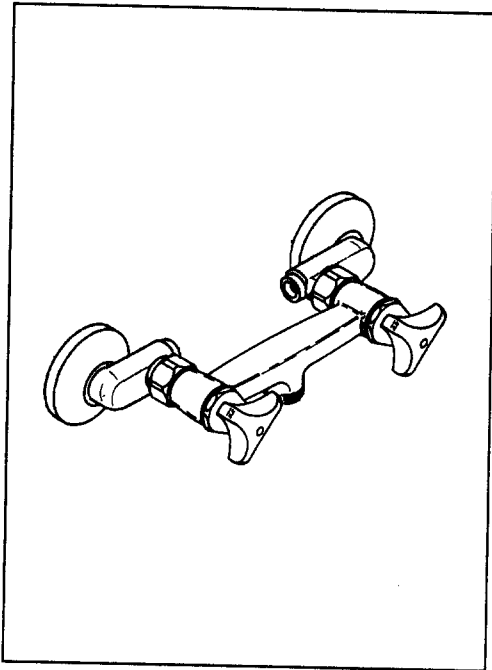
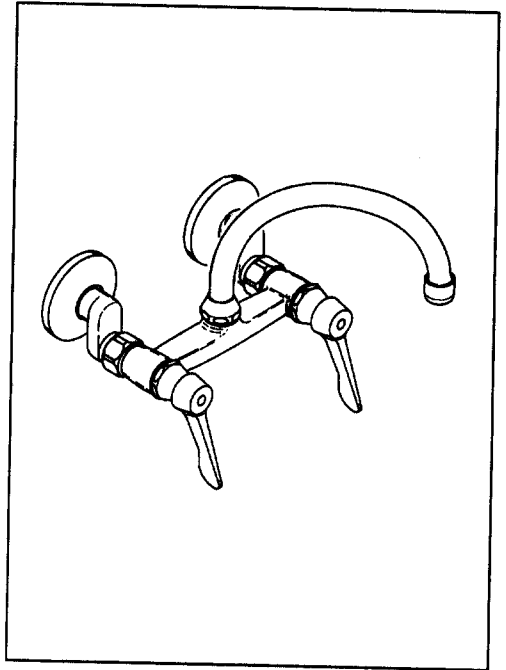


GROHE

Wall Mount



31 416 and variants



31 417 and variants



Installation dimensions
Inch and (mm)

Dimensions pour l'installation
Pouce et (mm)

Dimensiones de montaje
Pulgadas y (mm)

31 416

31 417 (with lever handle)

31 418 (31 416 with bottom outlet)

31 419 (31 417 with bottom outlet)

31 510 (31 417 with S-union, spout 13 121)

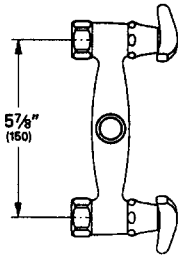
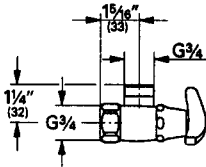
31 511 (31 417 with S-union, vacuum breaker with 3" spout)

31 512 (31 510 with adjustable S-union)

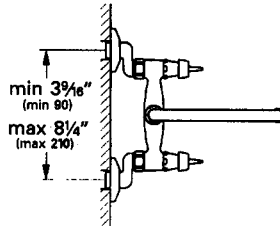
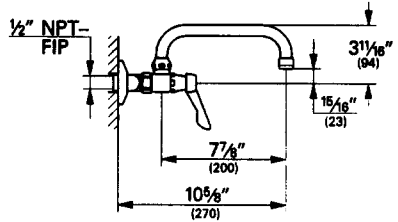
31 513 (31 417 with S-union, spout 13 121)

31 515 (31 417 with S-union, spout 13 035)

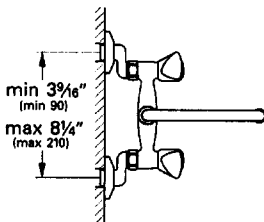
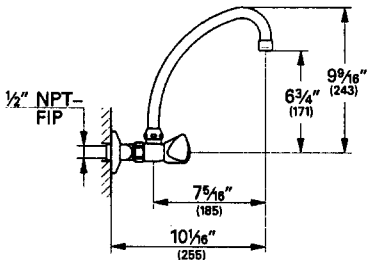
31 516 (31 417 with S-union, spout 13 048)



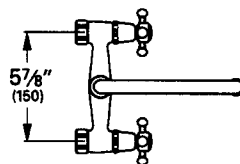
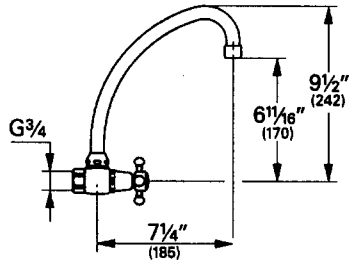
31 514



31 026



31 404

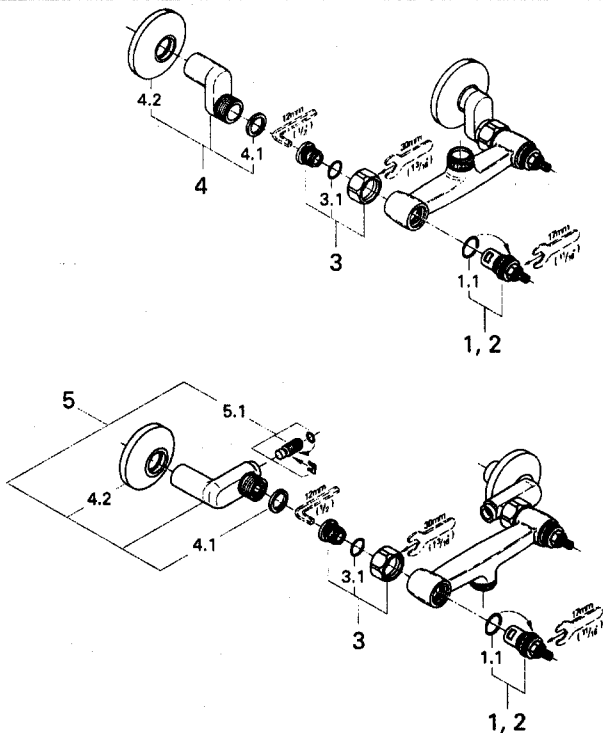


Replacement parts

Pièces de rechange

Repuestos

| | | | |
|------------------------------|------------------------------|-------------------------------|-----------------|
| <p>6.2.1, 6.1, 6.2, 6, 7</p> | <p>6.1.1, 6.1, 6.2, 8, 9</p> | <p>10, 10.1</p> | <p>11, 10.1</p> |
| <p>12, 13, 14</p> | <p>15, 16, 14</p> | <p>17.1.1, 17.1, 17, 17.2</p> | <p>18, 18.1</p> |



Specification

Application

Operation is possible in conjunction with:

- Pressurized storage heaters
- Thermally controlled instantaneous heaters
(set flow temperature to 120 °F)
- Hydraulically controlled instantaneous heaters

Operation with low-pressure storage heaters
(displacement water heaters) is **not** possible.

Specifications

- Max. flow 9.5 L/min or 2.5 gpm/80 psi
8.3 L/min or 2.2 gpm/60 psi
(with Grohe spout)
- Flow pressure
 - min. 7.25 psi
 - recommended 14.5 - 72.5 psi
 - greater than 72.5 psi, fit pressure
reducing valve
- Max. operating pressure 145 psi
- Test pressure 232 psi
- Temperature
 - max. (hot water inlet) 176 °F
- Water connection hot - LH
cold - RH

Note

Major pressure differences between cold and hot
water supply should be avoided.

Installation and Maintenance

Installation

Mount mixing valve

See dimensional drawing fold-out page I.

Assemble S-Union and screw on mixing valve.

The hot water supply should be connected on the left, the cold water supply on the right side.

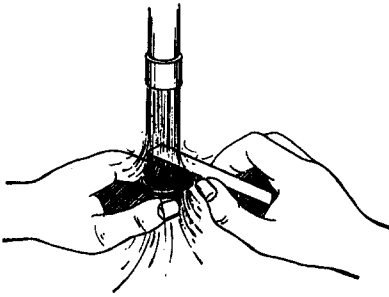
Flush pipes thoroughly.

Open stops and check function of faucet.

Check connections for leakage.

Operation

The ceramic cartridge at the left side (hot water) is right closing and on the other side vice versa.



Maintenance

For **Maintenance**, see fig. [1] and fold-out page II.

Shut off cold and hot water supply.

I. Ceramic cartridge

Unscrew the ceramic cartridge (1, 2) using a 17 mm ($11/16$ ") wrench.

II. Flow regulator

Unscrew and clean the flow regulator (6.1), see fig. [1].

Check, clean and if necessary replace parts.

Grease with special valve grease (Cat.No. 18 012).

Assemble in reverse order.

Only original **Grohe** replacement parts may be used.

Warrenty only when used with **Grohe** spout.

Replacement parts/Care

| No. | Description | Cat. No. | Pack- ing unit | No. | Description | Cat. No. | Pack- ing unit |
|-------|--------------------------|----------|----------------------|--------|-----------------------|----------|----------------------|
| 1 | Ceramic cart. 90°, right | 45 625 | 1 | 10 | Vacuum breaker with | 13 121 | 1 |
| 1.1 | Body seal O-ring | 03 924 | 10 | | 6½" spout | | |
| 2 | Ceramic cart. 90°, right | 45 626 | 1 | 10.1 | Union washer | 45 287 | 1 |
| 3 | Union nut set | 45 040 | 1 | 11 | Vacuum breaker with | 13 607 | 1 |
| 3.1 | O-ring seal | 03 119 | 10 | | 3" spout | | 1 |
| 4 | S-Union | 12 007 | 1 | 12 | Tricorn handle, blue | 06 113 | 1 |
| 4.1 | Union washer | 01 386 | 10 | 13 | Tricorn handle, blue | 06 114 | 20 |
| 4.2 | Union escutcheon | 06 386 | 1 | 14 | Cap | 01 702 | 1 |
| 5 | Adjustable S-Union | 12 100 | 1 | 15 | Lever handle, blue | 06 923 | 1 |
| 5.1 | Service stop | 45 063 | 1 | 16 | Lever handle, red | 06 924 | 1 |
| 6 | Swivel spout 8" | 13 031 | 1 | 17 | Arabesk handle cpl. | 45 277 | 1 |
| 6.1 | Flow regulator | 13 954 | 1 | 17.1 | Arabesk handle | 45 678 | 1 |
| 6.1.1 | Flow regulator set | 45 220 | 1 | 17.1.1 | Marking plate | 45 679 | 1 |
| 6.2 | Spout fitting set | 45 499 | 1 | 17.2 | Cap cartridge Arabesk | 45 680 | 1 |
| 6.2.1 | Spout O-ring seal | 01 285 | 20 | 18 | TDL handle, neutral | 06 486 | 1 |
| 7 | Swivel spout 12" | 13 035 | 1 | 18.1 | Handle connection set | 45 001 | 1 |
| 8 | Swivel spout 7¼" | 13 047 | 1 | | | | |
| 9 | Swivel spout 9½" | 13 048 | 1 | | | | |
| | | | | | | | |
| | | | | | | | |

Subject to technical modification without notice.

Care

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

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