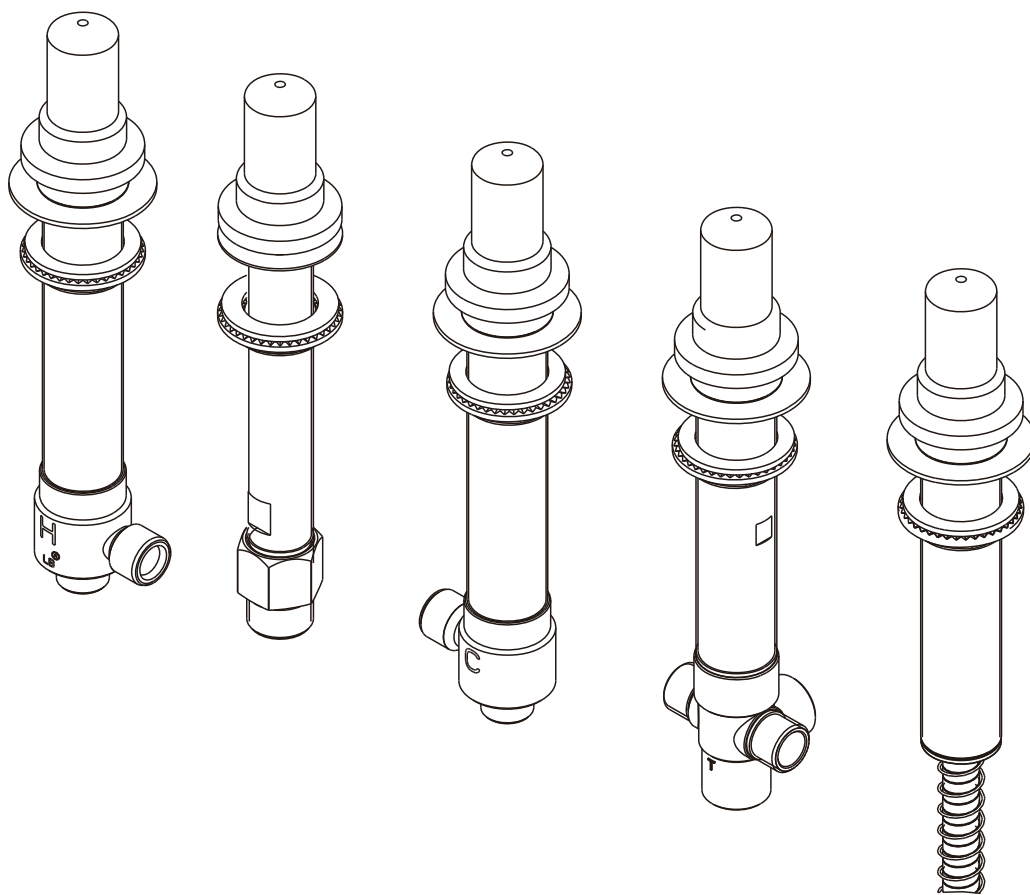


INSTALLATION INSTRUCTIONS



5-HOLE TUB FILLER ROUGH-IN VALVE

PRODUCT INFORMATION

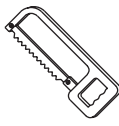
TOOLS



Groove Joint Pliers



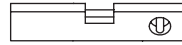
Adjustable Wrench



Hacksaw



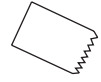
Phillips
Screwdriver



Level



Pipe Tape



Spatula

MAINTENANCE

- Your new product is designed for years of trouble-free performance.
- Keep it looking new by cleaning it periodically with a soft cloth. Avoid abrasive cleaners, wire wool and harsh chemicals as these will dull the finish and void your warranty.

IMPORTANT POINTS

- Prior to beginning installation, turn off the cold and hot water lines. If applicable, open the existing valve to release built-up pressure.
- Overtightening nuts may cause damage.
- Wrap all threaded connections with pipe tape available at your local plumbing supply store. Always wrap in clockwise direction. The fittings should be installed by a state licensed plumber.
- Note: When there is a difference in water pressure between hot and cold supplies to the mixing valve, the pressures should be equalized by a plumber in accordance with best practice and legislation.
- Note: This product is designed to function as part of the water system at a supply pressure between 140 and 860 kPa (20 and 125 psi). The leakage test to the water system should be carried out using water as this product contains the components are specifically designed for water, for which the viscosity and surface tension are much greater comparing to air or gas, both of these are unique forces that resist the tendency of water to flow, particularly through a small opening, however at the same condition the air or gas might be able to escape through. In the exceptional circumstances should pneumatic pressure testing using compressed inert gas or air be used, the pressure should be equal or less than 3bar. Conducting the pneumatic pressure test at a higher pressure can be very hazardous not only to the person who does the test, but also to the product itself or the users. Due to the air or gas is very compressible, the same pressure of compressed air or gas contains much more energy than the liquid therefore should a joint, pipe, or any other component fail under test pressure when using compressed air or gas, the energy can be released with dangerous force to human or damaging the system.

SAFETY TIPS

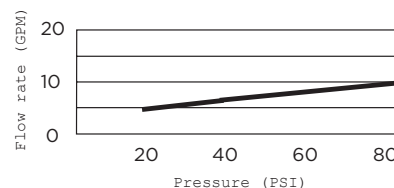
- If you are soldering during faucet installation, remove cartridges, seats, gaskets and washers prior to applying flame, otherwise you will void the warranty.
- When cutting or soldering pipe, use safety glasses to protect your eyes.
- Cover drain openings to avoid losing small parts.

CODES/STANDARDS

- Certifications: IAPMO(cUPC)



FLOW RATE



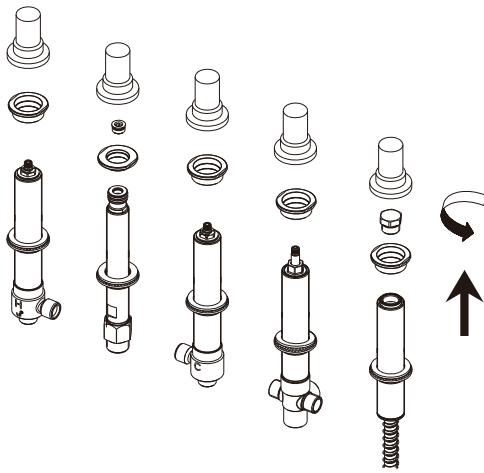
PLEASE NOTE: Final achievable flow rate is dependent on the outlets fitted, see relevant outlets (spouts, rose, sprays) for assembled product flow rate.

INSTALLATION METHOD

STEPS 1-3

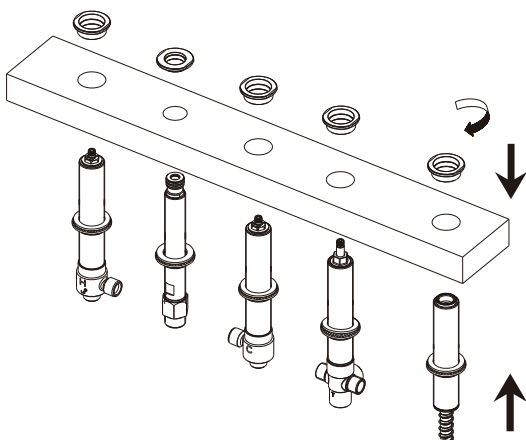
We always recommend that plumbing products be installed by a licensed professional.

1.



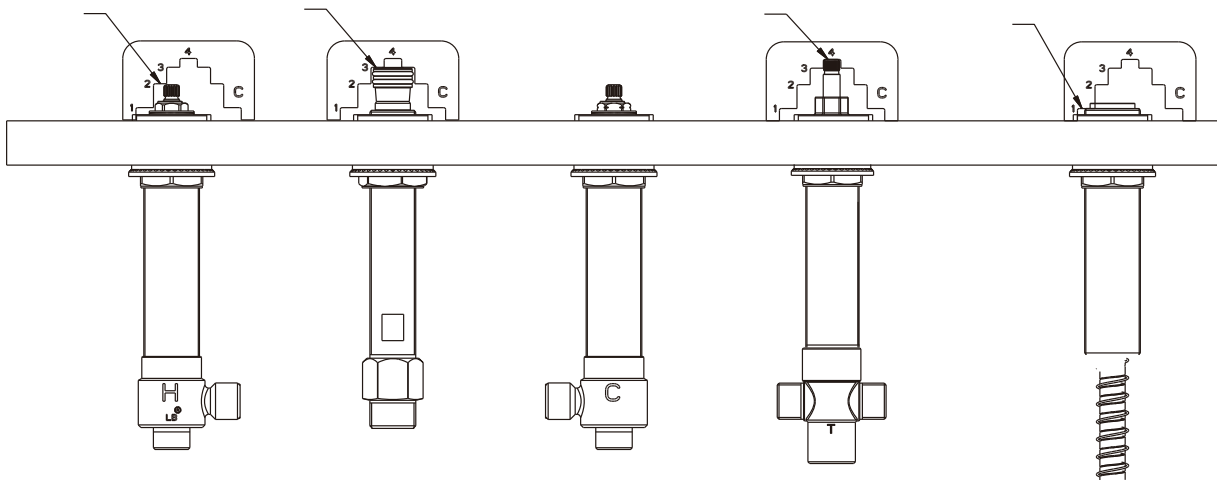
Remove the protective bubble bag, cap, top mounting nut from body assembly, and remove plug from spout tube assembly and shower hose top.

2.



Install the body through mounting hole from below and attach top mounting nut from top.

3.



INSTALLATION METHOD

STEPS 3-5

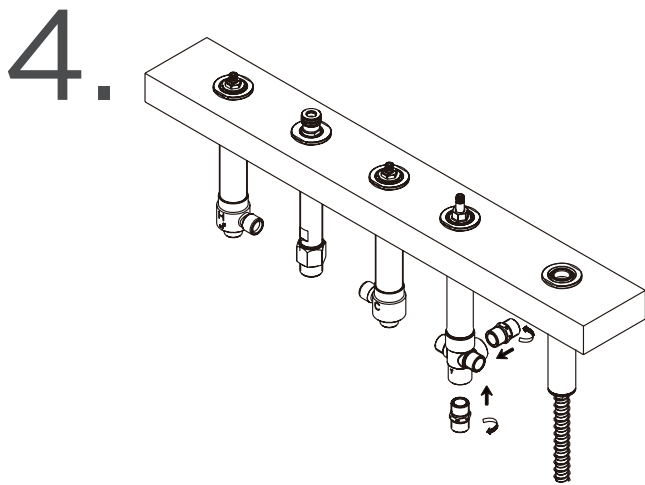
We always recommend that plumbing products be installed by a licensed professional.

Adjust position of the bodies relying on specific gauge (A, B, C) supplied as the figure indicated to make sure they can fit with the trim in various ranges. After that, tighten fixing nuts from below by wrench.

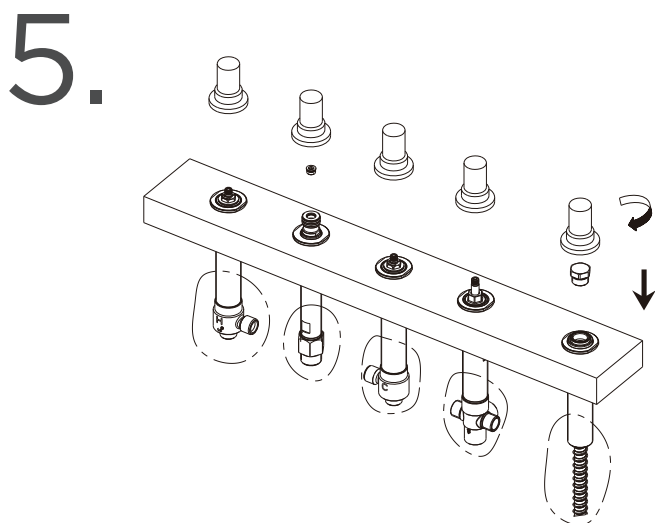
Gauge A (027105) for M2-2200, M2-2201, M2-2210, M2-2211,
CRO-12800, CRO-12700, CRO-12801, CRO-12701

Gauge B (027104) for K1-2200, K1-2201, GWA-12800, GWA-12700,
X1-1056, ZEN-12700

Gauge C (027107) for M1-2200, M1-2201, M1-2204, M1-2205,
ZEL-12800, ZEL-12700, ZEL-12801, ZEL-12701, EMI-11400,
REE-11400



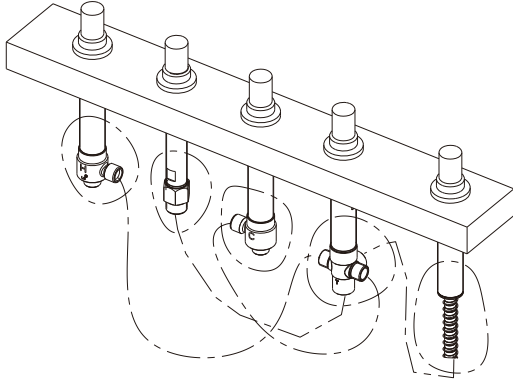
Attach the adaptors included to two outlets on the diverter shank.



Replace the protective bubble bag, body and spout protective caps/ plugs and shower hose top to prevent dirt ingress or water leakage during construction.

We always recommend that plumbing products be installed by a licensed professional.

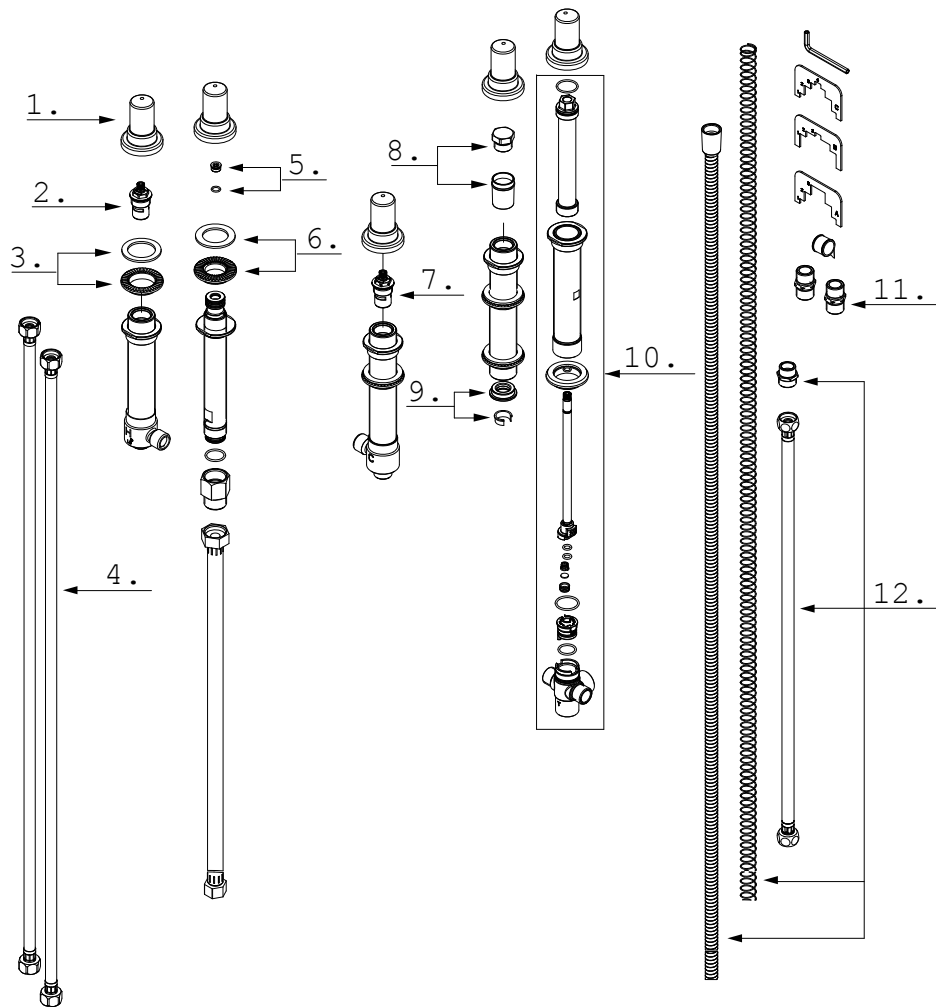
6.



Connect inlet and outlet with flexible hoses.

Warning! When installing flexible hose, please notice:

1. There should be no torsion or deformation or full stop.
2. Do not fold into a V or L shape.
3. Do not use if there is any crack or deformation.



- | | |
|----------------------------------|--------------------------------------|
| 1. Protective Cap (A038103) | 7. Cartridge - Cold (A507724-50) |
| 2. Cartridge - Hot (A507725-50) | 8. Holster Insert (A663A76) |
| 3. Mounting Hardware (A663484) | 9. Holster Bottom Ring (A663A77) |
| 4. Supply Hose (PR) (A105694NCP) | 10. Diverter Body Assembly (A661521) |
| 5. Plug Assembly (A663A75) | 11. Adaptor (PR) (A608211) |
| 6. Mounting Hardware (A603236) | 12. Hose Assembly (A664291) |

