

OMNIRES

## How to create and install a concealed shower or bath system?

Mixers for concealed installation are a popular alternative to the traditional, exposed ones. What makes them different is that they consist of two parts:

- **the concealed part:** the part that connects to the hot and cold water, and remains hidden in the wall
- **the exposed part:** functional elements – such as a mixer's handle or a spout, that – together with a decorative rosette – remain visible

Most OMNIREs mixers for concealed installation include both the concealed and the exposed element (they are "complete"), which is both convenient and reassuring for the customer, as they will definitely match.

In addition to the aesthetic value, concealed systems save space, whilst allowing the user to add any number of water receivers and arrange them completely as desired.

How to get started when fitting a concealed system?

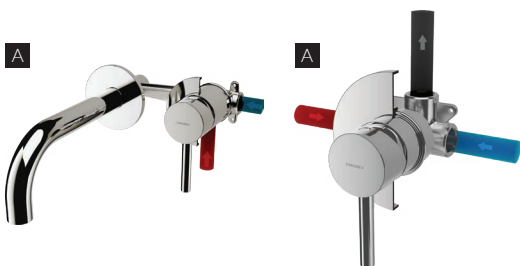
### Step 1. Select the number of water receivers

The first step is to decide on the number of water receivers one wishes to have. These may include shower heads, hand showers, body jets and spouts.

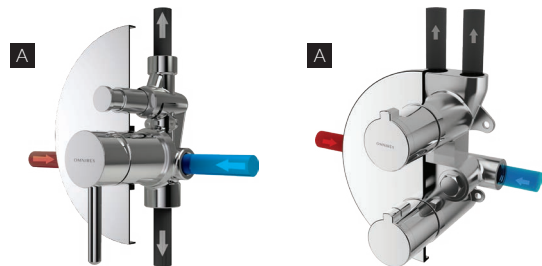
### Step 2. Choosing the correct mixer

The number of receivers chosen for the system corresponds to the number of mixed water outlets needed. One may choose a bath/shower mixer that already has the number of outlets required, or use an additional diverter to create more outlets. It's also important to know which outlet will be paired with which receiver to then check whether water pressure in every diverter will be sufficient.

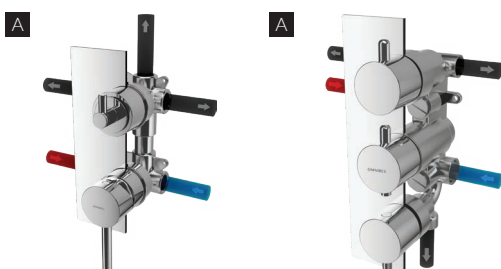
Examples of 1-outlet concealed mixers:  
for systems with one water receiver



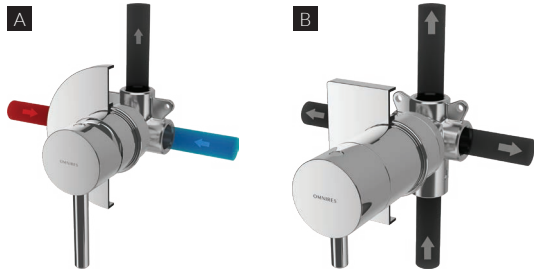
Examples of 2-outlet concealed mixers:  
for systems with two water receivers



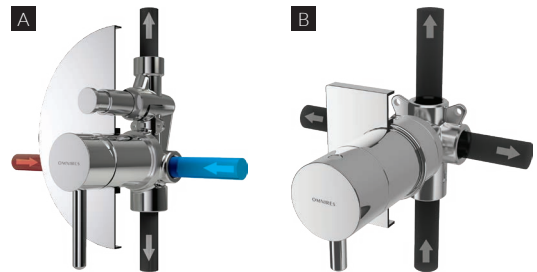
Examples of 3-outlet concealed mixers:  
for systems with three water receivers



Example of pairing a 1-outlet concealed mixer with a 3-outlet diverter: for systems with three water receivers



Example of pairing a 2-outlet concealed mixer with a 3-outlet diverter: for systems with four water receivers

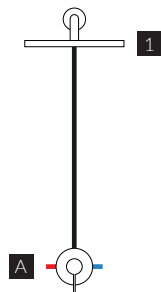


**Step 3. Decide on the configuration**

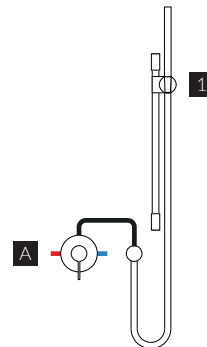
Arrange the mixer and the receivers on the walls in line with your unique requirements. Below examples illustrate the most popular layouts; they range from basic, single-receiver ones to more complex multi-receiver systems.

**Systems with one receiver:**

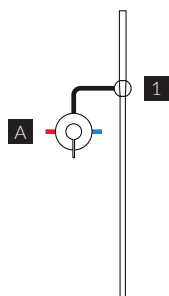
- A 1-outlet concealed mixer
- 1 Shower head



- A 1-outlet concealed mixer
- 1 Shower elbow with a sliding shower set



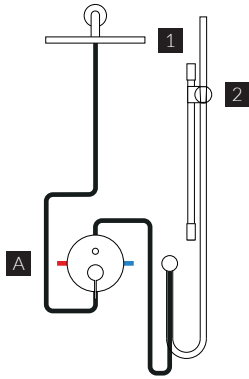
- A 1-outlet concealed mixer
- 1 1 hand shower set



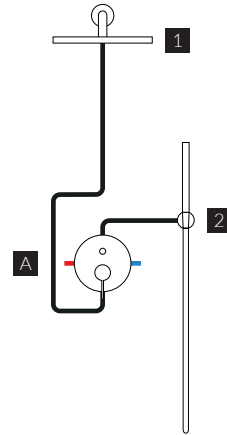
- hot water pipe
- cold water pipe
- mixed water distribution

Systems with two receivers:

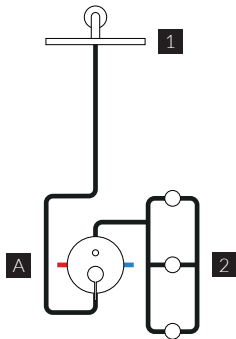
- A** 2-outlet concealed mixer
- 1** Shower head
- 2** Shower elbow with a sliding shower set



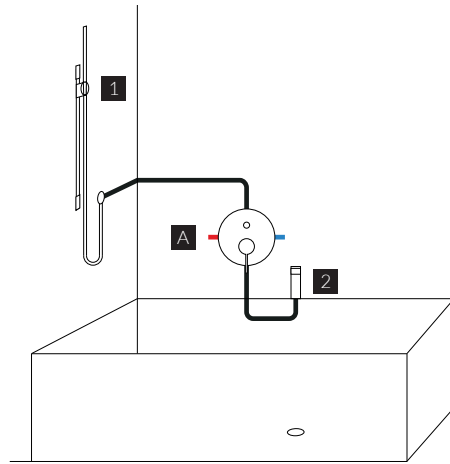
- A** 2-outlet concealed mixer
- 1** Shower head
- 2** Hand shower set



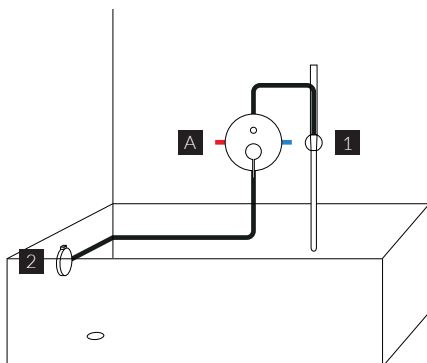
- A** 2-outlet concealed mixer
- 1** Shower head
- 2** Body jets



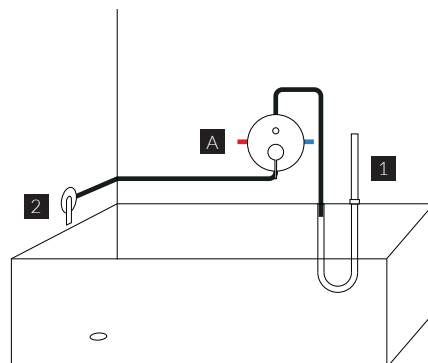
- A** 2-outlet concealed mixer
- 1** Shower elbow with a sliding shower set
- 2** Deck-mounted spout



- A** 2-outlet concealed mixer
- 1** Hand shower set
- 2** Bath filler with pop up waste and overflow

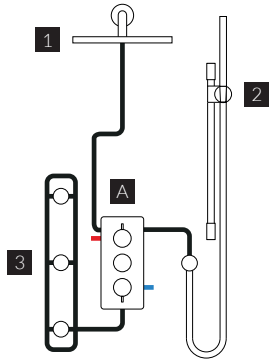


- A** 2-outlet concealed mixer
- 1** Deck-mounted pull out shower set
- 2** Spout

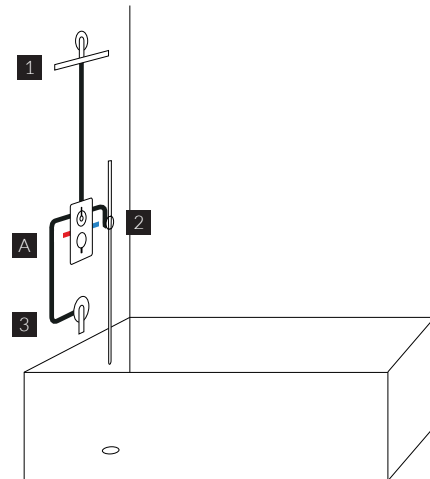


Systems with three receivers:

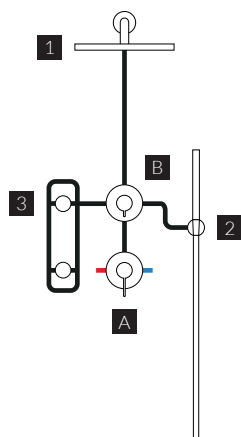
- A** 3-outlet concealed mixer
- 1** Shower head
- 2** Shower elbow with a sliding shower set
- 3** Body jets



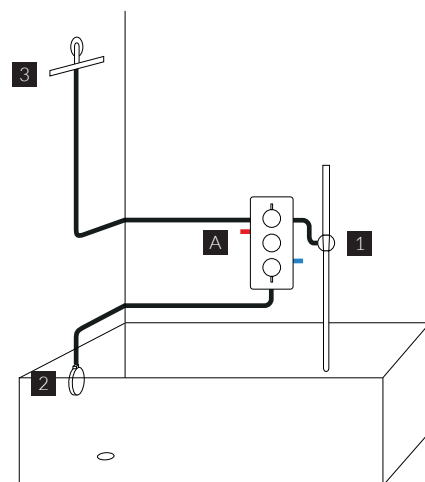
- A** 3-outlet concealed mixer
- 1** Shower head
- 2** Hand shower set
- 3** Spout



- A** 1-outlet concealed mixer
- B** 3-way diverter
- 1** Shower head
- 2** Hand shower set
- 3** Body jets



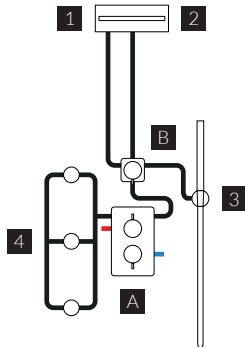
- A** 3-outlet concealed mixer
- 1** Hand shower set
- 2** Bath filler with pop up waste and overflow
- 3** Shower head



— hot water pipe  
— cold water pipe  
— mixed water distribution

System with four receivers:

- A** 2-outlet concealed mixer
- B** 3-way diverter
- 1** 2-function shower head: function 1
- 2** 2-function shower head: function 2
- 3** Hand shower set
- 4** Body jets



- hot water pipe
- cold water pipe
- mixed water distribution

**Step 4: Install**

Start by creating a hole in the wall – just big enough to fit the concealed element of your mixer. Next, create channels in the wall for the mixed water pipes leading from the mixer to all of the water receivers.

Once all of the receivers are connected and the system is tested, the channels may be filled and you may proceed with tiling. It is essential not to place tiles more than 1 cm under a mounted product's rosette.

Pay special attention not to put filler over, or tile over, the valves, switches, or any other plumbing – they will be covered by the exposed part of the mixer/receiver anyway, whilst allowing for easy access in the future, if required.

Finally, once all of the receivers and the exposed part of the mixer are installed, the system is ready to be used and enjoyed.

