

# AL/23

TECHNICAL MANUAL

ABOUTWATER

 **Boffi**  **FANTINI**  
RUBINETTI

**AL/23**

design Piero Lissoni



13 B104WF

WASHBASIN	p. 84
BIDET	p. 88
SHOWER	p. 90
TUB	p. 100
MISCELLANEOUS ARTICLES	p. 103

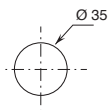
## Technical information

**AL/23 is supplied as standard WITH HANDLE.**

All washbasin and bidet mixers are fitted with 5 l/min **flow restrictors**.

### BASINS HOLE SIZE:

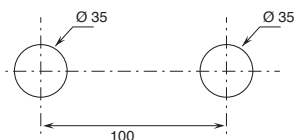
- For single-hole washbasin and bidet mixers.



- 2-hole washbasin mixer.

art. B104WF

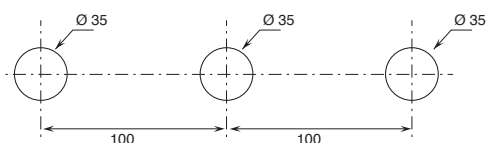
art. B106WF



- 3-hole washbasin mixer.

art. B204WF

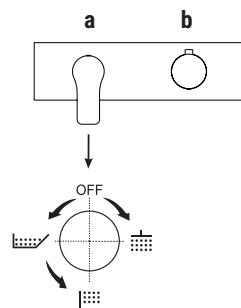
art. B206WF



**The built-in 3/4" thermostatic shower mixer is available:**

- art. **B472B+D372A** - 2 outlets

- art. **B473B+D373A** - 3 outlets



EXAMPLE:

art. **B473B+D373A**

**a) shut-off rotating diverter** - By rotating the diverter knob from centre to right clockwise, one opens the first outlet, shuts off at the centre and rotating left opens the second and third outlets in a sequence.

**b) temperature control.**

**Base material:** BRASS

### Finishing:

02 Chrome

13 Matt Black (RAL 9005)



02 - Chrome



13 - Matt Black

\* For spare parts, accessories, miscellaneous items and extensions please refer to specific pricelist sections

TRADITIONAL CARTRIDGE

**Single-hole washbasin mixer**

*\_spout projection 12 cm*



**B004WF**  
WITHOUT WASTE

**Single-hole washbasin mixer**

*\_spout projection 17 cm*



**B003WF**  
WITHOUT WASTE

**Single-hole high washbasin mixer**

*\_spout projection 17 cm*



**B006WF**  
WITHOUT WASTE

**2-hole washbasin mixer**

*\_spout projection 16 cm*



**B104WF**  
WITHOUT WASTE

**2-hole high washbasin mixer**

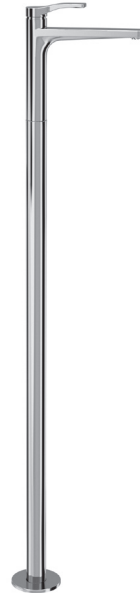
*\_spout projection 16 cm*



**B106WF**  
WITHOUT WASTE

**Floor-mount washbasin mixer**

*\_spout projection 17 cm*



**B036B+3336A**  
WITHOUT WASTE

**Wall-mount washbasin mixer**

*\_spout projection 20 cm*



**B813B+M111A**  
WITHOUT WASTE

**Single-hole bidet mixer**

*\_spout projection 11 cm*



**B008WF**  
WITHOUT WASTE

1/4 TURN CERAMIC DISC CARTRIDGE

**3-hole washbasin mixer**

*\_spout projection 16 cm*



**B204WF**  
WITHOUT WASTE

**3-hole high washbasin mixer**

*\_spout projection 16 cm*



**B206WF**  
WITHOUT WASTE

**Wall-mount washbasin mixer**

*\_spout projection 20 cm*

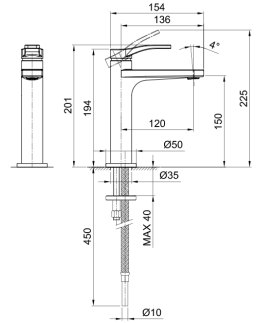


**B913B+R010A**  
WITHOUT WASTE

**B004WF**  
lead $\phi$ free

**Single-hole washbasin mixer**

- spout projection 12 cm
- handle
- flow restrictor 5 l/min at 3 bar
- flexible supply lines
- WITHOUT WASTE

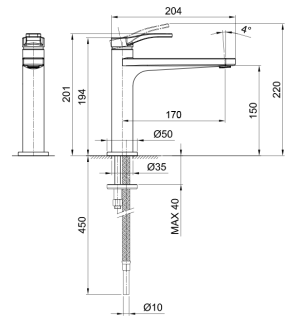


Chrome 26 02 B004WF  
Matt Black 26 13 B004WF

**B003WF**  
lead $\phi$ free

**Single-hole washbasin mixer with extended spout**

- spout projection 17 cm
- handle
- flow restrictor 5 l/min at 3 bar
- flexible supply lines
- WITHOUT WASTE

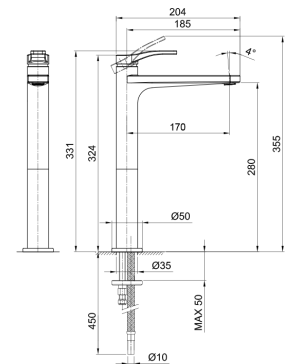


Chrome 26 02 B003WF  
Matt Black 26 13 B003WF

**B006WF**  
lead $\phi$ free

**Single-hole high washbasin mixer**

- spout projection 17 cm
- handle
- flow restrictor 5 l/min at 3 bar
- flexible supply lines
- WITHOUT WASTE

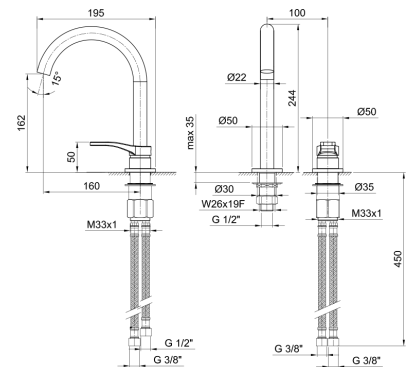


Chrome 26 02 B006WF  
Matt Black 26 13 B006WF

**B104WF**  
lead $\phi$ free

**2-hole washbasin mixer**

- spout projection 16 cm
- handle
- flow restrictor 5 l/min at 3 bar
- flexible supply lines
- WITHOUT WASTE



Chrome 26 02 B104WF  
Matt Black 26 13 B104WF

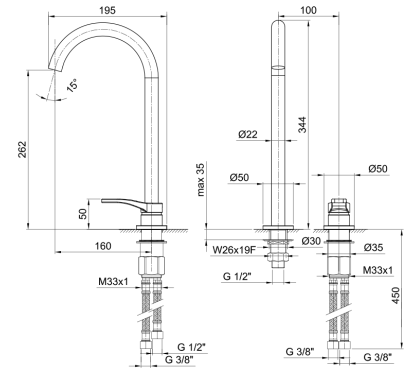
**B106WF**  
lead $\phi$ free



**2-hole high washbasin mixer**

- spout projection 16 cm
- handle
- flow restrictor 5 l/min at 3 bar
- flexible supply lines
- WITHOUT WASTE

Chrome 26 02 B106WF  
Matt Black 26 13 B106WF



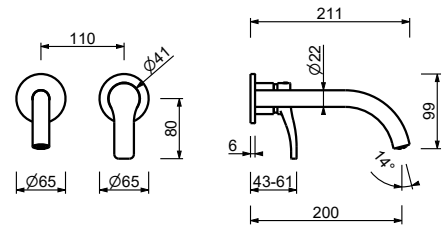
**Wall-mount washbasin mixer**

- spout projection 20 cm
- handle
- flow restrictor 5 l/min at 3 bar
- 1/2" inlets
- WITHOUT WASTE

**B813B**

**External piece**

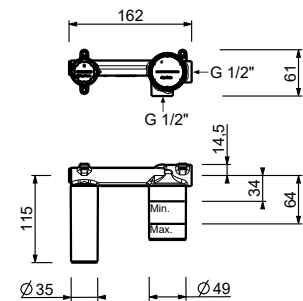
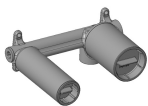
Chrome 26 02 B813B  
Matt Black 26 13 B813B



**M111A**

**Built-in piece**

44 00 M111A



lead $\rho$ free

**Floor-mount washbasin mixer**

- spout projection 17 cm
- handle
- flow restrictor 5 l/min at 3 bar
- WITHOUT WASTE

**B036B**



**External piece**

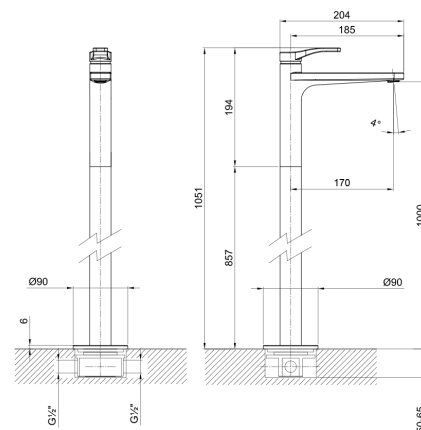
Chrome	26 02 B036B
Matt Black	26 13 B036B

**3336A**



**Built-in piece**

19 00 3336A

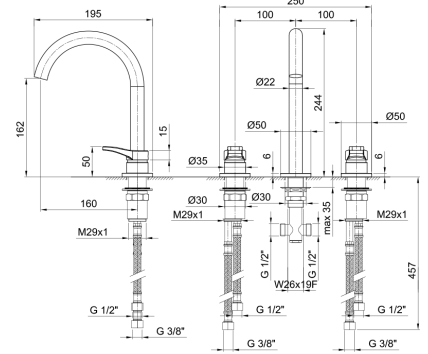


**B204WF**  
lead $\phi$ free



- 3-hole washbasin mixer**
- spout projection 16 cm
  - handles
  - flow restrictor 5 l/min at 3 bar
  - 90° ceramic cartridge
  - flexible supply lines
  - WITHOUT WASTE

Chrome 26 02 B204WF  
Matt Black 26 13 B204WF

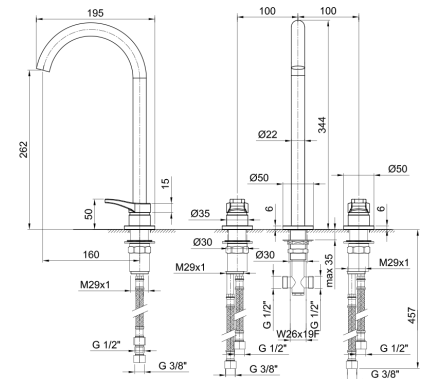


**B206WF**  
lead $\phi$ free



- 3-hole high washbasin mixer**
- spout projection 16 cm
  - handles
  - flow restrictor 5 l/min at 3 bar
  - 90° ceramic cartridge
  - flexible supply lines
  - WITHOUT WASTE

Chrome 26 02 B206WF  
Matt Black 26 13 B206WF



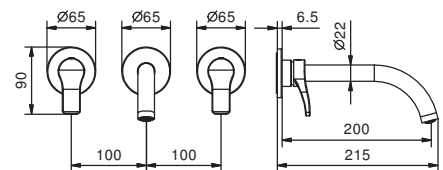
lead $\phi$ free

- Wall-mount washbasin mixer**
- spout projection 20 cm
  - handles
  - flow restrictor 5 l/min at 3 bar
  - 90° ceramic cartridge
  - 1/2" inlets
  - WITHOUT WASTE

**B913B**

**External piece**

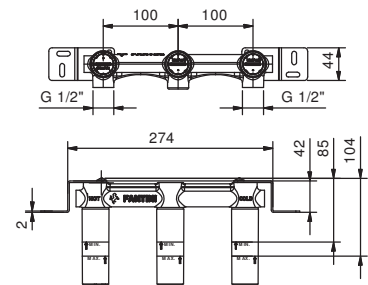
Chrome 26 02 B913B  
Matt Black 26 13 B913B



**R010A**

**Built-in piece**

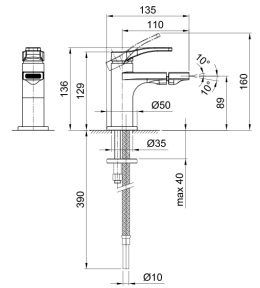
44 00 R010A



**B008WF**

**Single-hole bidet mixer**

- spout projection 11 cm
- handle
- flow restrictor 5 l/min at 3 bar
- articulated aerator
- flexible supply lines
- WITHOUT WASTE



Chrome  
Matt Black

26 02 B008WF  
26 13 B008WF

TRADITIONAL CARTRIDGE

**Built-in shower mixer**

*1/2" inlets*



**B863B+M063A**

1 outlet



**B481B+M585A**

2 outlets



**B489B+M587A**

3 outlets

THERMOSTATIC CARTRIDGE

**Built-in shower mixer**

*3/4" inlets*



**B472B+D372A**

2 outlets



**B473B+D373A**

3 outlets



**B600B+H500A**



**B490B+D491A**

stop valve

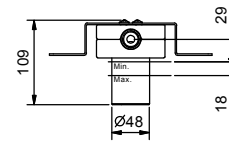
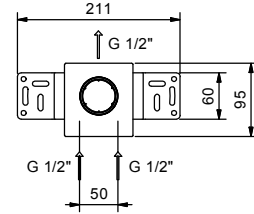
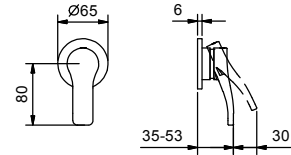
**Built-in shower mixer**

- handle
- no. 1 1/2" outlet
- 1/2" inlets
- soundproof

**B863B**

**External piece**

Chrome 26 02 B863B  
 Matt Black 26 13 B863B



**M063A**

**Built-in piece**

44 00 M063A



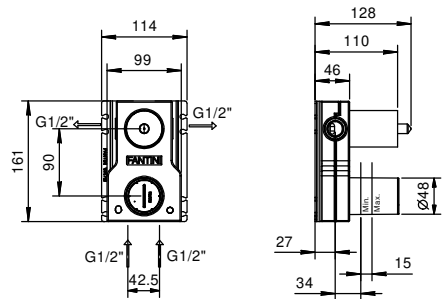
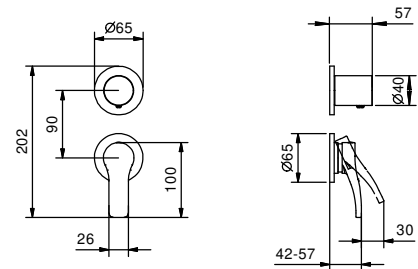
**Built-in shower mixer**

- handles
- **2-way** diverter with turning knob
- 1/2" inlets
- soundproof

**B481B**

**External piece**

Chrome 26 02 B481B  
 Matt Black 26 13 B481B



**M585A**

**Built-in piece**

44 00 M585A



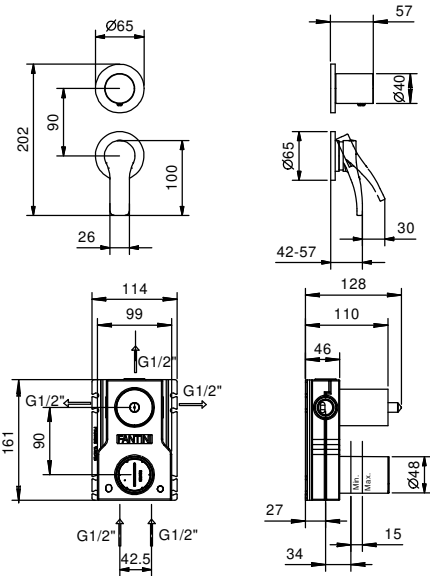
**Built-in shower mixer**

- handles
- **3-way** diverter with turning knob
- 1/2" inlets
- soundproof

**B489B**

**External piece**

Chrome 26 02 B489B  
 Matt Black 26 13 B489B



**M587A**

**Built-in piece**

44 00 M587A



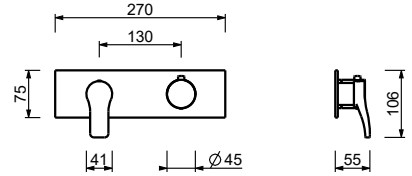
**3/4" built-in thermostatic shower mixer**

- handles
- **2-way** shut-off diverter with turning knob
- for horizontal installation only
- 3/4" inlets

**B472B**

**External piece**

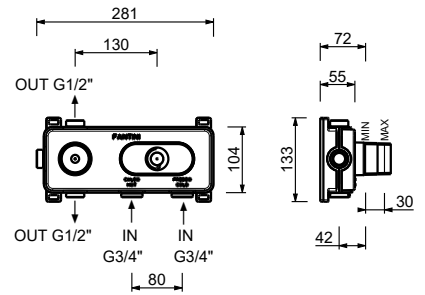
Chrome 26 02 B472B  
 Matt Black 26 13 B472B



**D372A**

**Built-in piece**

19 00 D372A



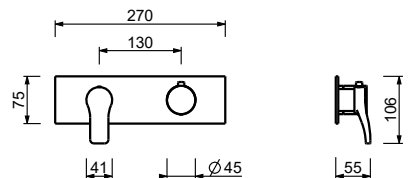
**3/4" built-in thermostatic shower mixer**

- handles
- **3-way** shut-off diverter with turning knob
- for horizontal installation only
- 3/4" inlets

**B473B**

**External piece**

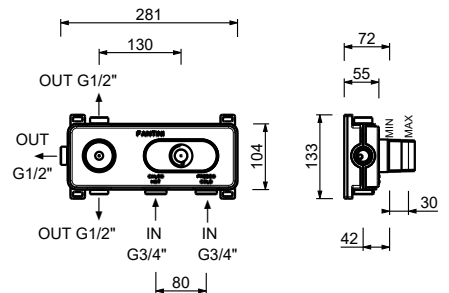
Chrome 26 02 B473B  
 Matt Black 26 13 B473B



**D373A**

**Built-in piece**

19 00 D373A



**3/4" built-in thermostatic shower mixer**

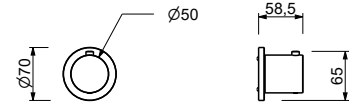
- handle
- 3/4" inlets
- soundproof

NOTE: the mixer must always be ordered with the stop valve B490B+D491A

**B600B**

**External piece**

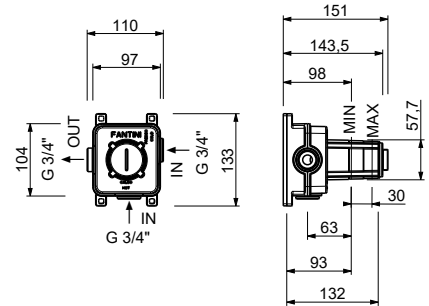
- |            |             |
|------------|-------------|
| Chrome     | 26 02 B600B |
| Matt Black | 26 13 B600B |



**H500A**

**Built-in piece**

44 00 H500A



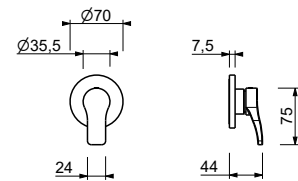
**3/4" stop valve**

- handle
- 90° ceramic cartridge
- 3/4" inlets
- soundproof

**B490B**

**External piece**

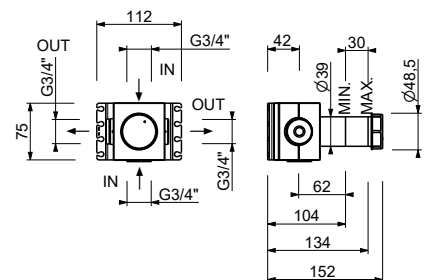
- |            |             |
|------------|-------------|
| Chrome     | 26 02 B490B |
| Matt Black | 26 13 B490B |



**D491A**

**Built-in piece**

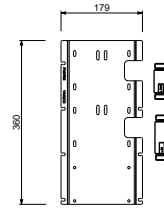
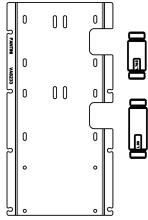
19 00 D491A



**W275**

**OPTIONAL - Easy Fix System**

- plate and connections:
- for an easy both horizontal and vertical installation of the thermostatic mixers:
  - to install art- H500A / D491A - **1 outlet**
  - to install art- H500A / D491A - **2 outlets**



**EXAMPLE OF COMBINATION - 1 OUTLET**



**EXAMPLE OF COMBINATION - 2 OUTLETS**

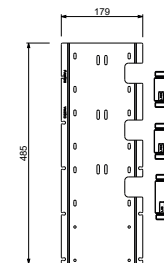
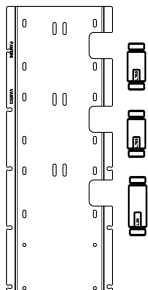


91 00 W275

**W276**

**OPTIONAL - Easy Fix System**

- plate and connections:
- for an easy both horizontal and vertical installation of the thermostatic mixers:
  - to install art- H500A / D491A - **3 outlets**



**EXAMPLE OF COMBINATION - 3 OUTLETS**



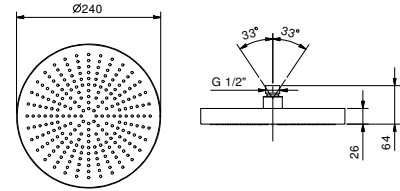
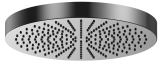
91 00 W276

8053

**Rain showerhead**

- Ø 24 cm
- base material: stainless steel
- flow restrictor 12 l/min at 3 bar
- anti-lime scale system
- 1/2" inlet
- check valve

**NOTE: conditions necessary for the correct functioning: Min. Flow Rate: 10 l/min**



Chrome 81 02 8053  
 Matt Black 81 13 8053

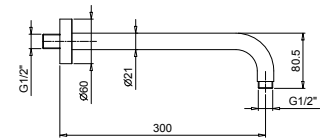
8080

**Shower arm**

- 30 cm long
- round backplate
- wall-mount
- 1/2" inlet

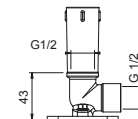


Chrome 81 02 8080  
 Matt Black 81 13 8080



**OPTIONAL: Built-in part for plasterboard**

**W046** 91 00 W046



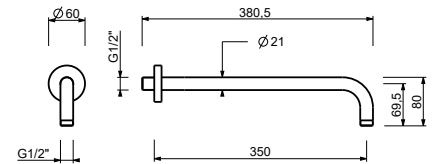
8167

**Shower arm**

- 35 cm long
- round backplate
- wall-mount
- 1/2" inlet

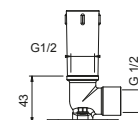


Chrome 81 02 8167  
 Matt Black 81 13 8167



**OPTIONAL: Built-in part for plasterboard**

**W046** 91 00 W046



8059

**Shower arm**

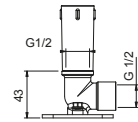
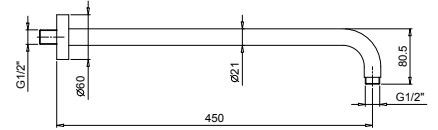
- 45 cm long
- round backplate
- wall-mount
- 1/2" inlet



Chrome 81 02 8059  
 Matt Black 81 13 8059

**OPTIONAL: Built-in part for plasterboard**

**W046** 91 00 W046



8058

**Shower arm**

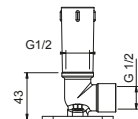
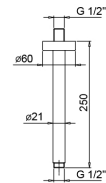
- 25 cm long
- round backplate
- ceiling-mount
- 1/2" inlet



Chrome 81 02 8058  
 Matt Black 81 13 8058

**OPTIONAL: Built-in part for plasterboard**

**W046** 91 00 W046



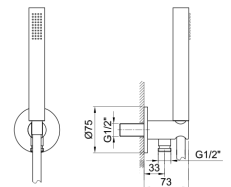
8062

**Shower set**

- FIT handshower
- water plug with showerholder
- 150 cm PVC flexible
- 1/2" inlet



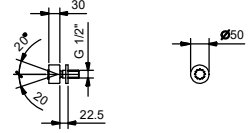
Chrome 81 02 8062  
 Matt Black 81 13 8062



8063

**Lateral body spray**

- base material: brass
- adjustable
- anti-lime scale system
- 1/2" inlet

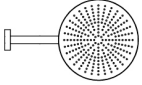



Chrome  
Matt Black

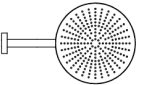
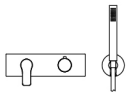
81 02 8063  
81 13 8063

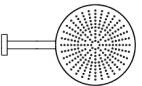
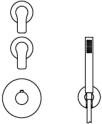
## SHOWER : shower sets with traditional cartridge

**AL/23**

COMBINATION.1	Art.	Description	Finish	
	8080	Shower arm	02	Chrome
	8053	Rain showerhead	13	Matt Black
	B481B+M585A	Built-in shower mixer		
	8062	Shower set		
				

## SHOWER : shower sets with thermostatic cartridges

COMBINATION.1	Art.	Description	Finish	
	8080	Shower arm	02	Chrome
	8053	Rain showerhead	13	Matt Black
	B472B+D372A	3/4" built-in thermostatic shower mixer		
	8062	Shower set		
				

COMBINATION.2	Art.	Description	Finish	
	8080	Shower arm	02	Chrome
	8053	Rain showerhead	13	Matt Black
	B600B+H500A	3/4" built-in thermostatic shower mixer		
	B490B+D491A(X 2)	3/4" stop valve		
	8062	Shower set		
	W275 OPT.	OPTIONAL - Easy Fix System	<b>*optional</b> W275	OPTIONAL - Easy Fix System
				

TRADITIONAL CARTRIDGE

**Wall-mount bathtub mixer**

*\_spout projection 19 cm  
\_1/2" inlets*



**B015**  
2 outlets

**Floor-mount bathtub mixer**

*\_spout projection 20 cm  
\_1/2" inlets*



**B080B+R080A**  
2 outlets

1/4 TURN CERAMIC DISC CARTRIDGE

**Built-in bathtub mixer**

*\_spout projection 19 cm  
\_1/2" inlets*



**B719B+R019A**  
2 outlets

**Built-in bathtub mixer**

*\_1/2" inlets*



**B717B+R017A**  
2 outlets

**Deck-mount bathtub mixer**

*\_spout projection 16 cm  
\_3/4" inlets*



**B265**  
2 outlets

**Deck-mount bathtub mixer**

*\_3/4" inlets*



**B267**  
2 outlets

**B015**

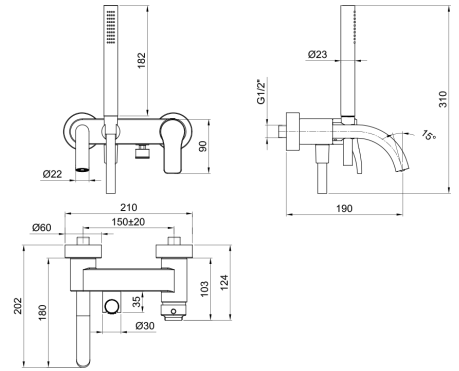
**Wall-mount bathtub mixer**

- spout projection 19 cm
- handle
- **2-way** diverter with pushing button
- FIT handshower
- handshower holder
- 150 cm PVC flexible



Chrome  
Matt Black

26 02 B015  
26 13 B015



**Built-in bathtub mixer**

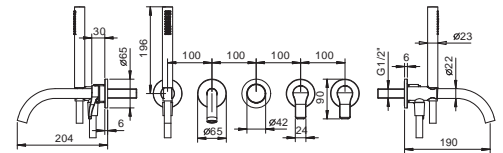
- **spout projection 19 cm**
- handles
- **2-way** diverter with turning knob
- FIT handshower
- water plug with showerholder
- 150 cm PVC flexible
- 90° ceramic cartridge
- 1/2" inlets

**B719B**

**External piece**

Chrome  
Matt Black

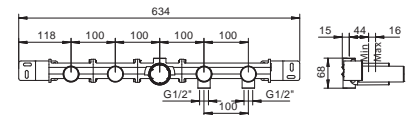
26 02 B719B  
26 13 B719B



**R019A**

**Built-in piece**

44 00 R019A





**Floor-mount bathtub mixer**

- spout projection 20 cm
- handle
- open/close handle with flow and temperature control
- FIT handshower
- handshower holder
- 150 cm PVC flexible
- 1/2" inlets
- on foot

**B080B**



**R080A**

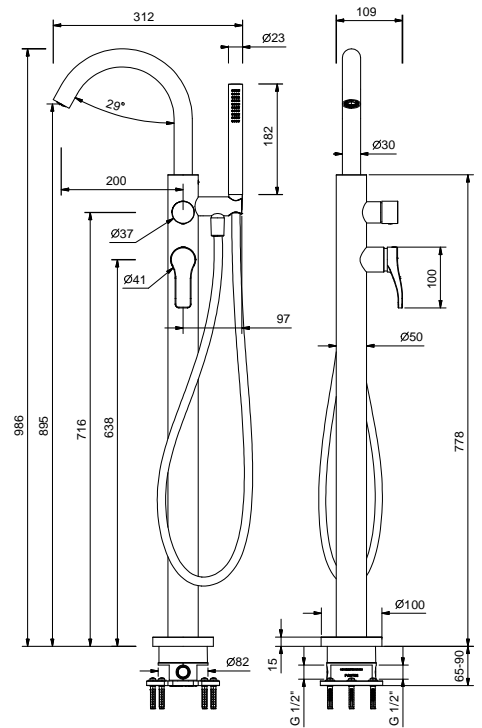


**External piece**

- |            |             |
|------------|-------------|
| Chrome     | 26 02 B080B |
| Matt Black | 26 13 B080B |

**Built-in piece**

- |             |
|-------------|
| 44 00 R080A |
|-------------|

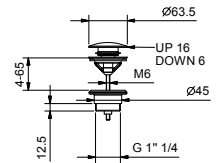


8434

**Waste**

- 1" 1/4
- pushing plug
- for washbasin without overflow
- for washbasin with overflow
- universal

**N.B. complete finishing list in the section miscellaneous articles at the end of the pricelist**



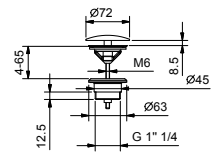
Chrome 91 02 8434  
 Matt Black 91 13 8434

8435

**Waste**

- 1" 1/4
- for washbasin without overflow
- for washbasin with overflow
- unrestricted outlet
- universal

**N.B. complete finishing list in the section miscellaneous articles at the end of the pricelist**



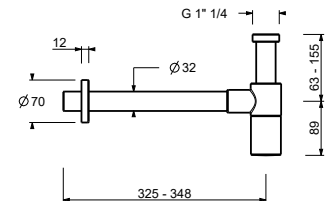
Chrome 91 02 8435  
 Matt Black 91 13 8435

9234

**Bottle trap**

- 1" 1/4
- for washbasin

**N.B. complete finishing list in the section miscellaneous articles at the end of the pricelist**



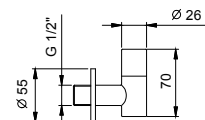
Chrome 91 02 9234  
 Matt Black 91 13 9234

8364

**Pair of filters**

- with shutoff
- fully inspectable filter
- 1/2" inlet

**N.B. complete finishing list in the section miscellaneous articles at the end of the pricelist**



Chrome 91 02 8364  
 Matt Black 91 13 8364

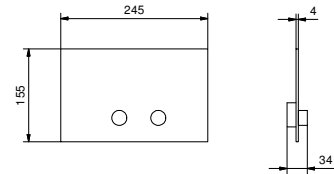
8402

**Flush actuator plate GEBERIT**

- base material: stainless steel
- projecting push-button controls
- with round controls
- without visible fixing system



**N.B. complete finishing list in the section miscellaneous articles at the end of the pricelist**  
**N.B. compatible ONLY WITH Geberit Sigma 8/Sigma 12**

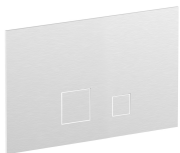


Brilliant Stainless Steel      91 38 8402  
 Matt Black                              91 13 8402

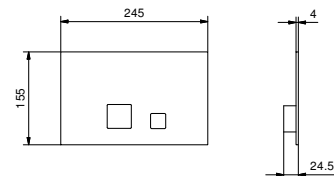
8403

**Flush actuator plate GEBERIT**

- base material: stainless steel
- flush fit controls
- with square controls
- without visible fixing system



**N.B. complete finishing list in the section miscellaneous articles at the end of the pricelist**  
**N.B. compatible ONLY WITH Geberit Sigma 8/Sigma 12**



Brilliant Stainless Steel      91 38 8403  
 Matt Black                              91 13 8403

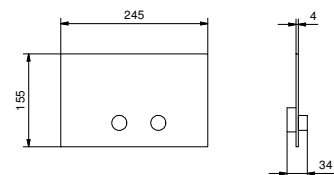
W216

**Flush actuator plate TECE**

- base material: stainless steel
- projecting push-button controls
- with round controls
- minimum depth: see installation instructions
- without visible fixing system



**N.B. complete finishing list in the section miscellaneous articles at the end of the pricelist**  
**N.B. compatible ONLY WITH Tecebox Octa II**



Brilliant Stainless Steel      91 38 W216  
 Matt Black                              91 13 W216

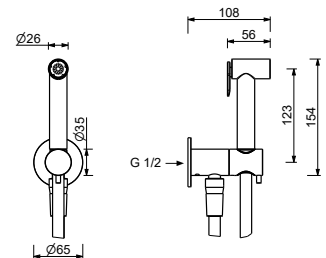
W291

**Hydrobrush**

- for WC cleaning
- water plug with showerholder
- stop valve
- round backplate
- 120 cm brass flexible hose



**N.B. complete finishing list in the section miscellaneous articles at the end of the pricelist**



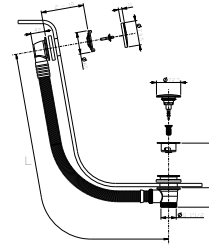
Chrome                              91 02 W291  
 Matt Black                              91 13 W291

**W001**

**Bathtub drain**

- with handle
- WITH WASTE

**N.B. complete finishing list in the section miscellaneous articles at the end of the pricelist**



Chrome  
Matt Black

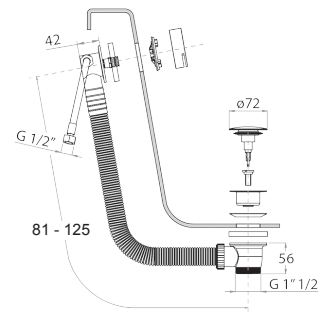
91 02 W001  
91 13 W001

**W002**

**Bathtub drain**

- with handle
- overflow set with filling function
- WITH WASTE

**N.B. complete finishing list in the section miscellaneous articles at the end of the pricelist**



Chrome  
Matt Black

91 02 W002  
91 13 W002





**ABOUTWATER** Fratelli Fantini Spa  
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fantini@fantini.it - www.fantini.it  
www.aboutwater.it