

AL/23

TECHNICAL MANUAL

ABOUTWATER

 **Boffi**  **FANTINI**
RUBINETTI

AL/23

design Piero Lissoni



WASHBASIN p. 88

BIDET p. 92

SHOWER p. 94

TUB p. 103

MISCELLANEOUS ARTICLES p. 106

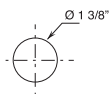
Technical information

All AL/23 articles are supplied WITH HANDLES.

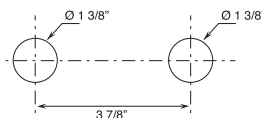
Washbasin and bidet mixers are **restricted to 1.2 gpm.**

HOLE SIZE GUIDELINES:

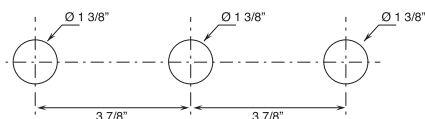
- Single-hole washbasin and bidet mixers.



- Two-hole washbasin mixers.



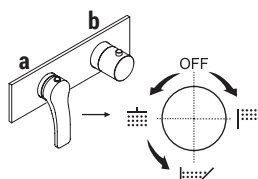
- Three-hole washbasin mixers.



The 3/4" thermostatic shower mixer is available with integrated volume controls in these versions:

- with one volume control (1 outlet) B472BU + D331AU
- with 2-way diverter (2 outlets) B472BU + D372AU
- with 3-way diverter (3 outlets) B472BU + D373AU

Diverter **include volume control** and **do not allow to share functions.**



OPERATION EXAMPLE:

B472BU + D373AU

- a) **rotating diverter with volume control:** from the OFF position, the first function is activated by rotating the knob clockwise, volume increases progressively. The second and third are activated in sequence turning the handle counterclockwise.
- b) **temperature control** with safety override button at 100° F.

Base materials:

BRASS

Finish:

- 02 Chrome
- 13 Matte Black (RAL 9005)



02 - Chrome



13 - Matte Black

* For spare parts, accessories, miscellaneous items and extensions please refer to the dedicated sections

TRADITIONAL CARTRIDGE

Single-control washbasin mixer

_4 5/8" spout projection



B004WU
WITHOUT DRAIN

Single-control washbasin mixer

_6 5/8" spout projection



B003WU
WITHOUT DRAIN

Single-control vessel mixer

_6 5/8" spout projection



B006WU
WITHOUT DRAIN

Two-hole washbasin mixer with single-control

_6 5/8" spout projection



B104WU
WITHOUT DRAIN

Two-hole vessel mixer with single-control

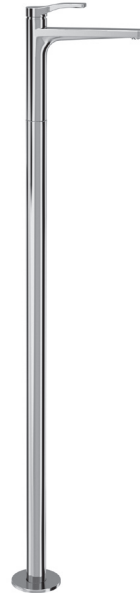
_6 5/8" spout projection



B106WU
WITHOUT DRAIN

Floor-mount single-control washbasin mixer

_6 5/8" spout projection



B036BU+3336AU
WITHOUT DRAIN

Wall-mount washbasin mixer

_7 7/8" spout projection



B813BU+M011AU
WITHOUT DRAIN

Single-control bidet mixer

_5 3/8" spout projection



B008WU
WITHOUT DRAIN

1/4 TURN CERAMIC DISC CARTRIDGE

Three-hole washbasin mixer

_6 5/8" spout projection



B204WU
WITHOUT DRAIN

Three-hole vessel mixer

_6 5/8" spout projection



B206WU
WITHOUT DRAIN

Wall-mount washbasin mixer

_7 7/8" spout projection



B913BU+R010AU
WITHOUT DRAIN

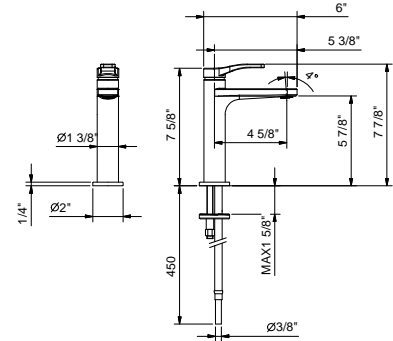
B004WU

Single-control washbasin mixer

- 4 5/8" spout projection
- Without drain
- Adjustable aerator
- Traditional cartridge
- Flexible supply lines included
- Water flow restricted to 1.2 gpm



Drain not included, please select W095U or W097U in the Miscellaneous Articles section.



Chrome 26 02 B004WU
Matte Black 26 13 B004WU

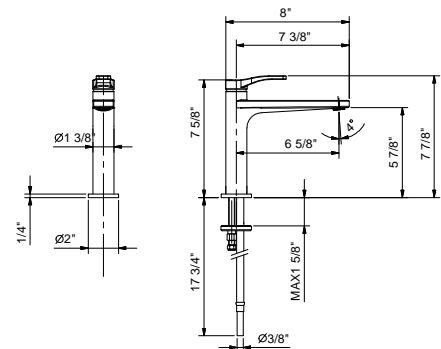
B003WU

Single-control washbasin mixer with extended spout

- 6 5/8" spout projection
- Without drain
- Adjustable aerator
- Traditional cartridge
- Flexible supply lines included
- Water flow restricted to 1.2 gpm



Drain not included, please select W095U or W097U in the Miscellaneous Articles section.



Chrome 26 02 B003WU
Matte Black 26 13 B003WU

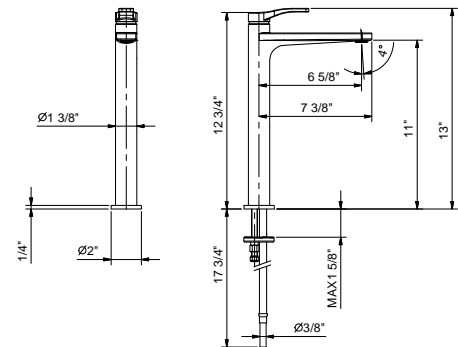
B006WU

Single-control vessel mixer

- 6 5/8" spout projection
- Without drain
- Adjustable aerator
- Traditional cartridge
- Flexible supply lines included
- Water flow restricted to 1.2 gpm



Drain not included, please select W095U or W097U in the Miscellaneous Articles section.



Chrome 26 02 B006WU
Matte Black 26 13 B006WU

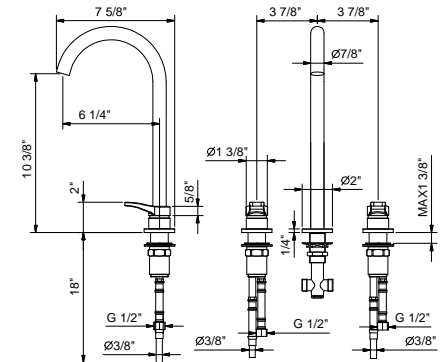
B104WU

Two-hole washbasin mixer with single-control

- 6 1/4" spout projection
- Without drain
- Aerated flow
- Traditional cartridge
- Flexible supply lines included
- Water flow restricted to 1.2 gpm



Drain not included, please select W095U or W097U in the Miscellaneous Articles section.



Chrome 26 02 B104WU
Matte Black 26 13 B104WU

B106WU

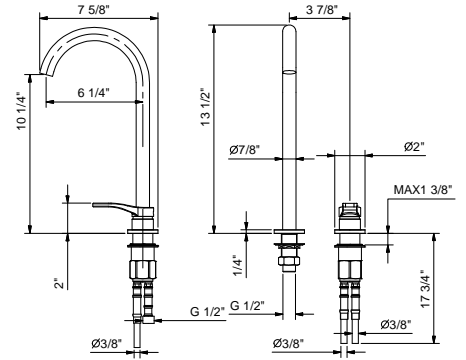
Two-hole vessel mixer with single-control

- 6 1/4" spout projection
- Without drain
- Aerated flow
- Traditional cartridge
- Flexible supply lines included
- Water flow restricted to 1.2 gpm



Drain not included, please select W095U or W097U in the Miscellaneous Articles section.

Chrome 26 02 B106WU
Matte Black 26 13 B106WU



Wall-mount washbasin mixer

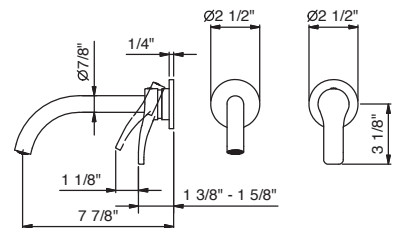
- 7 7/8" spout projection
- Without drain
- Aerated flow
- Traditional cartridge
- Water flow restricted to 1.2 gpm

Drain not included, please select W095U or W097U in the Miscellaneous Articles section.

B813BU

Trim

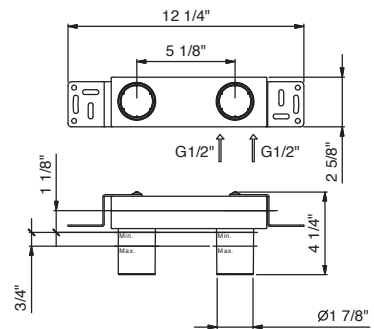
Chrome 26 02 B813BU
Matte Black 26 13 B813BU



M011AU

Rough

44 00 M011AU



Floor-mount washbasin mixer

- 6 5/8" spout projection
- Without drain
- Adjustable aerator
- Traditional cartridge
- Water flow restricted to 1.2 gpm

Drain not included, please select W095U or W097U in the Miscellaneous Articles section.

B036BU



Trim

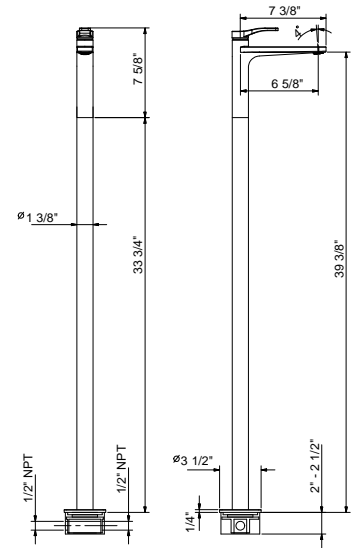
Chrome	26 02 B036BU
Matte Black	26 13 B036BU

3336AU



Rough

19 00 3336AU



B204WU

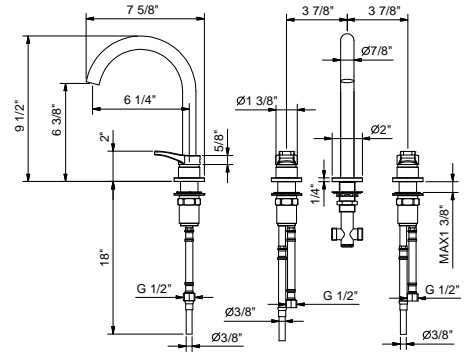
Three-hole washbasin mixer

- 6 1/4" spout projection
- Without drain
- Aerated flow
- 1/4 turn ceramic disc cartridge
- Flexible supply lines included
- Water flow restricted to 1.2 gpm



Drain not included, please select W095U or W097U in the Miscellaneous Articles section.

Chrome 26 02 B204WU
Matte Black 26 13 B204WU



B206WU

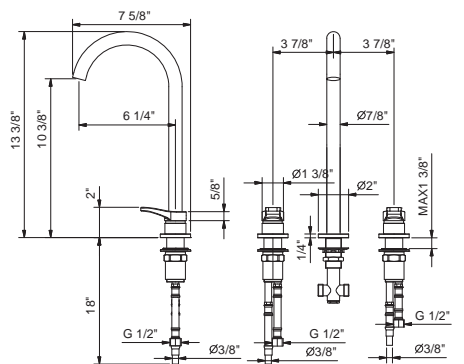
Three-hole washbasin mixer

- 6 1/4" spout projection
- Without drain
- Aerated flow
- 1/4 turn ceramic disc cartridge
- Flexible supply lines included
- Water flow restricted to 1.2 gpm



Drain not included, please select W095U or W097U in the Miscellaneous Articles section.

Chrome 26 02 B206WU
Matte Black 26 13 B206WU



Wall-mount washbasin mixer

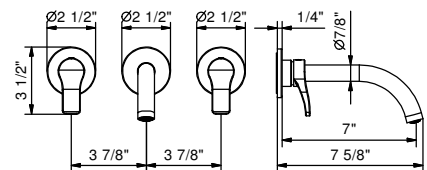
- 7 7/8" spout projection
- Without drain
- Aerated flow
- 1/4 turn ceramic disc cartridge
- Water flow restricted to 1.2 gpm

Drain not included, please select W095U or W097U in the Miscellaneous Articles section.

B913BU

Trim

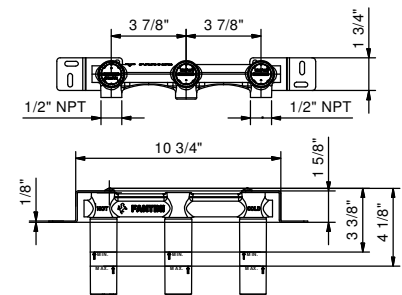
Chrome 26 02 B913BU
Matte Black 26 13 B913BU



R010AU

Rough

44 00 R010AU



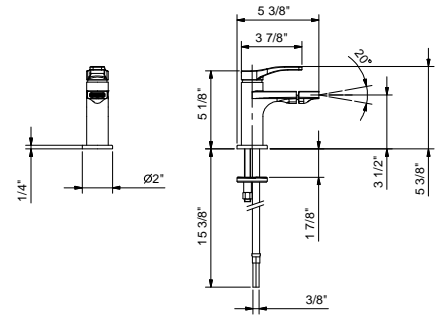
B008WU

Single-control bidet mixer

- 5 3/8" spout projection
- Without drain
- Aerated flow
- Traditional cartridge
- Flexible supply lines included



Drain not included, please select W095U or W097U in the Miscellaneous Articles section.



Chrome
Matte Black

26 02 B008WU
26 13 B008WU

THERMOSTATIC CARTRIDGE

Built-in shower mixer

3/4" inlets



B472BU+D331AU
volume control
1 outlet



B472BU+D372AU
diverter
2 outlets



B472BU+D373AU
diverter
3 outlets



B400BU+D400AU



B491BU+D391AU
volume control
1 outlet



B476BU+D376AU
diverter
2 outlets



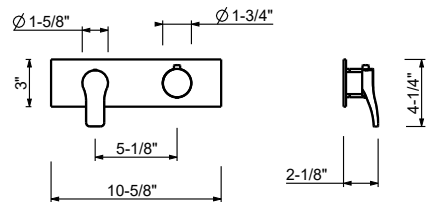
B476BU+D377AU
diverter
3 outlets

3/4" Thermostatic mixer with integrated volume control

- Temperature control with safety override button at 100° F
- 3/4" NPT inlets, 1/2" outlet on rough
- Flow rate: 15.3 gpm @ 60 psi
- Anti-scald mechanism
- Watertight casing for added safety
- Accessible shut-off valves and filters
- For horizontal installation

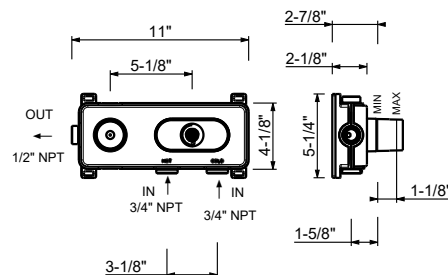
B472BU

Trim	
Chrome	26 02 B472BU
Matte Black	26 13 B472BU



D331AU

Rough	
	19 00 D331AU

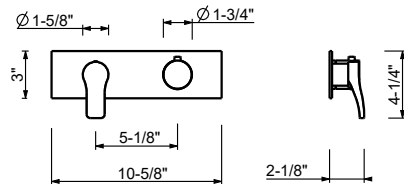


3/4" Thermostatic mixer with 2-way diverter

- Temperature control with safety override button at 100° F
- 3/4" NPT inlets, 1/2" outlets on rough
- Flow rate: 8.9 gpm @ 60 psi (primary outlet)
- Flow rate: 7.6 gpm @ 60 psi (secondary outlet)
- Anti-scald mechanism
- Watertight casing for added safety
- Accessible shut-off valves and filters
- For horizontal installation

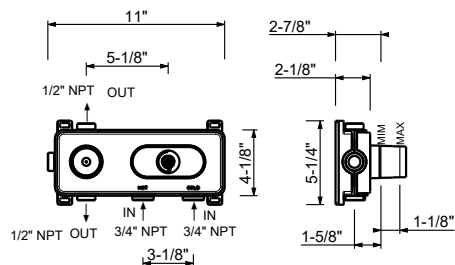
B472BU

Trim	
Chrome	26 02 B472BU
Matte Black	26 13 B472BU



D372AU

Rough	
	19 00 D372AU



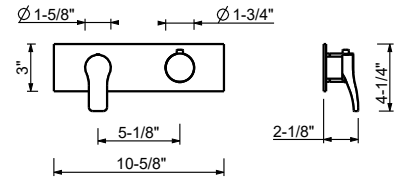
3/4" Thermostatic mixer with 3-way diverter

- Temperature control with safety override button at 100° F
- 3/4" NPT inlets, 1/2" outlets on rough
- Flow rate: 8.7 gpm @ 60 psi (primary outlet)
- Flow rate: 7.4 gpm @ 60 psi (secondary outlet)
- Flow rate: 7.4 gpm @ 60 psi (third outlet)
- Anti-scald mechanism
- Watertight casing for added safety
- Accessible shut-off valves and filters
- For horizontal installation

B472BU

Trim

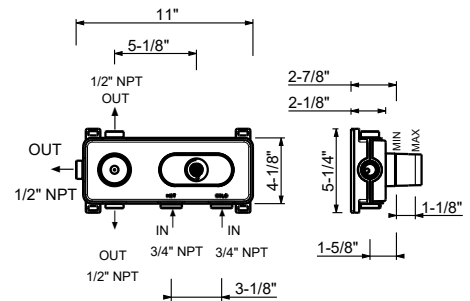
Chrome	26 02 B472BU
Matte Black	26 13 B472BU



D373AU

Rough

19 00 D373AU



3/4" Thermostatic shower mixer without volume control

- Temperature control with safety override button at 100° F
- 3/4" NPT inlets and outlet on rough
- Flow rate: 16.9 gpm @ 60 psi
- Anti-scald mechanism
- Watertight casing for added safety
- Accessible shut-off valves and filters
- Compatible with Easy Fix art. # W213U and W214U

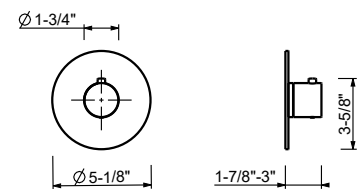
To be used with volume control(s) or diverter(s):

- volume control art. # B491BU+D391AU
- 2-way diverter art. # B476BU+D376AU
- 3-way diverter art. # B476BU+D377AU

B400BU

Trim

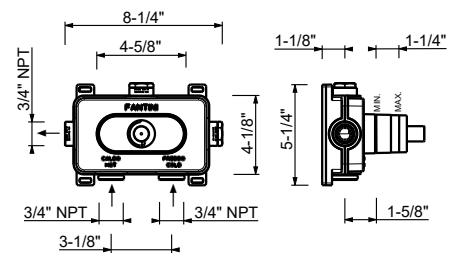
Chrome	26 02 B400BU
Matte Black	26 13 B400BU



D400AU

Rough

19 00 D400AU



3/4" Volume control

- For remote installation
- 3/4" NPT inlets and outlets
- Separate outlet for additional volume controls
- Sound insulation foam back
- 15.3 gpm @ 60 psi

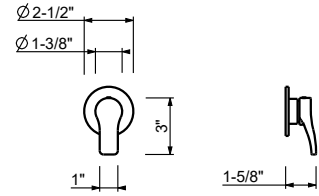
To be used with thermostatic mixer B400BU+D400AU

B491BU



Trim

Chrome	26 02 B491BU
Matte Black	26 13 B491BU

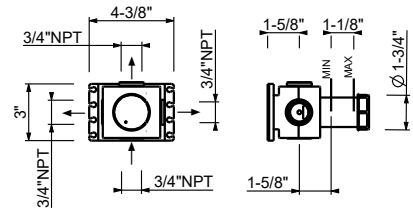


D391AU



Rough

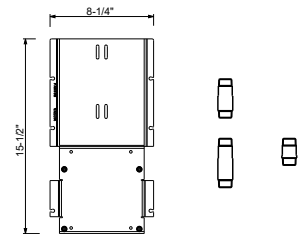
19 00 D391AU



W213U

OPTIONAL - Easy Fix System

- Includes backplate and connections
- Suitable for vertical and horizontal installation
- **1 outlet:** D400AU + D391AU
- **2 outlets:** D400AU + (2) D391AU



EXAMPLE OF CONFIGURATION - 1 OUTLET



EXAMPLE OF CONFIGURATION - 2 OUTLETS

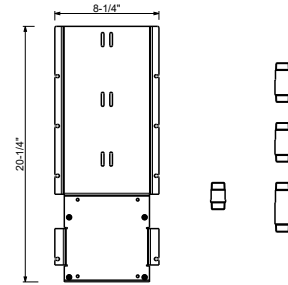


91 00 W213U

W214U

OPTIONAL - Easy Fix System

- Includes backplate and connections
- Suitable for vertical and horizontal installation
- **3 outlets:** D400AU + (3) D391AU



EXAMPLE OF CONFIGURATION - 3 OUTLETS



91 00 W214U

2-Way diverter with integrated volume control

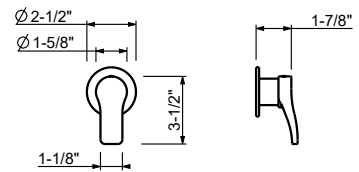
- For remote installation
- 1/2" NPT inlets and outlets
- Accessible shut-off valves and filters
- Round backplate
- Flow rate: 8.9 gpm @ 60 psi (primary outlet)
- Flow rate: 7.6 gpm @ 60 psi (secondary outlet)

To be used with thermostatic mixer B400BU+D400AU

B476BU

Trim

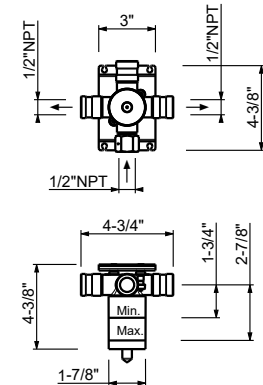
- Chrome 26 02 B476BU
- Matte Black 26 13 B476BU



D376AU

Rough

19 00 D376AU



3-Way diverter with integrated volume control

- For remote installation
- 1/2" NPT inlets and outlets
- Accessible shut-off valves and filters
- Round backplate
- Flow rate: 8.7 gpm @ 60 psi (primary outlet)
- Flow rate: 7.4 gpm @ 60 psi (secondary outlet)
- Flow rate: 7.4 gpm @ 60 psi (third outlet)

To be used with thermostatic mixer B400BU+D400AU

B476BU

Trim

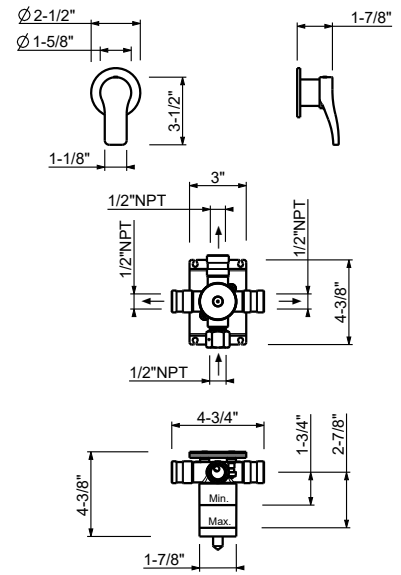
Chrome	26 02 B476BU
Matte Black	26 13 B476BU



D377AU

Rough

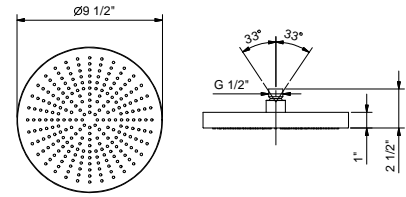
19 00 D377AU



8053U

9 1/2" Round showerhead

- Stainless steel
- Anti-limescale membrane
- Water flow restricted to 2.5 gpm

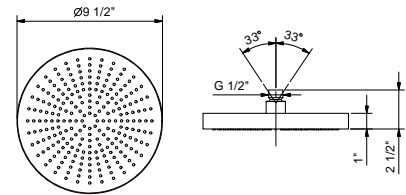


Chrome 81 02 8053U
Matte Black 81 13 8053U

8053UC

9 1/2" Round showerhead - Restricted to 1.8 gpm

- Stainless steel
- Anti-limescale membrane
- Water flow restricted to 1.8 gpm



Chrome 81 02 8053UC
Matte Black 81 13 8053UC

8080U

12" Wall-mount shower arm

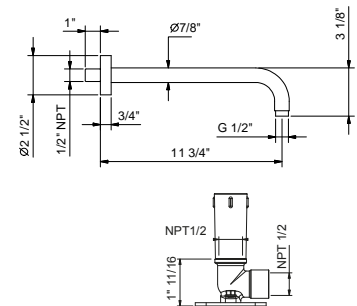
- Round escutcheon
- Curved angle
- 1/2" NPT male connection
- Matching showerhead: #8053U, #8053UC



Chrome 81 02 8080U
Matte Black 81 13 8080U

OPTIONAL: Built-in part

W046U 91 00 W046U



8059U

18" Wall-mount shower arm

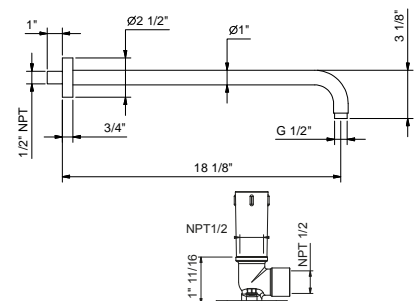
- Curved angle
- Round escutcheon
- 1/2" NPT male connection
- Matching showerhead: #8053U, #8053UC



Chrome 81 02 8059U
Matte Black 81 13 8059U

OPTIONAL: Built-in part

W046U 91 00 W046U



8058U

10" Ceiling-mount shower arm

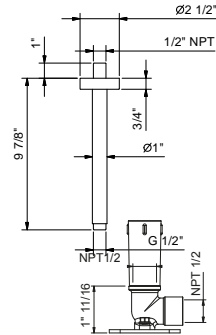
- Round escutcheon
- 1/2" NPT male connection
- Matching showerhead: #8053U, #8053UC



Chrome 81 02 8058U
 Matte Black 81 13 8058U

OPTIONAL: Built-in part

W046U 91 00 W046U



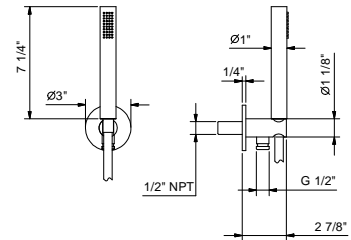
8062U

Wall-mount handshower set

- Cylindrical handshower with anti-siphon check valve
- Anti-limescale membrane
- 58" PVC hose
- Water outlet with holder
- Round escutcheon
- 1/2" NPT male connection
- Water flow restricted to 1.8 gpm



Chrome 81 02 8062U
 Matte Black 81 13 8062U



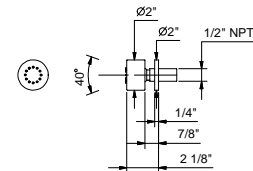
8063U

Wall-mount round adjustable body spray

- Anti-limescale membrane
- 1/2" NPT male connection
- Water flow restricted to 2.5 gpm



Chrome 81 02 8063U
 Matte Black 81 13 8063U



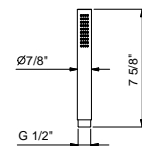
9914U

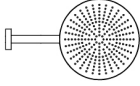
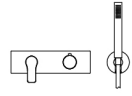
ABOUTWATER Handshower

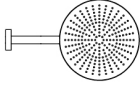
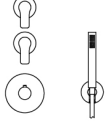
- Water flow restricted to 1.8 gpm
- Cylindrical
- Anti-siphon valve
- Anti-limescale membrane



Chrome 90 02 9914U
 Matte Black 90 13 9914U



CONFIGURATION.1	Art.	Description	Finish	
 	8053U	9 1/2" Round showerhead	02	Chrome
	B472BU+D372AU	3/4" Thermostatic mixer with 2-way diverter	13	Matte Black
	8080U	12" Wall-mount shower arm		
	8062U	Wall-mount handshower set		

CONFIGURATION.2	Art.	Description	Finish	
 	8053U	9 1/2" Round showerhead	02	Chrome
	8062U	Wall-mount handshower set	13	Matte Black
	8080U	12" Wall-mount shower arm		
	B400BU+D400AU	3/4" Thermostatic shower mixer without volume control	*optional	
	B491BU+D391AU(X 2)	3/4" Volume control	W213U	OPTIONAL - Easy Fix System
	W213U OPT.	OPTIONAL - Easy Fix System		

1/4 TURN CERAMIC DISC CARTRIDGE

Wall-mount tub filler

_1/2" inlets



B719BU+R019AU
2 outlets



B717BU+R017AU
2 outlets

Deck-mount tub filler

_3/4" inlets



B265U
2 outlets



B267U
2 outlets

TRADITIONAL CARTRIDGE

Floor-mount single-control tub filler

_1/2" inlets



B080BU+R080AU
2 outlets

Wall-mount tub filler

- 8" spout projection
- Cylindrical handshower with anti-siphon check valve
- 1/2" female inlets
- Handshower holder with 58" PVC hose and water outlet
- 2-way diverter
- 1/4 turn ceramic disc cartridge
- Water flow restricted to 1.8 gpm for handshower
- 7.1 gpm @ 60 psi

B719BU



Trim

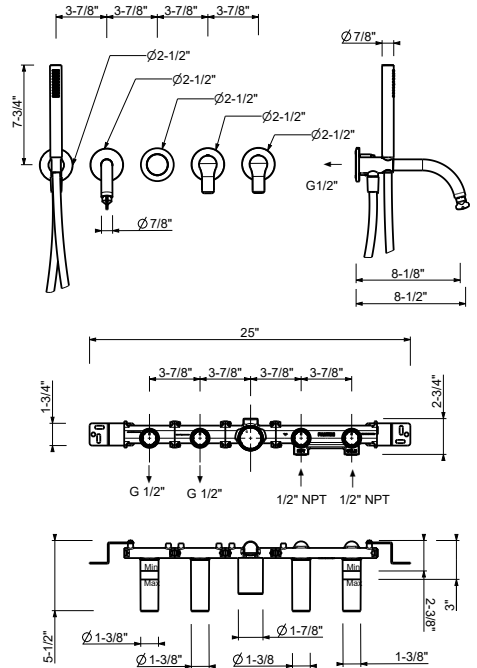
Chrome	26 02 B719BU
Matte Black	26 13 B719BU

R019AU



Rough

44 00 R019AU



Wall-mount tub filler

- Without spout
- Cylindrical handshower with anti-siphon check valve
- 1/2" female inlets
- Handshower holder with 58" PVC hose and water outlet
- 2-way diverter
- 1/4 turn ceramic disc cartridge
- Water flow restricted to 1.8 gpm for handshower

B717BU



Trim

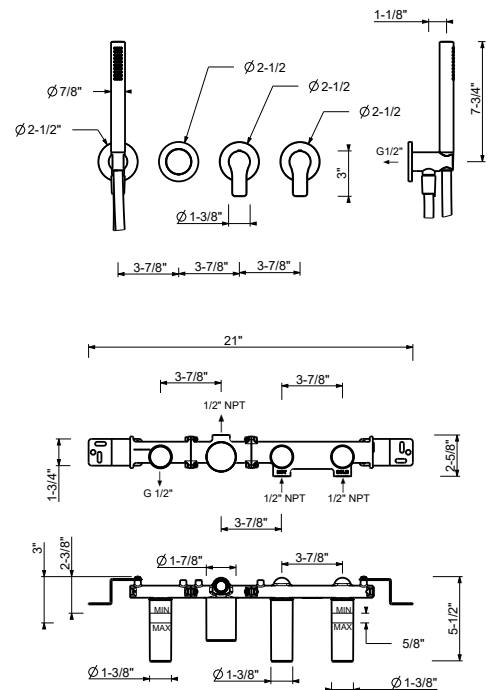
Chrome	26 02 B717BU
Matte Black	26 13 B717BU

R017AU



Rough

44 00 R017AU



B265U

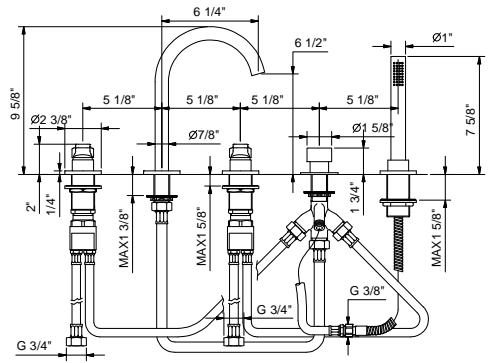
5-Hole Roman tub set

- 6 1/4" spout projection
- Cylindrical handshower with anti-siphon check valve
- 58" metal hose
- 2-way diverter
- 1/4 turn ceramic disc cartridge
- Water flow restricted to 1.8 gpm for handshower
- 6.0 gpm @ 60 psi



Chrome
Matte Black

26 02 B265U
26 13 B265U



B267U

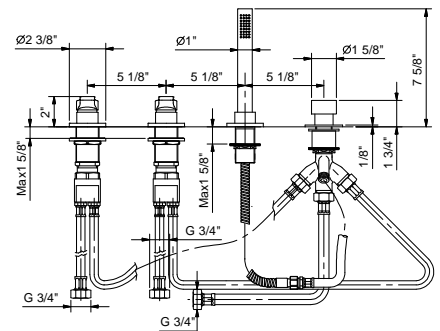
4-Hole Roman tub set

- Without spout
- Cylindrical handshower with anti-siphon check valve
- 58" metal hose
- 2-way diverter
- 1/4 turn ceramic disc cartridge
- Water flow restricted to 1.8 gpm for handshower



Chrome
Matte Black

26 02 B267U
26 13 B267U



Floor-mount single-control tub filler

- 7 7/8" spout projection
- Single control handle for flow and temperature
- FIT handshower
- Handshower holder
- 58" PVC hose
- 1/2" inlets
- Freestanding
- 6.0 gpm @ 60 psi

B080BU

Trim

Chrome
Matte Black

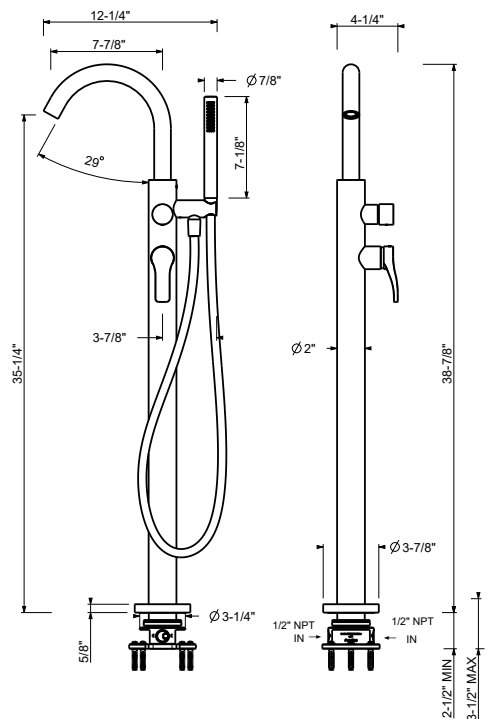
26 02 B080BU
26 13 B080BU



R080AU

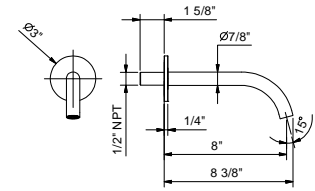
Rough

44 00 R080AU



8308U**Wall-mount tub spout**

- spout projection 20 cm
- 1/2" connection
- Max 6.5 gpm @ 60 psi
- Round backplate
- Integrated aerator



Chrome
Matte Black

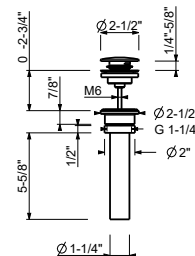
26 02 8308U
26 13 8308U

W095U

1 1/4" Universal Push-up drain

• Compatible for installation on sinks with or without overflow

Complete list of available finishes in the Miscellaneous Articles section.



Chrome
Matte Black

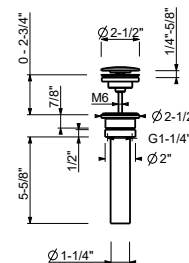
91 02 W095U
91 13 W095U

W097U

1 1/4" Universal Free flow drain (always open)

• Compatible for installation on sinks with or without overflow

Complete list of available finishes in the Miscellaneous Articles section.



Chrome
Matte Black

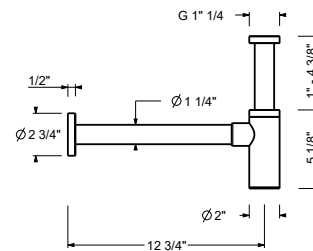
91 02 W097U
91 13 W097U

9234

Bottle Trap

• for washbasin
• 1 1/4" inlet
• 1 1/4" outlet

Complete list of available finishes in the Miscellaneous Articles section.



Chrome
Matte Black

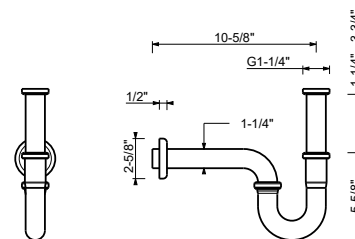
91 02 9234
91 13 9234

W036U

P-trap

• for washbasin
• 1 1/4" inlet
• 1 1/4" outlet

Complete list of available finishes in the Miscellaneous Articles section.



Chrome
Matte Black

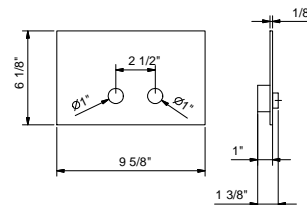
91 02 W036U
91 13 W036U

8402U

Flush actuator plate - Round buttons

- Stainless steel construction
- Projecting push-button controls
- Round push-button controls
- Compatible with GEBERIT models: 111.798.00.1, 111.335.00.5

Complete list of available finishes in the Miscellaneous Articles section.



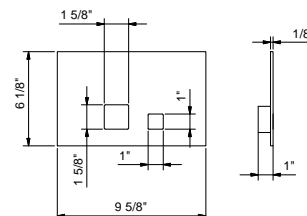
- Polished Stainless steel 91 38 8402U
- Matte Black 91 13 8402U

8403U

Flush actuator plate - Square buttons

- Stainless steel construction
- Flush fit controls
- Square push-button controls
- Compatible with GEBERIT models: 111.798.00.1, 111.335.00.5

Complete list of available finishes in the Miscellaneous Articles section.



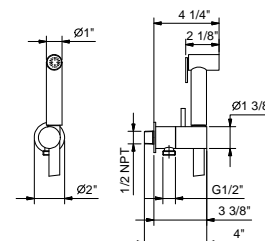
- Polished Stainless steel 91 38 8403U
- Matte Black 91 13 8403U

8486U

Double-function hydrobrush

- For toilet cleaning
- For personal care if used with a shower mixer
- Water plug with shower holder
- Stop valve
- Round backplate
- 47 1/4" Vinyl hose
- 1/2" NPT male connection
- 1.70 GPM @ 60 psi

Complete list of available finishes in the Miscellaneous Articles section.



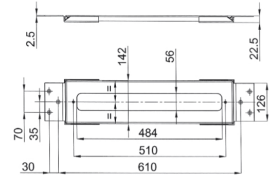
- Chrome 91 02 8486U
- Matte Black 91 13 8486U

9325

Mounting plate for deck-mount bathtub mixer

- screw covers
- mounting plate
- without cover plate

NOTE: To be finished with inspectable cover materials



Chrome

91 02 9325



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