



## LIMITED LIFETIME WARRANTY

Compass Manufacturing International warrants to the original consumer purchaser that the faucet be free from defects in material and workmanship for as long as the original consumer purchaser owns the home in which the faucet was first installed.

In the event that Freendo Faucets are used in a Commercial Application, this warranty is limited for a period of 5 years, unless otherwise specifically stated in the catalog and/or price book.

Compass Manufacturing International will replace, free of charge, during the applicable warranty period, any part or finish that proves defective in material and/or workmanship under normal installation, use and service. This warranty shall not apply to goods which have been subject to accidents, negligence or improper installation. Compass Manufacturing International will not be liable for other damages or losses, including, but not limited to: labor charges and/or damages incurred in installation, repair or replacement as well as any other kind of loss or damage. Proof of purchase from the original consumer purchaser must be made available for all warranty claims.

Compass Manufacturing International recommends using a professional plumber for all installation and repair. Compass Manufacturing International will, at its discretion, provide new or equivalent replacement parts for any product that proves to be defective under normal usage and service. Replacement parts may be obtained by emailing the address below, calling the number below or by writing to:

**Compass Manufacturing International**  
Freendo Product Service  
6702 Enterprise Drive  
Louisville, KY 40214  
800.626.3525  
[warranty@cmipproduct.com](mailto:warranty@cmipproduct.com)

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800.626.3525



Model No. : 192-6477 Polished Chrome  
192-6478 Brushed Nickel Spotless PVD  
192-7163 Matte Black  
192-7162 Matte Gold



**Casmir Single Handle Bathroom Faucet  
with Pop-Up Drain**  
Single or 3 Hole Installation



## Helpful Information

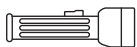
### Helpful Tools

#### Tools:

Gather the necessary tools as shown below to complete the installation of this faucet. Some may not be needed depending on the model of faucet you are installing.



Plumber's Putty  
and/or Silicone



Flashlight



Basin Wrench



Safety Glasses



Screwdriver



Pliers



Channel Locks



Adjustable Wrench

## Maintenance

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

## Safety Tips

- If you use solder for the installation of this faucet, please remove the seats, cartridges and washers before soldering. Otherwise the warranty will be voided on these parts.
- Protect your eyes with safety glasses when cutting or soldering water supply line.
- Cover your drain to avoid losing parts.

## Important Points

Prior to beginning installation, turn off the cold and hot water lines and turn on the old faucet to release built-up pressure. When installing your new faucet, turn the connector nuts finger tight, then use a wrench to anchor the fitting and a second wrench to tighten the nut one additional turn. Connections that are too tight can compromise the integrity of the system. Wrap all threaded connections with teflon tape. Always wrap in a clockwise direction.

## 5

## Trouble-Shooting

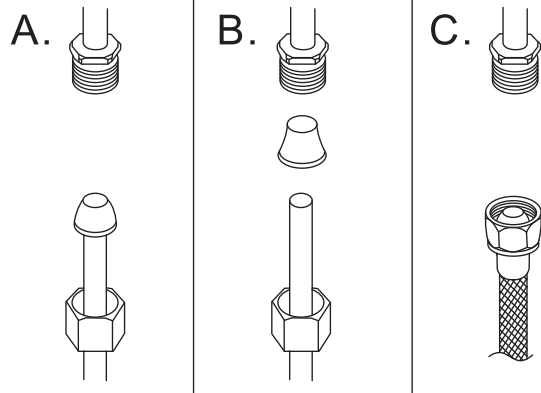
If the instructions were followed carefully and the faucet does not work properly, try these corrective steps.

Problem	Cause	Action
Leaks underneath handle.	Lock nut (#5) has come loose.	Tighten the lock nut (#5).
Water will not shut off completely.	Dirty or damaged cartridge (#6).	Remove handle (#3) and cartridge (#6) to check if ceramic disk is damaged permanently or dirty. Re-install or replace the cartridge (#6).
Aerator leaks or has an inconsistent water flow pattern.	Aerator (#9) is dirty or misaligned.	Unscrew the aerator (#9) to check rubber packing or replace the aerator (#9).

Have a question? DON'T GO BACK TO THE STORE, WE CAN HELP, just call 1-800-626-3525 ,8 a.m. to 5 p.m. EST Monday-Friday, or send an email to [Help@cmiproduct.com](mailto:Help@cmiproduct.com).

# 4

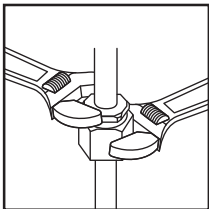
## Configuration



**Warning:**  
The supply valves and  
supply lines are not  
included.

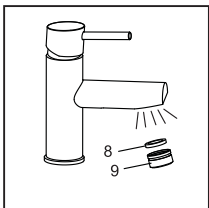
Connect to water supply lines with either:

- (A) 3/8" O.D. Copper tubing (ball nose risers with the coupling nuts or;
- (B) 3/8" Copper tubing (no ball) with supplied tube head interior connector or;
- (C) IPS faucet connectors (1/2")



### Important:

Tighten connection with two wrenches to prevent damage to tube body. Be careful not to bend the stem as this will void the product warranty.



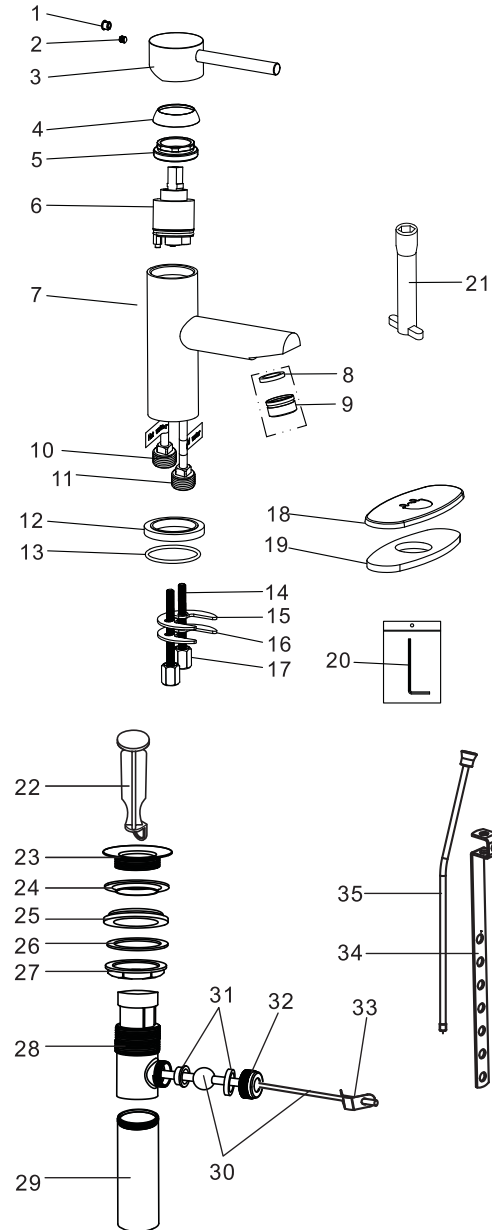
### Important:

Remove the aerator (#9) and O-ring (#8). Turn on the hot and cold water for one minute. This will flush any debris from the lines that might clog the system. Turn off the water and reinstall the O-ring (#8) and aerator (#9).

**Test system for leaks.**

# 1

## Parts Diagram / List

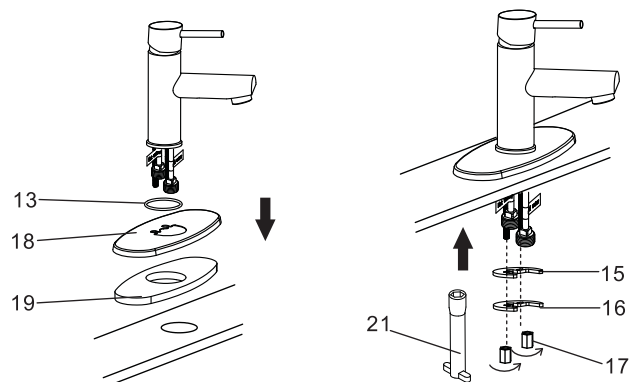


No.	Part Name
1	Index
2	Screw
3	Handle
4	Trim Cap
5	Cartridge Locknut
6	Cartridge
7	Body
8	O-ring
9	Aerator
10	Copper Tube (Hot)
11	Copper Tube (Cold)
12	Base
13	O-ring
14	Mounting Bolt
15	Rubber Washer
16	Clamp
17	Locknut
18	Deck Plate
19	Gasket
20	Allen Wrench
21	Socket Wrench
22	Drain Stopper
23	Flange
24	Top Rubber Washer
25	Bottom Rubber Washer
26	Washer
27	Lock Nut
28	Drain Body
29	Tailpiece
30	Ball Rod
31	Ball Rod Gasket
32	Ball Nut
33	Spring Clip
34	Lift Rod Strap
35	Lift Rod

## 2

### Installation Instructions

#### Deck Plate Installation

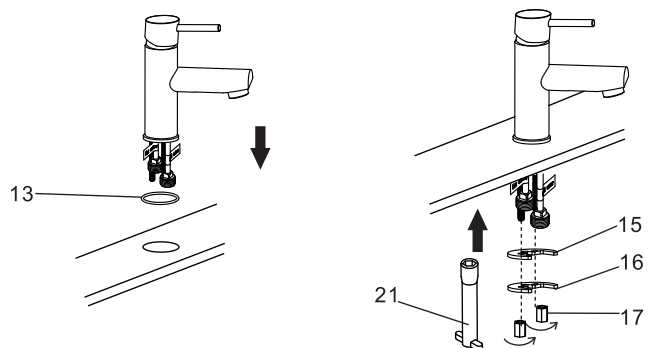


1. Position the faucet, O-ring (#13), deck plate (#18), and gasket (#19) on the countertop in the order shown.
2. Attach the faucet to the countertop using the rubber washer (#15), clamp (#16) and locknut (#17). Tighten the locknut (#17) with the socket wrench (#21).

**DO NOT OVER TIGHTEN.**

Add silicone under gasket (#19) to prevent leaks. (Optional)

#### Single Hole Installation

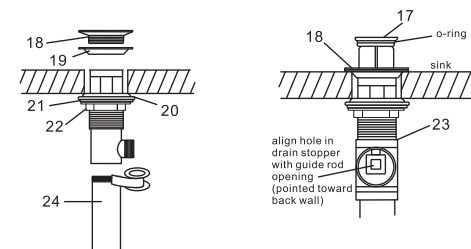


1. Position the faucet and O-ring (#13) on the countertop in the order shown.
2. Attach the faucet to the countertop using the rubber washer (#15), clamp (#16) and locknut (#17). Tighten the locknut (#17) with the socket wrench (#21).

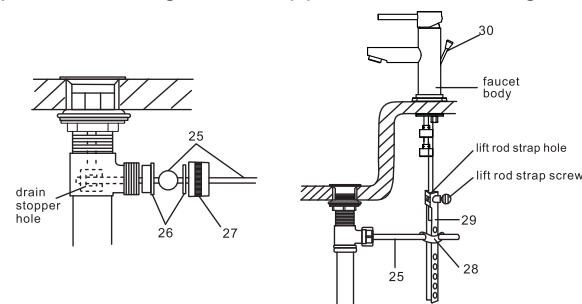
**DO NOT OVER TIGHTEN.**

## 3

### Installation Instructions



3. Disassemble the drain stopper (#22), flange (#23), and top rubber washer (#24).
4. Insert the drain body (#28) into the drain hole from under the sink. Reinstall the flange (#23) and top rubber washer (#24) to the drain body (#28) and hand tighten.
5. From under the sink, install the bottom rubber washer (#25), washer (#26) and tighten the lock nut (#27) until firmly against the sink base.
6. Disassemble the tailpiece (#29) from the drain body (#28) and apply teflon tape clockwise. Reinstall the tailpiece (#29) to the drain body (#28).
7. Reinstall the drain stopper (#22) into the drain body (#28). Ensure o-ring is in place and align the stopper hole with the guide rod opening, as shown.



8. Remove ball nut (#32) and ball rod gasket (#31) from the ball rod (#30). Insert ball rod (#30) into the drain body (#28) and the hole in the drain stopper (#22). Reinstall the ball rod gasket (#31) and ball nut (#32).
9. Insert lift rod (#35) through hole on faucet body. Connect ball rod (#30) to lift rod strap (#34) using spring clip (#33) to hold and adjust.
10. Attach lift rod strap (#34) to the lift rod (#35) by inserting the lift rod (#35) through the lift rod strap (#34) hole. Adjust the lift rod (#35) to the correct height and hand tighten the lift rod strap (#34) screw.