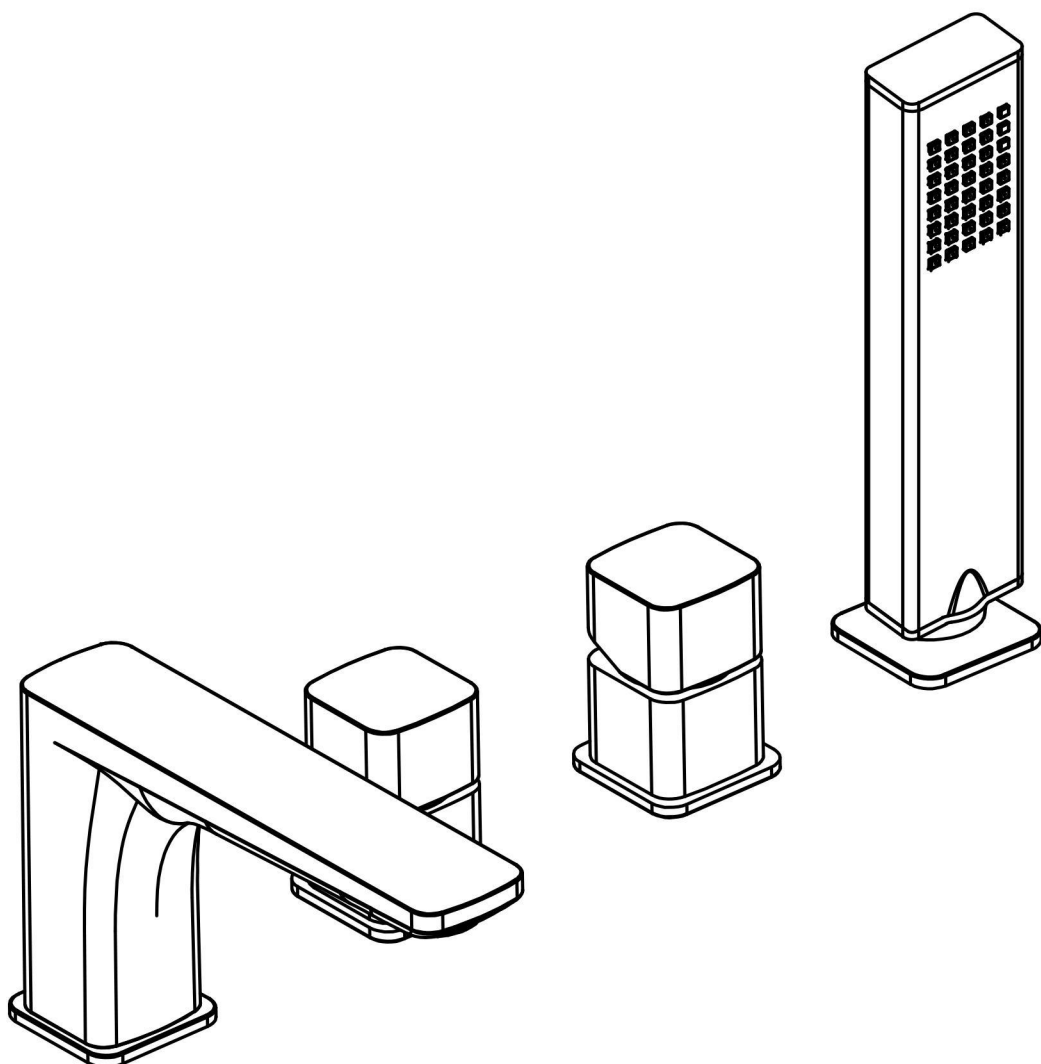


User's Manual



INSTALLATION INSTRUCTIONS

Installation Manual



IAPMO RESEARCH AND TESTING, INC.
5001 East Philadelphia Street, Ontario, California 91761-2816 • USA • 909-472-4100 • 909-472-4244 • www.iapmo.org





CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and operations as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. or the product compliance by Authorized Testing Laboratories.

This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

Effective Date:	December 2019	-Rev. 2/24/2020-	Void After: December 2024
Product:	Flexible Water Connectors		
Issued To:	Fankai Group Inc. Mechanical & Electrical Industrial Zone, Yuhuan County, Yuhuan 317600, ZHEJIANG China		

Identification: Products shall be marked with manufacturer's name or trademark, a statement "For use with water in accessible locations only." The products shall also bear the cUPC® certification mark. Markings shall be by means of either a permanent mark on the product, a label on the product or a tag attached to the product.

Characteristics: Flexible water connectors manufactured in various sizes, lengths and metal and fittings for hot or cold water applications that consist of an inner tube, which may or may not have an outer braided cover. Connectors are to be installed for use in accessible locations only. To be installed in accordance with the manufacturer's instruction, and the latest edition of the Uniform Plumbing Code and National Plumbing Code of Canada.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the



This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any extension of the listing period, shall be subject to the approval of the Product Certification Committee. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any extension of the listing period, shall be subject to the approval of the Product Certification Committee. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any extension of the listing period, shall be subject to the approval of the Product Certification Committee.

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Effective Date:	November 2019	-Rev. 2/24/2020-	Void After: November 2024
Product:	Plumbing Fixture Fittings		
Issued To:	Aqua Gallery Co., Ltd 11th-15th A/D Block International Ceramic Sanitary City, 528000 Foshan, China		

Identification: Plumbing supply fittings complying with this Standard shall be marked with the manufacturer's recognized name, trademark, or other mark or, in the case of private labeling, the name, trademark or other mark of the customer for whom the fitting was manufactured. The marking shall be accomplished by use of a permanent mark or by placing a permanent label on the product. Markings on plumbing supply fittings shall be visible after installation.

Characteristics: Single-handle, single-control, and automatic compensating mixing bath and shower valves shall have identifiable temperature control settings in which the settings are indicated by words ("cold", "warm", "hot", etc.), by numbers, or graphically.

Package shall be marked with the manufacturer's name, trademark, or other mark as well as the model number or, in the case of private



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Effective Date:	March 2019	-Rev. 2/24/2020-	Void After: March 2024
Product:	Plumbing Fixture Fittings - Components		
Issued To:	Ringsha Nanhai Cartridge Technology Co., Ltd. Liaohou Zone, Chongde Fengpu, XIJING 315538 China		

Identification: Each fitting component shall bear permanent legible markings to identify the manufacturer. This marking shall be the trade name, trademark, or other mark known to identify the manufacturer. The product shall also bear all other markings required by the standards. The marking shall be applied so as to be visible after installation. The product or packaging shall also bear the cUPC® certification mark along with the term "COMPONENT" above.

Characteristics: Plumbing fixture fitting components to be installed in accordance with the manufacturer's instructions and the requirements of the latest edition of the Uniform Plumbing Code.

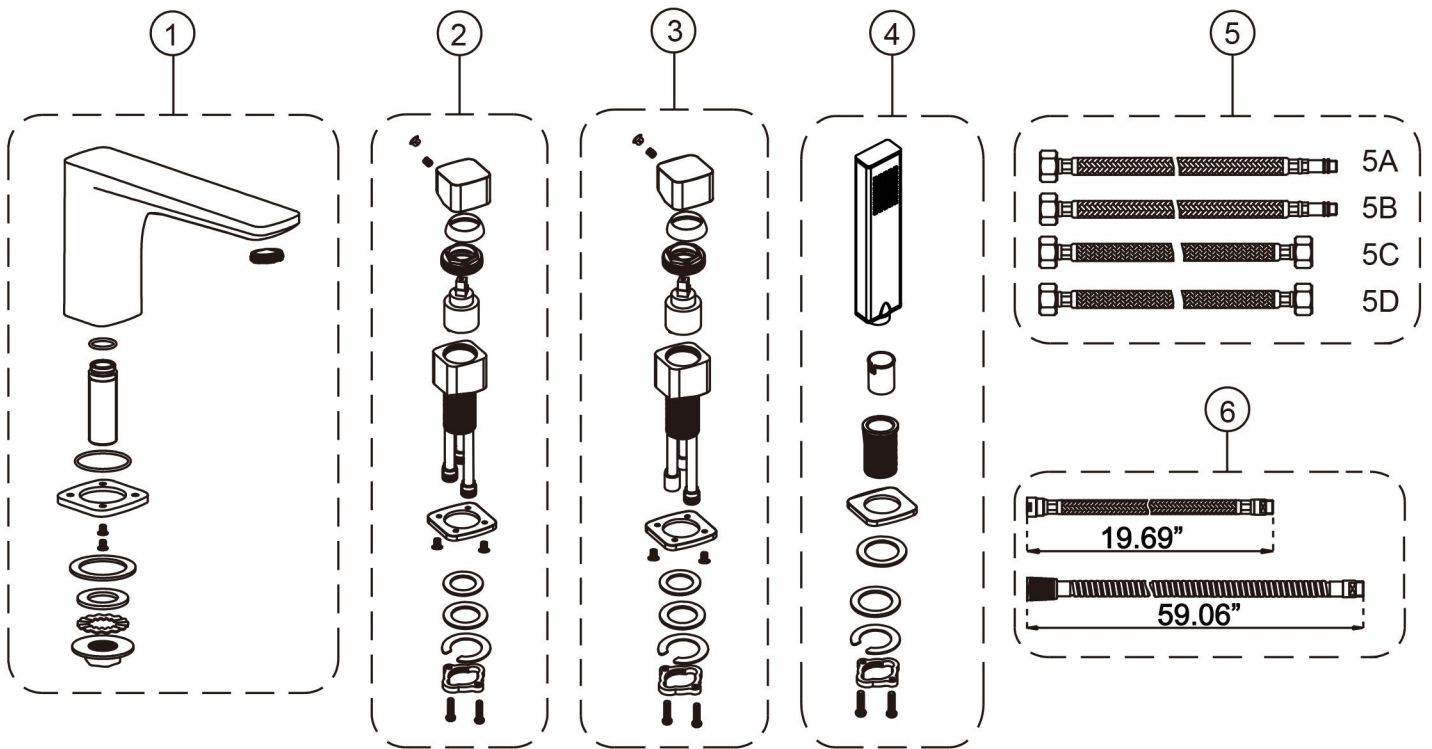
Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the Laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):
Uniform Plumbing Code (UPC®)



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INSTALLATION STEPS

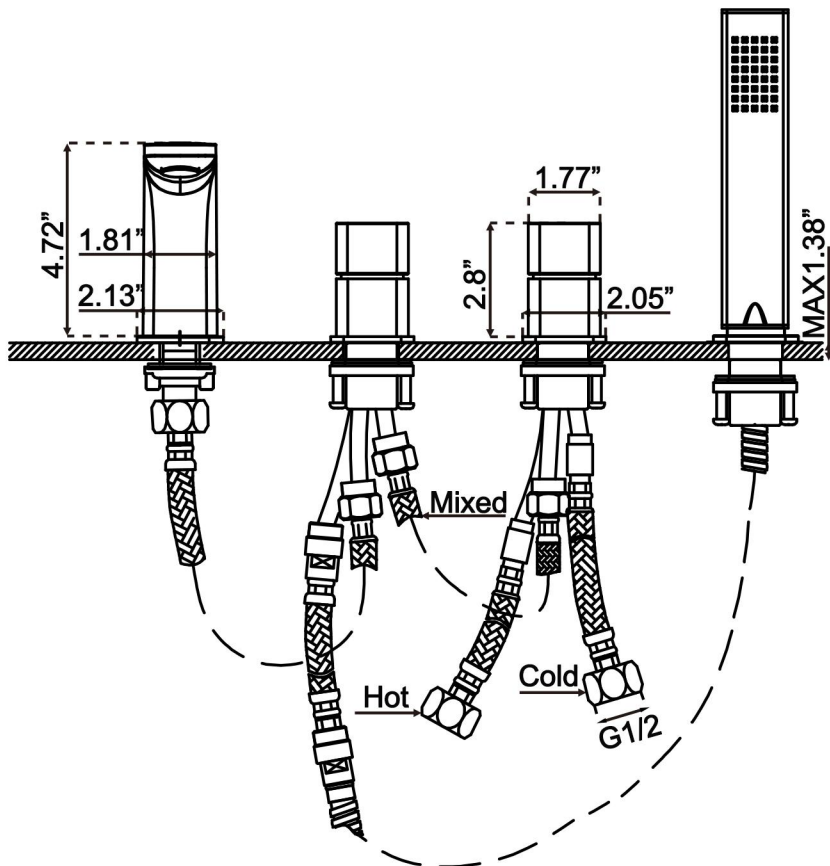


① Spout body
④ Shower hand

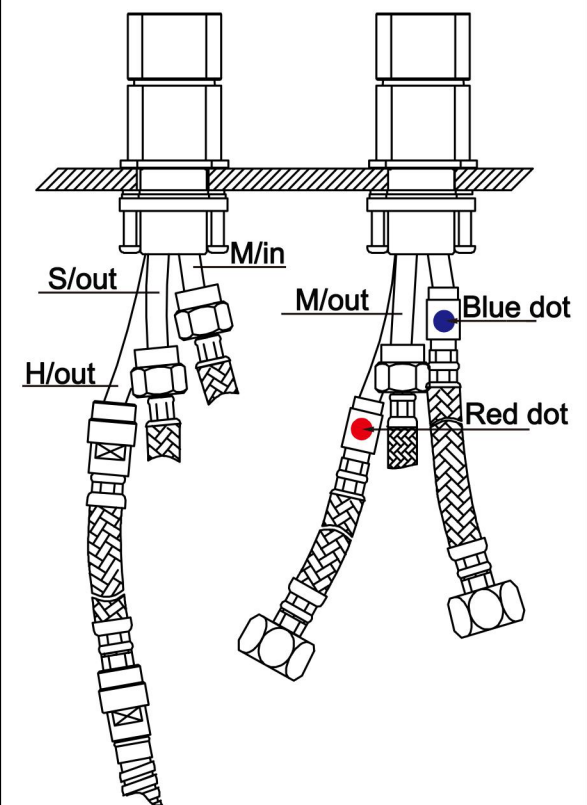
② Diverter
⑤ Connection hoses

③ Water temperature regulation
⑥ Shower hose

Product dimensions



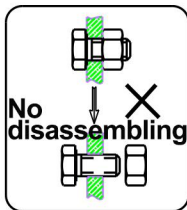
Markings of connections



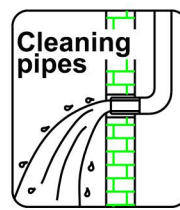
Before preparing for installation check if it is possible to use the mixer in your bathtub (consult with the bathtub manufacturer and installer) – get familiar with the scheme for spreading of holes for the bath mixer, which determines amount of space necessary for installation of the mixer.

INSTALLATION STEPS

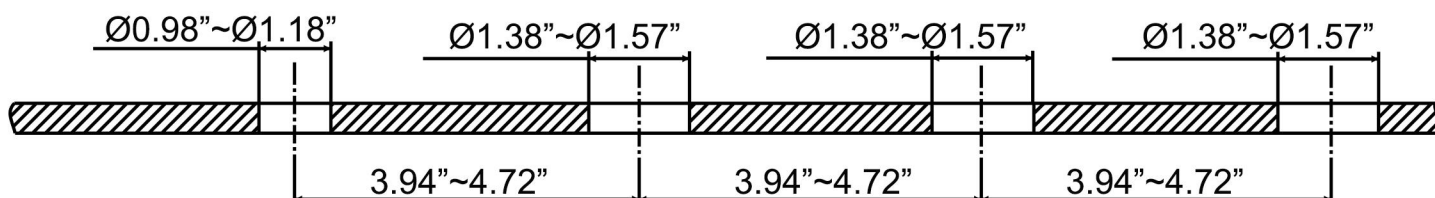
This product has been inspected and debugged by the factory to the best condition. Please do not disassemble and assemble it yourself.



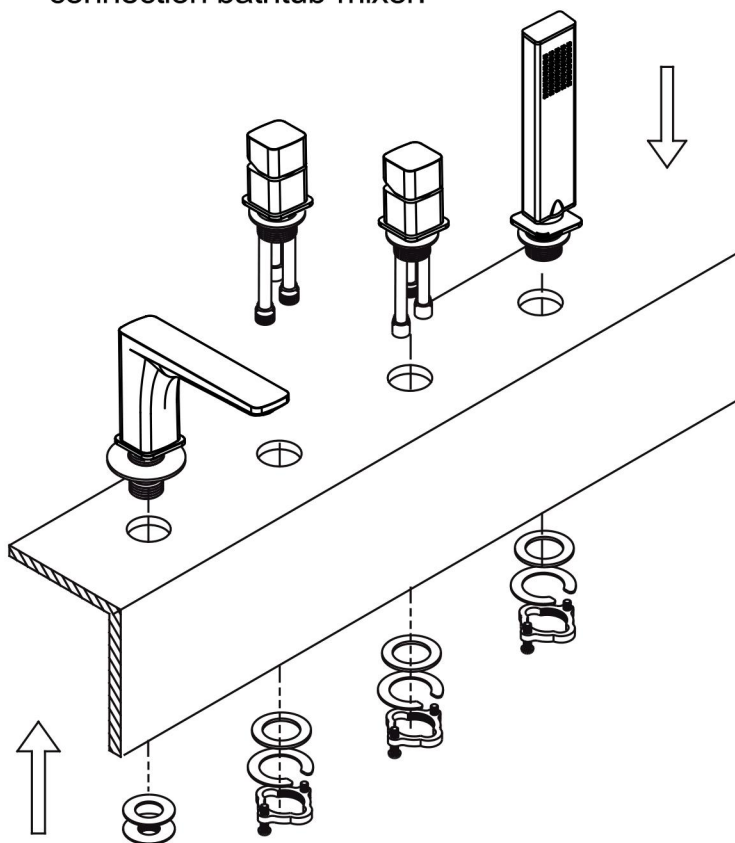
Before installing the product, please be sure to remove sundries and sludge from the water pipe to prevent sundries from blocking the product.



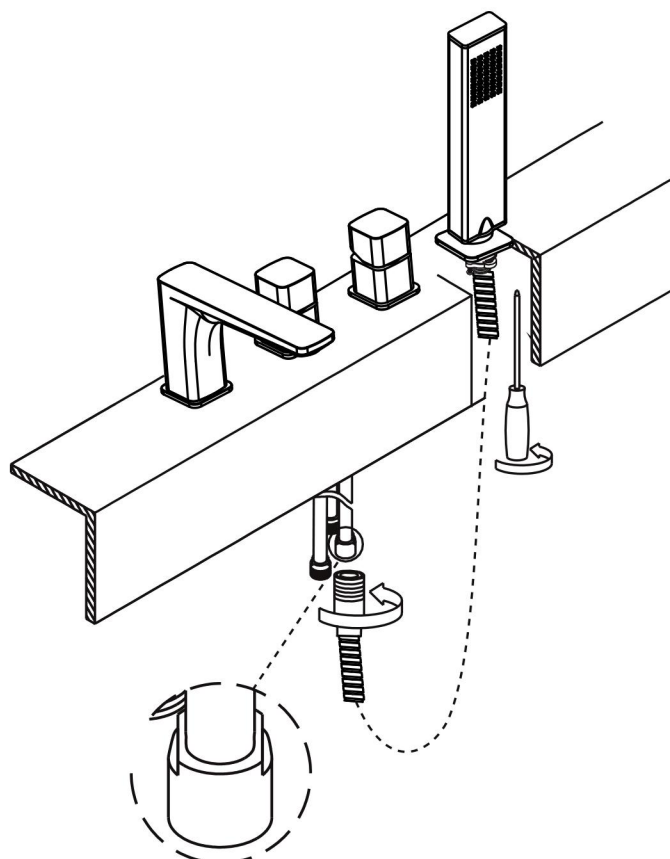
1. Prepare the mounting holes in accordance with the scheme provided below. Remember that in many cases interference with the bathtub structure without the manufacturer's consent results in the loss of the right to make a complaint. Check if your bathtub supplier will make the holes based on your request or use the installer recommended by the manufacturer of bathtub.



2. Prepare bath mixer elements for installation – as shown in the figure divide mounting elements accordingly into bath-mounted and elements mounted under the bathtub. Pay attention to the seals that are to be located under and above the bathtub. This prevents damage to the bathtub and at the same time ensures greater stability and tightness on the connection bathtub-mixer.

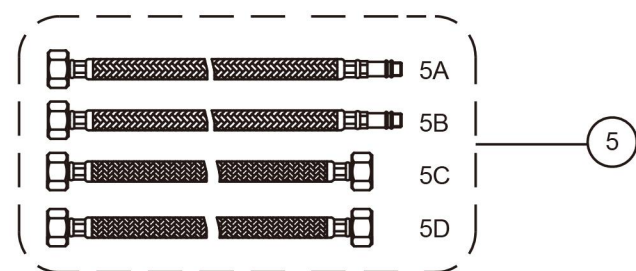


3. Next, place the bath-mounted elements in the holes and tighten the elements under the bathtub, ensuring stabilisation of each element of the mixer. At first tighten the elements by hand, and then tighten the screws using a screwdriver. Remember that excessive force may damage the bathtub, therefore it is necessary to take special care. Then lead the shower hose with ballast through an appropriate hole (as shown in the scheme), screw the shower hose in the switch element (marked with H) and over the bathtub into the hand shower. (hose no. 6)

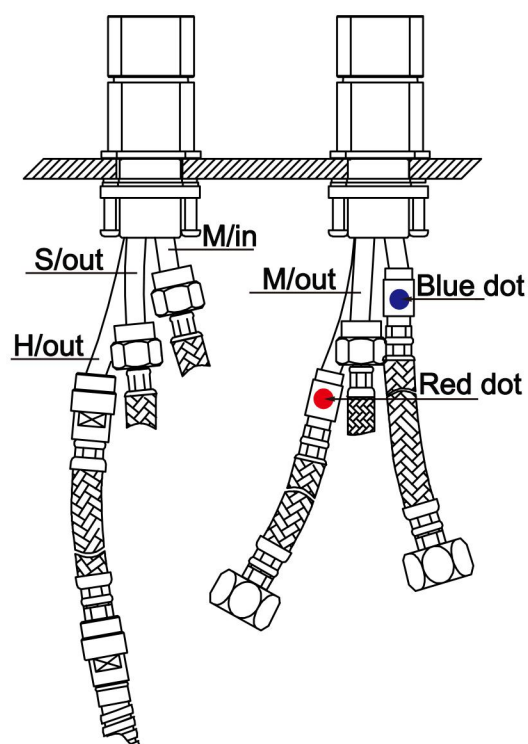


INSTALLATION STEPS

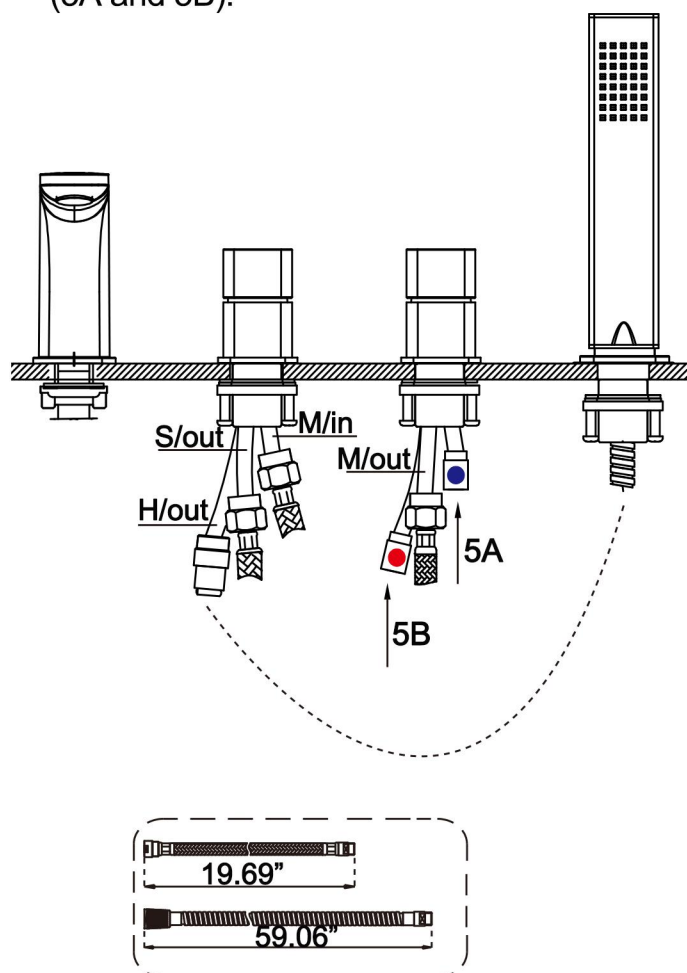
4. Using the above-mentioned scheme connect all the elements by hoses included in the set.



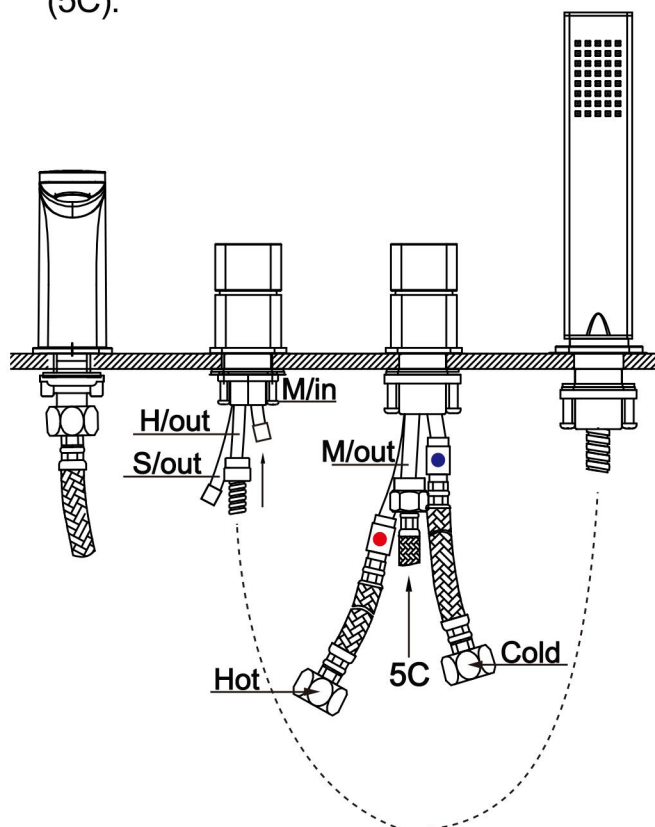
5A (blue dot - cold water supply)
5B (red dot - hot water supply)
5C (M/out - M/in)
5D (S/out - spout)
6 (H/out - shower hand)



4.(1). Water supply is the connection 1/2, hot and cold water are marked with red and blue colour, respectively. Hoses are equipped with caps at one end and are screwed into the body at the other end (5A and 5B).

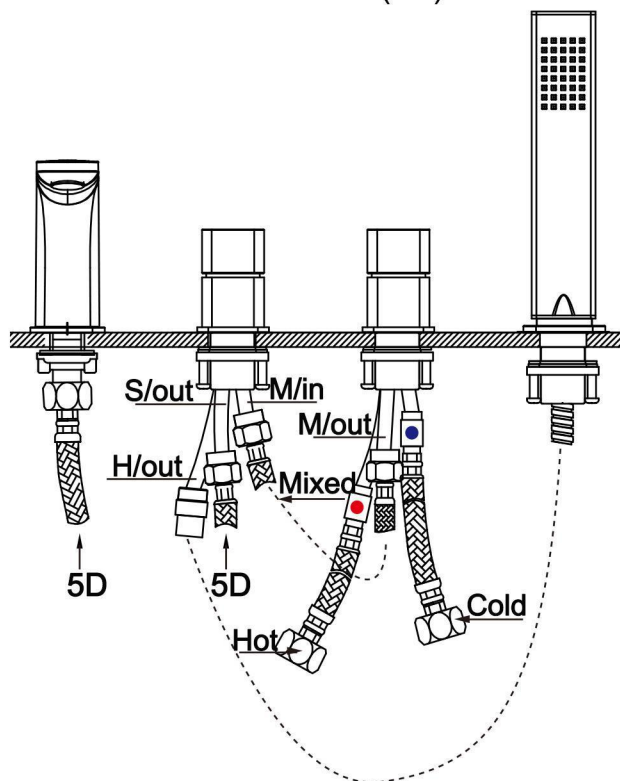


4.(2). By turn take the hose with two caps, which is used to connect hot and cold water adjustment with the switch. M/in denotes water inlet, M/out denotes water outlet. Connect properly as shown in the scheme. Designation of connection to the switch M (5C).

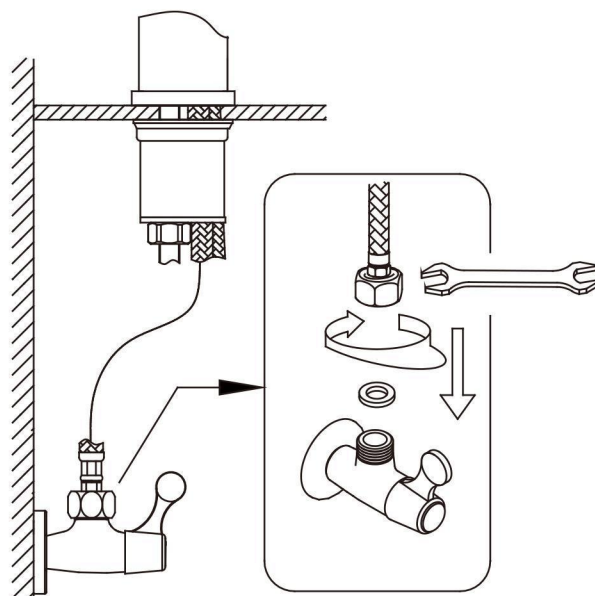


INSTALLATION STEPS

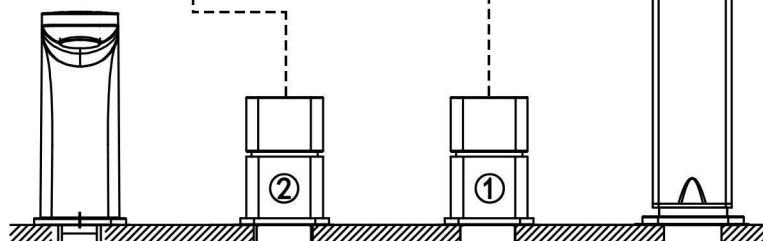
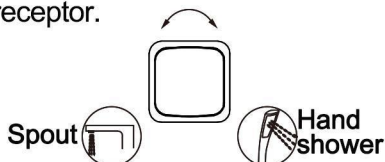
4.(3). Use the last connecting hose to connect the switch and the bath spout. Designation of connection to the switch S (5D)



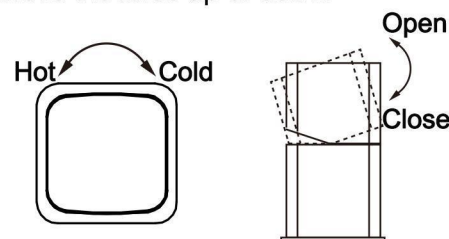
5. Prepare connection of the hot and cold heating water (1/2"), rinse the water heating system before the connection and use water filters. Tighten the 5A and 5B hoses. Check tightness of the connection and of the bath mixer.



② Water receptor adjustment – knob no. 2 Move the knob left or right choosing appropriate receptor.



① Temperature and water pressure adjustment – knob no. 1 Temperature: move the knob left or right to control water temperature Pressure: move the knob up or down.



CLEANING CARE

In order to keep the appearance of product clean, bright and good performance, please take care of the product as follows;

1. Rinse with water only and dry with soft cotton cloth;
2. Use mild liquid and colorless glass cleaner to remove surface dirt and scale film, or use polish without abrasive effect;
3. Do not use abrasive detergent, polish, emery cloth, paper towel or scraper, etc;
4. Do not use acid cleaner, or cleaner and soap with insoluble gran etc;
5. In the process of use, mud may accumulate in the bubbler and make the water flow show, The bubbler can be unscrewed, rinsed with water, and then installed back in place.



