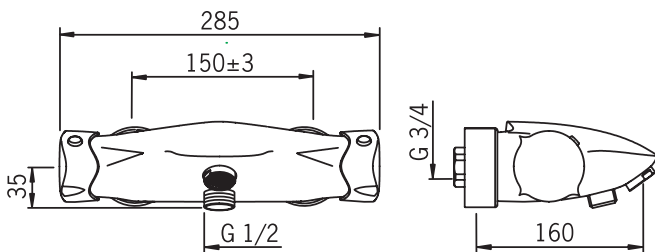
EN 1111

II (ISO 3822)

0.33 l/s (300 kPa), 250 kPa (0.3 l/s) 

0.275 l/s (300 kPa), 160 kPa (0.2 l/s) 

max. +80°C




8150U

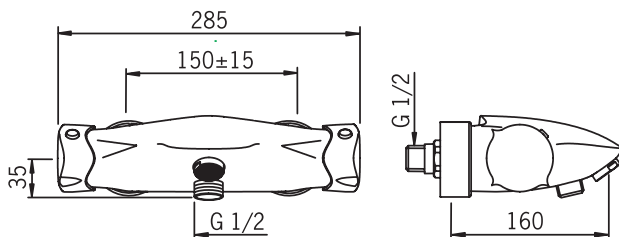
EN 1111

I (ISO 3822)Oras lab.

0.33 l/s (300 kPa), 250 kPa (0.3 l/s) 

0.275 l/s (300 kPa), 160 kPa (0.2 l/s) 

max. +80°C




8150Y

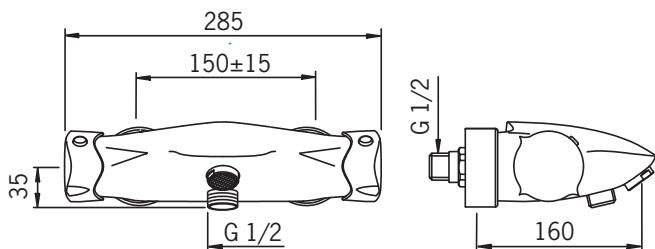
EN 1111

II (ISO 3822)

0.33 l/s (300 kPa), 250 kPa (0.3 l/s) 

0.275 l/s (300 kPa), 160 kPa (0.2 l/s) 


max. +80°C



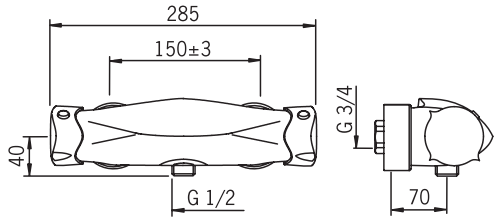
8170

EN 1111

I (ISO 3822)

0.275 l/s (300 kPa), 160 kPa (0.2 l/s) 


max. +80°C



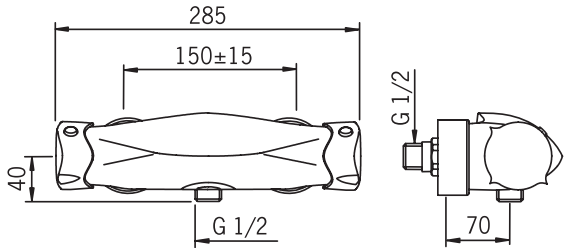
8170Y

EN 1111

I (ISO 3822)

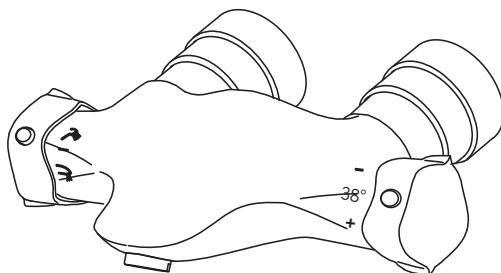
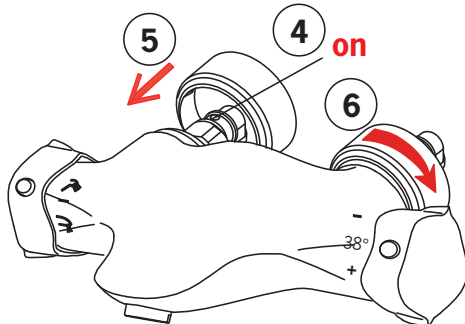
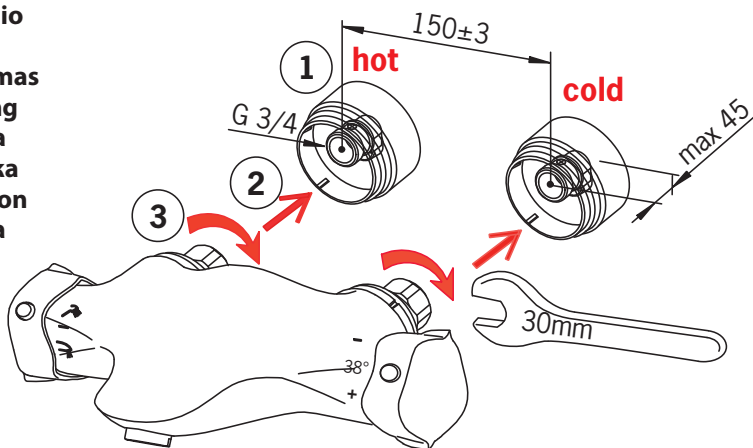
0.275 l/s (300 kPa), 160 kPa (0.2 l/s) 

max. +80°C



- DE Montage
- GB Installation
- DK Installation
- ES Montaje
- EE Paigaldus
- FI Asennus
- NL Installatie
- FR Installation
- IT Montaggio
- LV Montāža
- LT Montavimas
- NO Montering
- PL Instalacja
- RU Установка
- SE Installation
- SK Inštalácia
- CZ Montáž

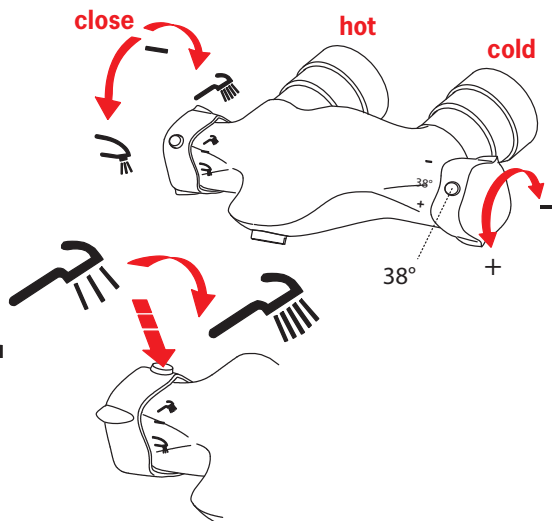
8150, 8170



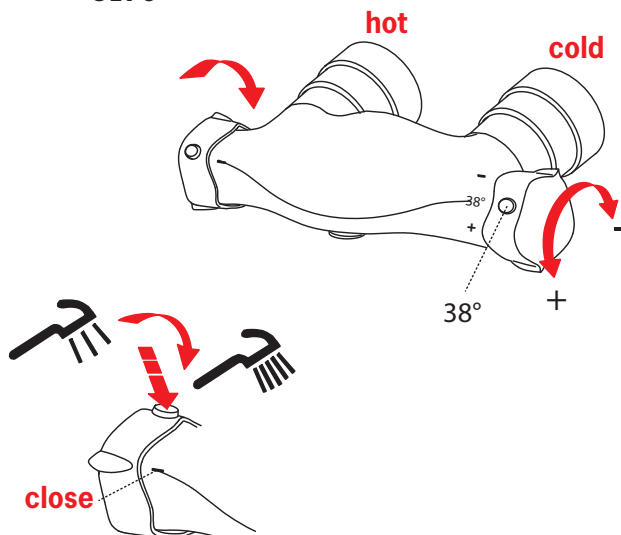
7 SERVICE 3

- ⓁⒹ ⒻⒻ Funktion
- ⓁⒹ ⒼⒹ Operation
- ⓁⒹ Ⓓ⒦ Betjening
- ⓁⒹ Ⓔ⒮ Servicio
- ⓁⒹ ⒺⒺ Toimimine
- ⓁⒹ ⒻⒿ Toiminta
- ⓁⒹ ⒼⒶ Bediening
- ⓁⒹ ⒻⒼ Utilisation
- ⓁⒹ ⒻⒿ Funzionamento
- ⓁⒹ ⒻⒻ Darbības princips
- ⓁⒹ ⒻⒻ Veikimo principas
- ⓁⒹ ⒼⒶ Funksjon
- ⓁⒹ ⒼⒶ Działanie
- ⓁⒹ ⒻⒼ Принцип действия
- ⓁⒹ ⒺⒺ Funktion
- ⓁⒹ ⒻⒼ Prevádzka
- ⓁⒹ ⒻⒼ Funkce

8150



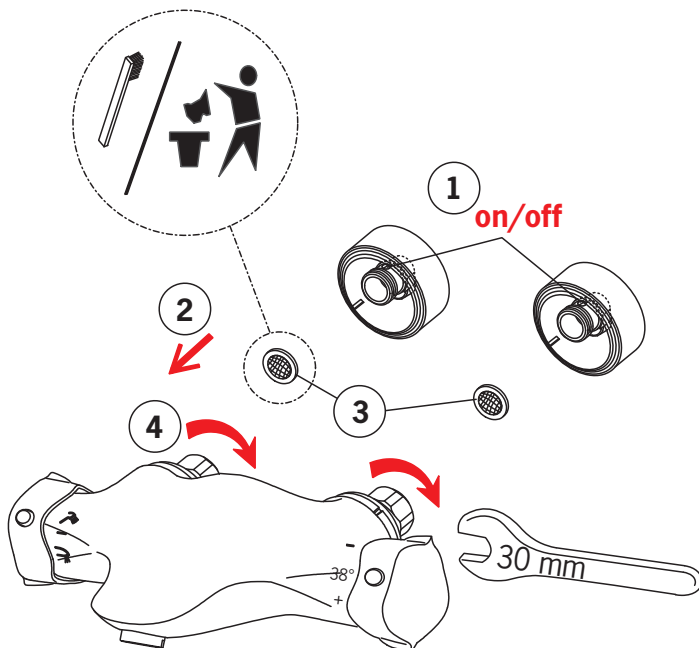
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SERVICE 1

- Ⓧ DE Reinigung/Wechsel der Filter
- Ⓧ GB Cleaning/changing the litter filters
- Ⓧ DK Rensning/udskiftning af filtre
- Ⓧ ES Limpieza/cambio de los filtros
- Ⓧ EE Prügipüüdurid puhastamine/vahetamine
- Ⓧ FI Roskasiivilöiden puhdistaminen/vaihtaminen
- Ⓧ NL Reinigen/veranderen van de filters
- Ⓧ FR Nettoyage/changement des filtres
- Ⓧ IT Pulizia/sostituzione dei filtri
- Ⓧ LV Filtru tīršana/maiņa
- Ⓧ LT Filtrų valymas/keitimas
- Ⓧ NO Rensing/bytting av filter
- Ⓧ PL Czyszczenie/wymiana filtra
- Ⓧ RU Очистка и замена уплотнительных фильтров
- Ⓧ SE Rengöring/byte av smutsfilter
- Ⓧ SK Čistenie/výmena odpadových filtrov
- Ⓧ CZ Údržba/čištění filtrů

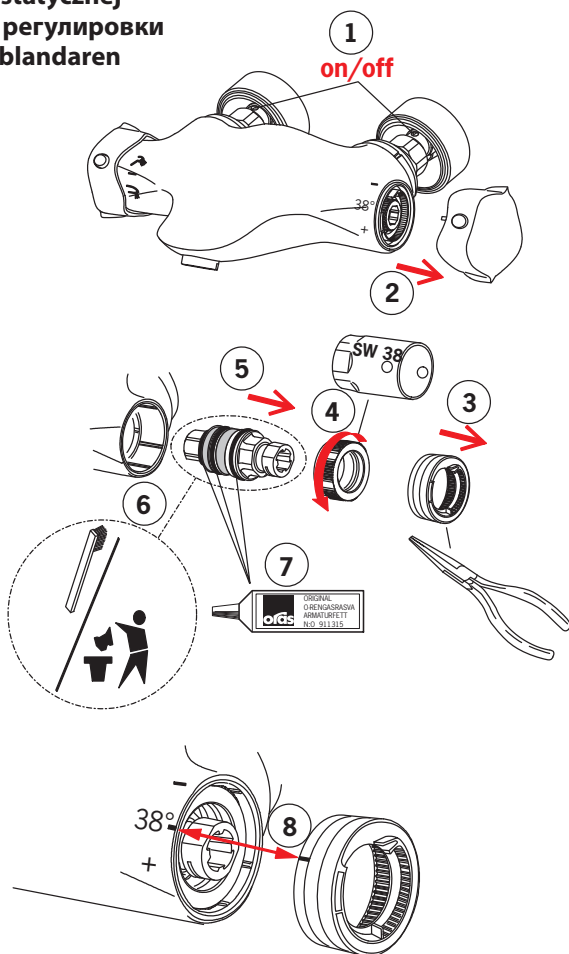
8150, 8170



SERVICE 2

- Ⓛ DE **Wartung der Kartusche**
- Ⓛ GB **Servicing the cartridge**
- Ⓛ DK **Service på termostaldelen**
- Ⓛ ES **Mantenimiento del cartucho**
- Ⓛ EE **Seadeosa hooldus**
- Ⓛ FI **Säätöosan huolto**
- Ⓛ NL **Onderhoud van het membraan**
- Ⓛ FR **Entretien de l'élément thermostatique**
- Ⓛ IT **Manutenzione della cartuccia**
- Ⓛ LV **Temperatūras regulēšanas kasetnes tīrīšana/maiņa**
- Ⓛ LT **Valdančiosios kasetės pakeitimas**
- Ⓛ NO **Service på termostaldelen**
- Ⓛ PL **Wymiana głowicy termostaticznej**
- Ⓛ RU **Техобслуживание узла регулировки**
- Ⓛ SE **Service av reglerinsats i blandaren**
- Ⓛ SK **Servis kartuše**
- Ⓛ CZ **Servis kartuše**

8150, 8170



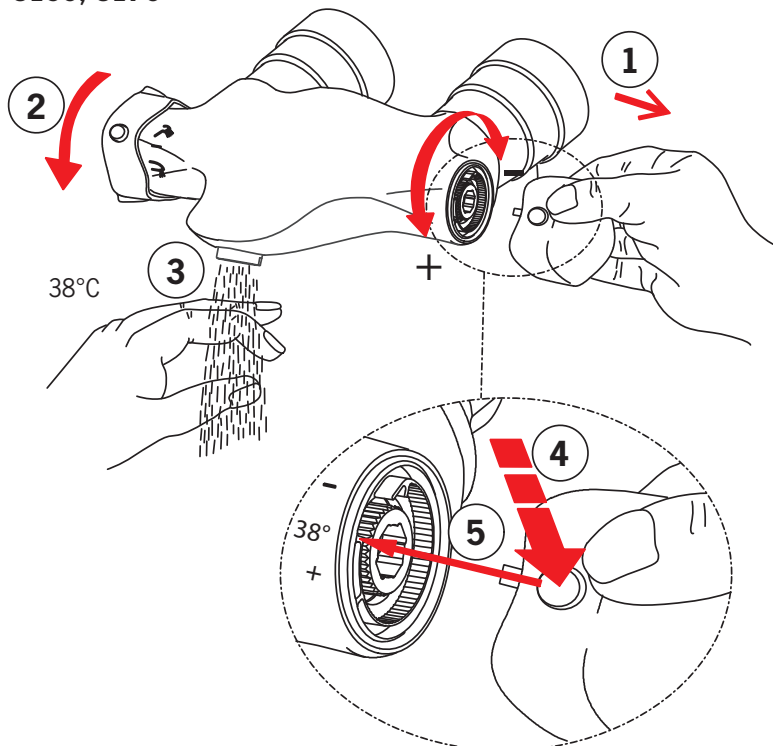
9

SERVICE 3

SERVICE 3

- (DE) Temperatureinstellung am Montageort
- (GB) Temperature adjustment
- (DK) Justering af temperaturen på installationsstedet
- (ES) Ajuste de la temperatura en el lugar de montaje
- (EE) Temperatuuri seadmine vajadusel
- (FI) Lämpötilan säätö tarvittaessa
- (NL) Temperatuursinstelling
- (FR) Limitation de la température
- (IT) Regolazione della temperatura sul luogo del montaggio
- (LV) Temperatūras regulēšana
- (LT) Temperatūros nustatymas
- (NO) Justering av temperaturen ved sperreknappens
- (PL) Regulacja temperatury
- (RU) Регулировка температуры
- (SE) Justering av blandningstemperatur
- (SK) Nastavenie teploty
- (CZ) Regulátor teploty

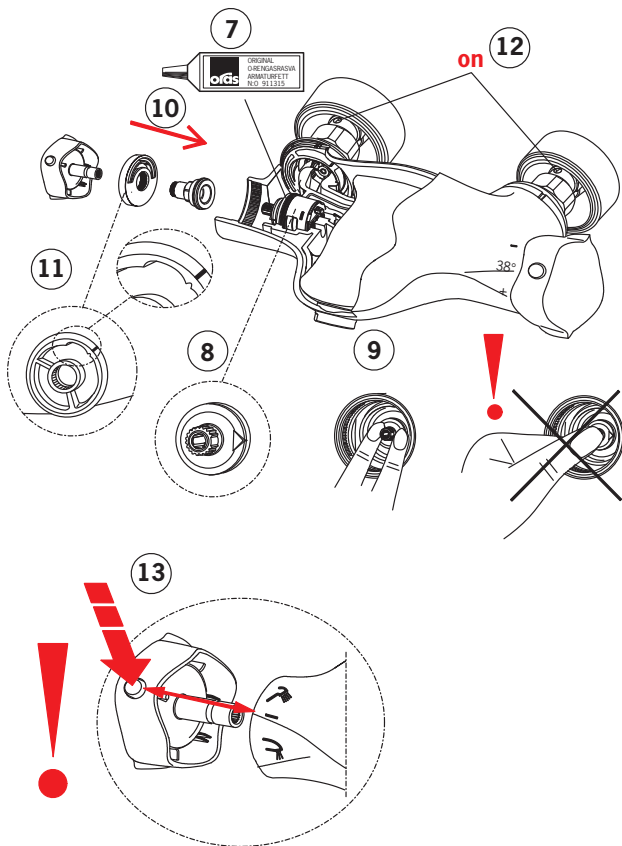
8150, 8170



SERVICE 4.2

- (DE) Auswechseln der Mischkartusche
- (GB) Changing the diverter cartridge
- (DK) Udsiftning af omskifterdelen
- (ES) Recambio del cartucho mezclador
- (EE) Vahetaja/seadeosa vahetus
- (FI) Vaihtimen/säätöosan vaihtaminen
- (NL) Vervangen van de omsteller cartouch
- (FR) Changement de la tete ceramique pour le reglage de la temperature du petit bec
- (IT) Sostituzione della cartuccia di miscelazione
- (LV) Novadītāja kārtidža nomaiņa
- (LT) Perjungėjo valdymo kasetės pakeitimas
- (NO) Bytting av omkaster kassett.
- (PL) Wymiana głowicy przełącznika
- (RU) Замена переключателя/узла регулировки
- (SE) Byte av reglerkassett i styrenheten
- (SK) Výmena zvodovej kartuše
- (CZ) Výměna kartuše usměrňovače

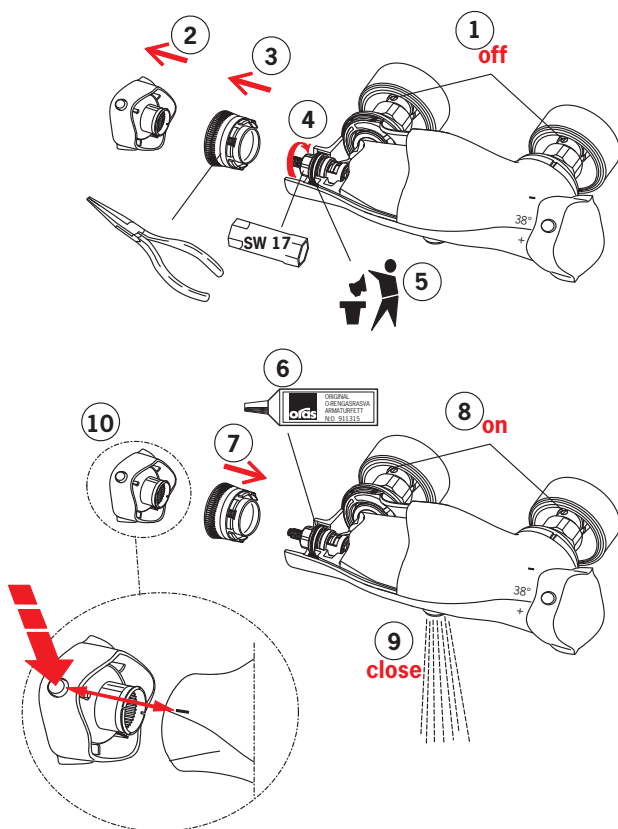
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SERVICE 5

- (DE) Auswechseln der keramischen Oberteile
- (GB) Changing the operating valve
- (DK) Udskiftning af topstykker
- (ES) Recambio del cartucho del monoblock
- (EE) Seadeventiili vahetus
- (FI) Käyttöventtiilin vaihto
- (NL) Vervangen van de werkingsklep
- (FR) Changement de la tete ceramique eau chaude ou eau froide du grand bec
- (IT) Sostituzione dei vitoni in ceramica
- (LV) Ūdens plūsmas ventiļa maiņa
- (LT) Vandens srauto reguliavimo ventiliio pakeitimas
- (NO) Bytting av overdel
- (PL) Wymiana zaworu regulacyjnego
- (RU) Замена узла управления потоком воды
- (SE) Byte av kranöverdel
- (SK) Výmena prevádzkového ventilu
- (CZ) Výměna pracovního ventilu

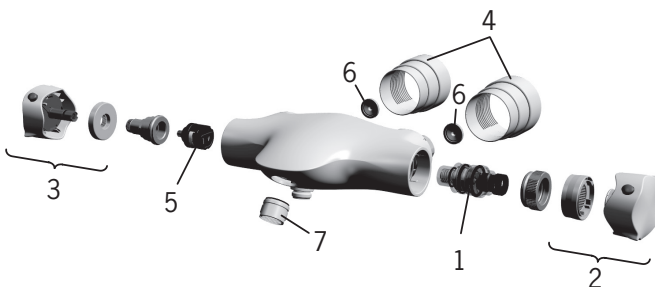
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- ⓁⒹ **Ersatzteile**
- ⒼⒷ **Spare parts**
- ⒹⓀ **Reservevedele**
- ⒺⓈ **Piezas de recambio**
- ⒺⒺ **Varuosad**
- ⒻⒿ **Varaosat**
- ⓃⒻ **Reserve-onderdelen**
- ⒻⓇ **Pièces détachées**
- ⒾⓉ **Pezzi di ricambio**
- ⒻⓋ **Rezerves daļas**
- ⒻⓉ **Atsarginės dalys**
- ⓃⓄ **Reservevedeler**
- Ⓟ **Części zamienne**
- ⓇⓊ **Запасные части**
- ⓈⒺ **Reservdelar**
- ⓈⓀ **Náhradné diely**
- ⒸⓏ **Náhradní díly**

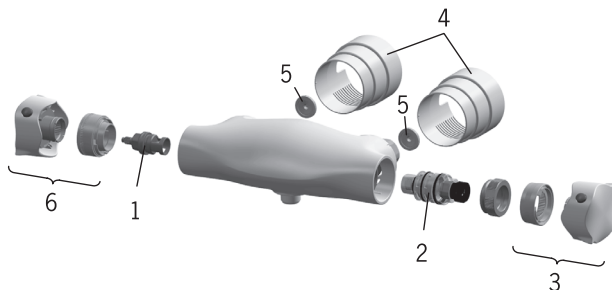
8150

- 1 178780V
- 2 188480V
- 3 188481V
- 4 188483/2
- 5 198282V
- 6 198292/2
- 7 232213



8170

- 1 109898
- 2 178780V
- 3 188480V
- 4 188483/2
- 5 198292/2
- 6 188484V



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Det Norske Veritas Certification OY/AB certifies that the Quality Management System of Oras Oy in Rauma Finland, conforms to the ISO 9001:2000 and the Environmental Management System to the ISO 14001:2004 standard. The certificates are valid for development, manufacture, marketing, sales and after sales services of faucets, accessories and valves.



The TÜV CERT Certification Body of TÜV NORD Zertifizierungs- und Umweltgutachter Gesellschaft mbH certifies that Oras Olesno Sp. z o.o. in Olesno Poland has established and applies Quality and Environmental Management System for manufacture, storage, marketing, sales and after sales services of faucets, valves and accessories. Proof has been provided that the requirements according to ISO 9001:2000 and ISO 14001:2004 are fulfilled.



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