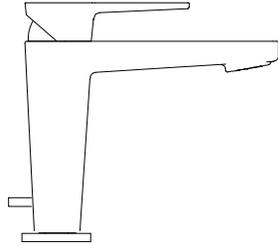
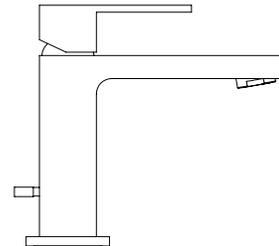


Please read the instructions completely before beginning the installation.

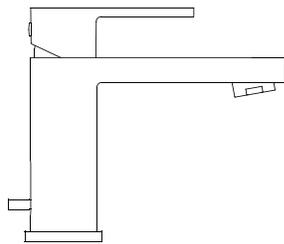
Ebis Collection
Model Number: 3780HY



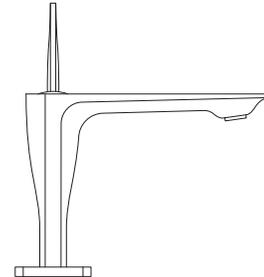
Metra Collection
Model Number: 2480MD



Bravo Collection
Model Number: 6680BO



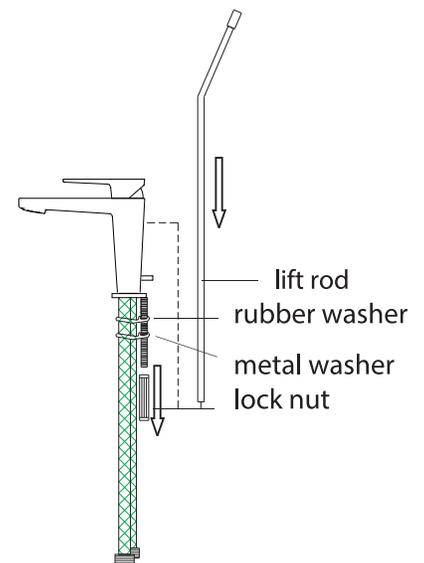
Element Collection
Model Number: 3880JS
Model Number: 3881JS



Flush both supply lines before installation, then shut off both supply lines.
Minimum hole size for the spout and handle trim is 1-1/4" and maximum of 1-1/2"

SPOUT INSTALLATION

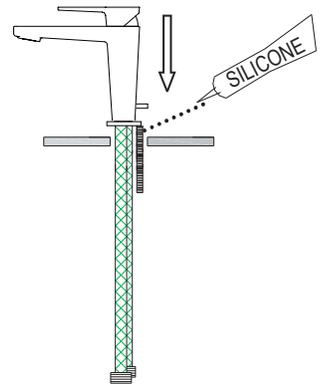
- 1 Remove fastening nut, metal washer and rubber washer from spout assembly. Insert the lift rod into the fixture.



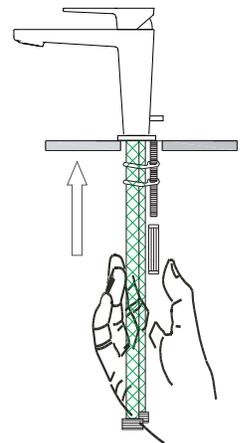
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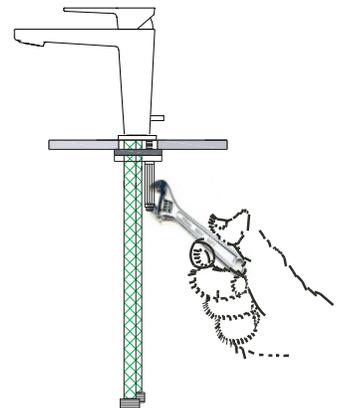
- 2** Apply a ring of silicone caulking around hole designated for spout. **DO NOT USE PLUMBERS' PUTTY WHICH CAN DAMAGE FINISH.** Insert faucet assembly through hole in sink or counter top, being sure to center faucet in hole.



- 3** Reinstall rubber gasket and metal washer from below. Hand tighten fastening nut from below while aligning fixture.



- 4** Secure fixture from below by using either an adjustable wrench, basin wrench, or deep socket to the lock nut. Wipe away excess silicone with a wet finger or damp cloth. Connect flexible hoses to their respective water supplies.



NOTE: FLUSH THE LINES

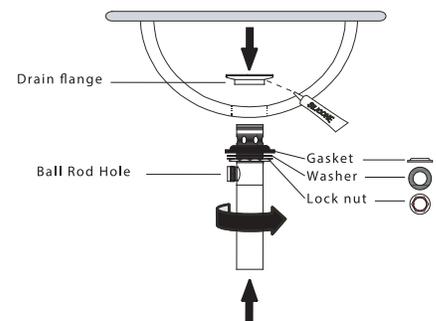
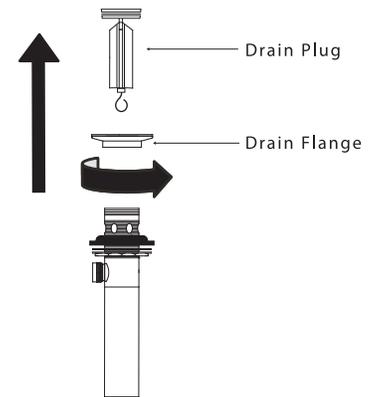
Debris in the line will damage fixture and cause leaking. Failure to flush fixture could result in voiding the warranty. After all the connections have been made to the inlet supplies, remove the aerator. Open both hot and cold valve. Slowly open the handle lever and flush the lines for approximately 45 seconds. Turn off the water and reinsert aerator.

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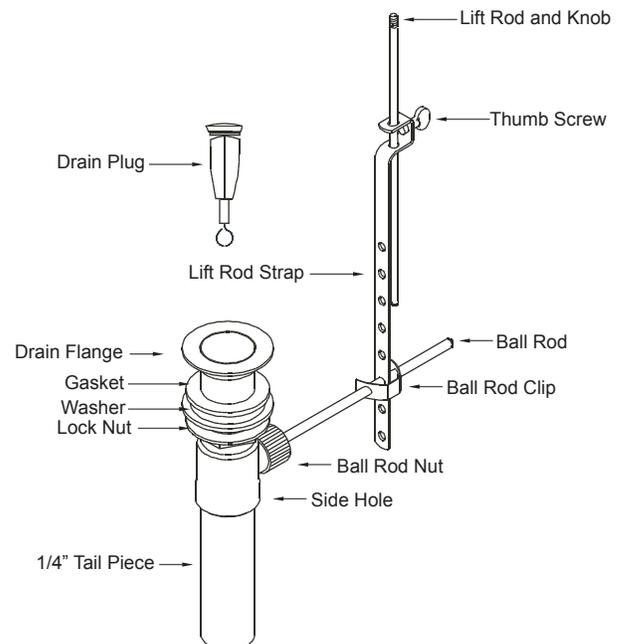
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POP-UP INSTALLATION

- 1 Remove the decorative drain flange, drain plug and gasket from pop-up assembly. Do not remove the washer and lock nut.
- 2 Place the flange gasket onto the drain tube beveled side upward and on top of the washer. Apply a ring of silicon caulking around the top of sink drain opening. Do not use plumbers' putty.
- 3 Insert the threaded end of the assembly up from the under the sink so that the top of the drain tube is through the drain opening. Make sure the bottom of the drain tube is in the p-trap.
- 4 Completely thread the drain flange onto the top of the drain tube. Hand tighten the locknut from under the sink.
- 5 Position the drain tube so the side hole in the pop-up faces you. Place the drain plug into the drain tube so its bottom hole is in line with the side hole of the drain tube. Place the short end of the ball rod into the side hole of the drain tube and through the hole in the drain plug and tighten the ball rod nut so the ball rod moves freely.
NOTE: Do not over tighten.
- 6 Rotate the pop-up so the ball rod faces the back wall and tighten the lock nut giving it an extra 1/4 turn. Hand tighten the nut at the connection with P-trap. Test the rod and pop-up plug by pushing the ball rod up and down to see if it raises and lowers the pop-up. If not reinstall the ball rod.



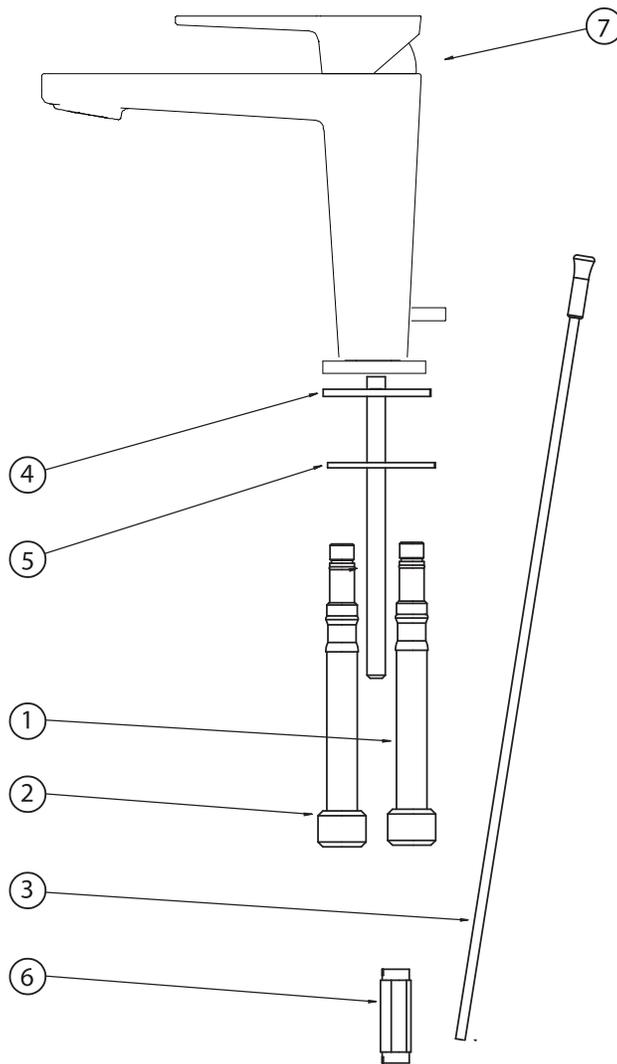
- 7 Slip your faucet's pop-up lift rod through the holes at the top of the lift rod strap and hand tighten the thumb screw. Push the ball rod down so the drain plug is in the up position. Slip the one leg of the ball rod clip onto the ball rod and then slide the lift rod strap onto the ball rod using the nearest hole. Then slide the second leg of the clip onto the rod. Test the pop-up for smooth operation and adjust the strap if necessary.



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PARTS DRAWING

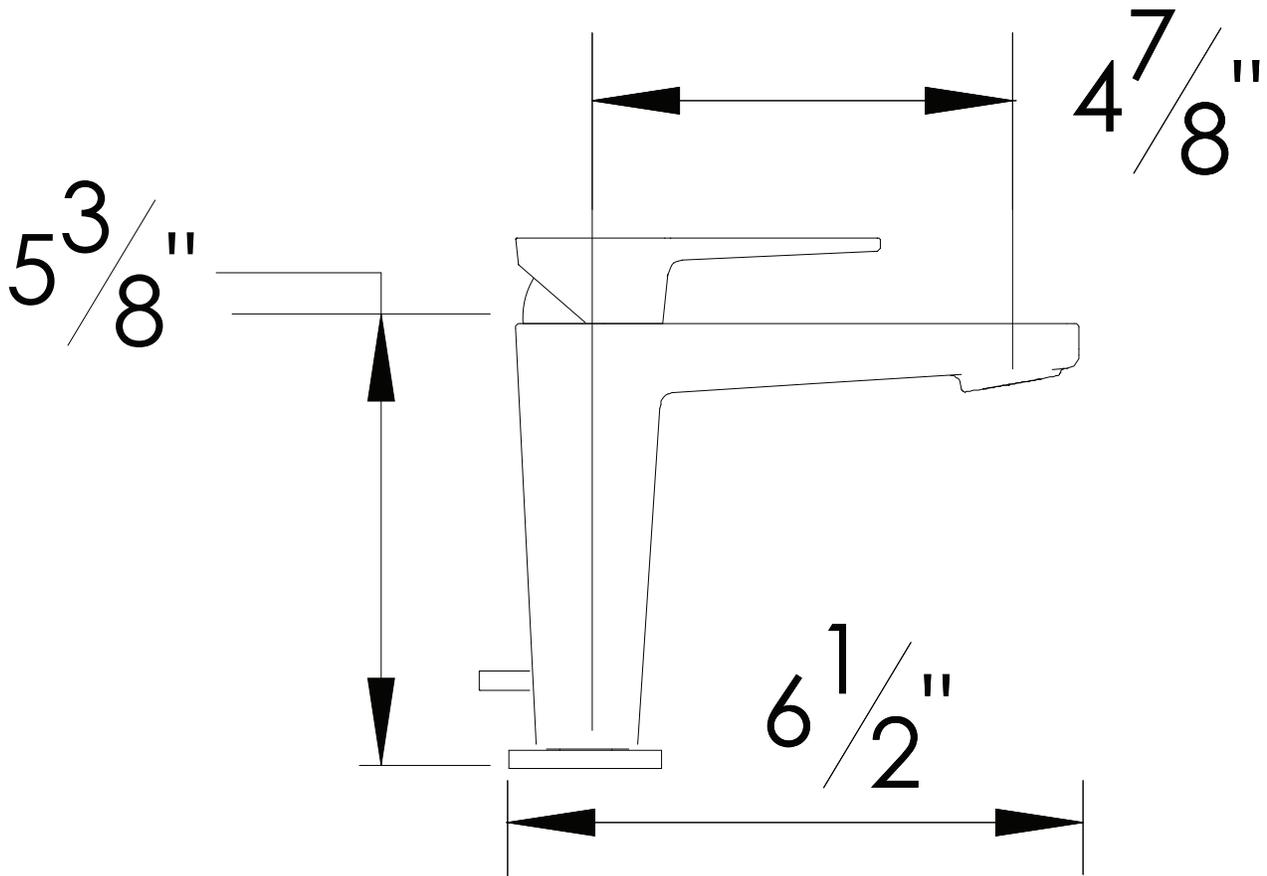


#	PART DESCRIPTION	PART #
1	Flexible Hose - Cold	K1321
2	Flexible Hose - Hot	K1322
3	Lift Rod	P0234
4	Rubber Pad	P0803
5	Pad	P0804
6	Lock Nut	PM-383
7	25mm Control Cartridge	P0356
8	Complete Single Control Spout	PS-600-U

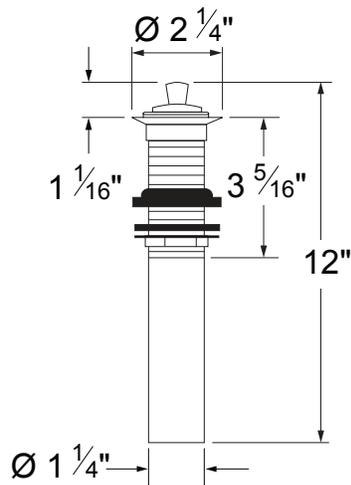
* Please specify the finish when ordering the part.

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POP-UP



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FINISH CARE INFORMATION

WARNING: Do not clean your SANTEC product with ammonia (Window cleaner), bleach, soap, acids, abrasives, harsh polish, harsh cleaners, a coarse surfaced cloth, coarse sponge, or any type of scouring pad. Doing so may ruin your faucet finish and/or void the warranty.

Thank you for making SANTEC a part of your lifestyle and luxury spa experience. Our products have been created as works of enduring quality and sophisticated design.

Luxurious finishes need proper care and attention, so in order to understand how to properly clean your distinctive luxury finish, please refer to the finish care information below:

Your SANTEC product can be identified in one of two categories: clear coated finishes or non-clear coated finishes. Clear coated finishes are more scratch-sensitive and are more reactant to harsh cleaning chemicals than non-clear coated finishes. Once you have identified the specific luxury finish of your SANTEC product, please follow the important corresponding care instructions.

CLEAR COATED FINISHES

We recommend that all faucets, drains, etc., be gently wiped dry with a soft cloth after use to avoid water spotting and water deposit build-up. A mild liquid hand soap may be used occasionally if desired. Use of a non-abrasive carnauba wax will add protection to the finish and should be used if the faucets will not be dried after use. For clear coated finishes, it is recommended to clean your product weekly with a soft moist cloth.

NON-CLEAR COATED FINISHES

We recommend that all faucets, drains, etc., be gently wiped dry with a soft cloth after use to avoid water spotting and water deposit build-up. A mild liquid hand soap may be used occasionally if desired. Use of a non-abrasive carnauba wax is occasionally required and will add protection to the finish if the faucets will not be dried after use.

TO OBTAIN WARRANTY SERVICE

Please read 'WHAT IS COVERED BY OUR WARRANTY' and 'EXCLUSIONS AND LIMITATIONS OF WARRANTY' sections to understand what is and what is not covered. Please have ready the proof of purchase (original sales receipt), description of the problem, and carefully package the product or defective part with postage prepaid. Then, please contact your local SANTEC Showroom or write to SANTEC Technical Services.

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LIFETIME LIMITED WARRANTY

SANTEC is committed to enhancing your bathroom experience by creating luxury products that will provide enduring satisfaction. Every effort has been made to satisfy the highest standards of design and production, to create lasting peace of mind for our customers. We provide the following limited warranties on our products:

LENGTH OF WARRANTY & WHO IS COVERED BY OUR WARRANTY

This warranty extends to the original consumer purchaser only and extends for as long as the original purchaser owns the product and the home in which the product is installed.

WHAT IS COVERED BY OUR WARRANTY

1. **FINISHES:** SANTEC Polished Chrome, Polished Nickel and Satin Nickel finishes carry a Lifetime Limited warranty against manufacturing defects and tarnish to the original purchaser. All other finishes carry a ten (10) year limited warranty against manufacturing defects and tarnish to the original purchaser only.
2. **CARTRIDGES:** Santec cartridges carry a lifetime limited warranty, with the exception of thermostatic and pressure balanced cartridges, which carry a three (3) year limited warranty against manufacturing defects to the original purchaser.
3. **PARTS:** Santec parts carry a 10-year limited warranty against manufacturing defects, to the original purchaser.

EXCLUSIONS & LIMITATIONS OF WARRANTY

This warranty does not cover:

1. Damage due to negligence, accident, abuse, improper installation, or improper maintenance such as, but not limited to: heat from soldering during installation, the use of plumber's putty, damage from tools used during installation, the use or exposure to chemicals or cleaning products either abrasive or non-abrasive, or the use of any cleaning tool or product other than a soft, clean cloth. Reverse osmosis may also shorten the life of the finish.
2. Changes in the finish or in the product due to normal wear or aging does not cover any products or parts which have been altered or used in a manner not typical for the product.
3. Loss, damages, or expense, incidental or consequential whatsoever, originating from the purchase, installation, use, repair, failure, or replacement of any SANTEC product or part, allowed by law.
4. Commercial and/or Industrial installations and use of the product.
5. This warranty does not include labor, travel charges, or any costs incurred for repair, removal, installation, servicing, diagnosing, or handling of either defective or replacement parts.
6. Damage or deterioration caused by environmental impacts.

SANTEC reserves the product components of the covered product will be repaired, refinished, or replaced at the sole discretion of SANTEC. SANTEC reserves the right to examine any product claimed defective prior to any warranty claim being accepted or processed, at its sole discretion. This warranty gives you specific legal rights and you may have other rights which may vary from state to state.

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