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@cmiproduct.com

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Model No. : 192-6818 Polished Chrome
192-6819 Brushed Nickel Spotless PVD
192-7235 Matte Gold
192-7236 Matte Black

Casmir Slide Bar Faucet
All in One Box

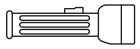
Helpful Information

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.

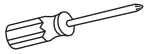
Plumber's Putty and/or Silicone



Flashlight

Safety Glasses

Adjustable Wrench



Screwdriver

Pliers

Channel Locks

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 soldering for the installation of the faucet, the seats, cartridges and washers will have to be removed before using flame. Otherwise, the warranty will be void 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.

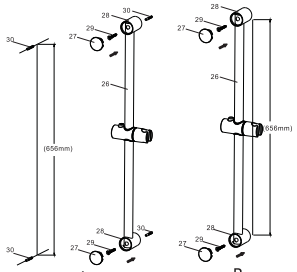
5 Troubleshooting

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

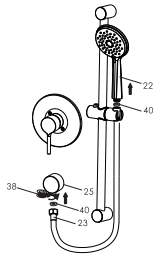
Problem	Cause	Action
Leaks underneath the handle (#20).	The lock nut (#6) has come loose or the O-ring on the cartridge (#4) is dirty or misaligned.	Turn off the water supplies. Remove the handle (#20), trim cap (#7) and the cartridge sleeve (#5). If the lock nut (#6) is loose tighten it. If the lock nut (#6) is tight, remove the lock nut (#6) and cartridge (#4). Verify the O-ring is clean and in proper alignment on the cartridge (#4). If the O-ring is dirty rinse with warm water. Reinstall the O-ring onto the cartridge (#4). Reinstall the cartridge (#4), lock nut (#6), cartridge sleeve (#5), trim cap (#7) and handle (#20).
The water will not shut off completely.	The rubber valve seat at the base of the pressure balance cartridge (#4) is dirty or broken.	Turn off the water supplies. Remove the handle (#20), trim cap (#7), cartridge sleeve (#5), lock nut (#6) and cartridge (#4). Verify the rubber valve seat is clean and in proper alignment on the cartridge (#4). If the rubber valve seat is dirty soak in warm white vinegar for 30 minutes. Reinstall the rubber valve seat onto the cartridge (#4). Reinstall the cartridge (#4), lock nut (#6), cartridge sleeve (#5), trim cap (#7) and handle (#20). If the rubber valve seat is damaged replace the cartridge (#4).
The water temperature cannot be adjusted or there is no hot or cold water.	The cartridge (#4) is dirty or pressure locked.	Turn off the water supplies. Remove the handle (#20), trim cap (#7), cartridge sleeve (#5), lock nut (#6) and cartridge (#4). Shake the cartridge (#4) and verify the pressure balance spool (located at the bottom of the cartridge (#4)) is moving freely. If the spool is not moving, tap it on your hand until it begins to click. If the cartridge (#4) is dirty, soak it in warm white vinegar for 4 hours. Every 30 minutes, while the cartridge (#4) is submerged in the vinegar, rotate the stem on and off 10 times. Reinstall the cartridge (#4). If the cartridge (#4) is damaged, replace the cartridge (#4).

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.

Configuration



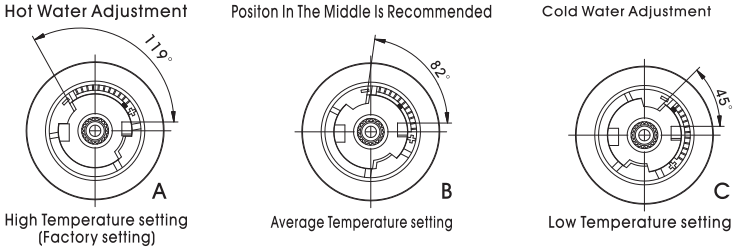
Step 9



Step 10

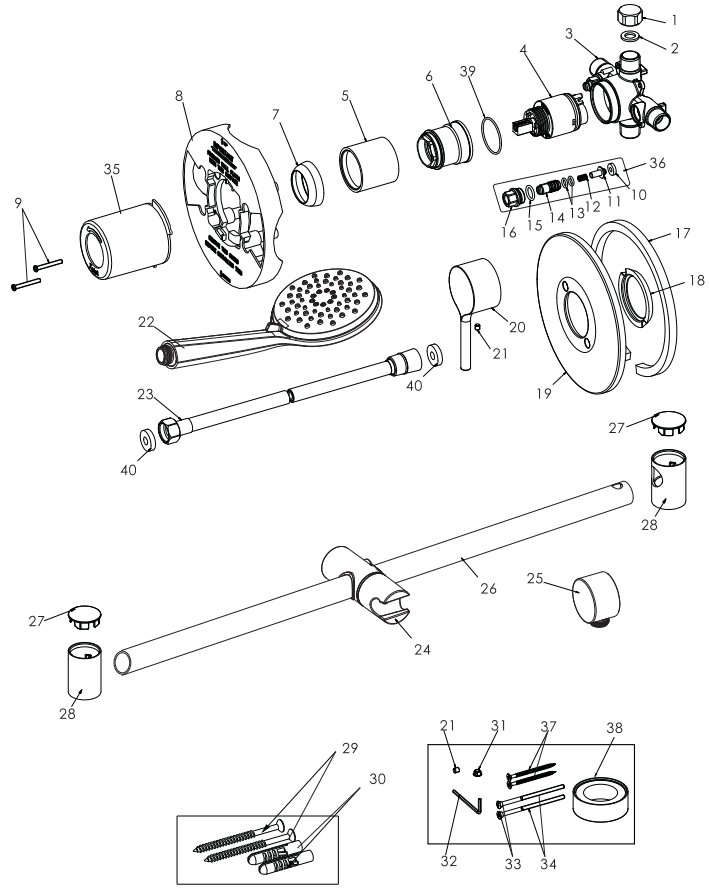
9. Determine placement of the slide bar.
   Drywall or Ceramic Tile Installation:
   Drill holes 5/16" and tap wall anchor (#30) into the wall. Slide the base support (#28) onto the slide bar (#26). Secure the assembly to the wall by screwing the screw (#29) into the wall anchor (#30), as shown in figure A. Insert the trim cap (#27) into the base support (#28).
   Wood Wall Installation:
   Drill holes 3/32". Slide the base support (#28) onto the slide bar (#26). Secure the assembly to the wall by screwing the screw (#29) into the wall, as shown in figure B. Insert the trim cap (#27) into the base support (#28).
10. Apply Teflon tape (#38) to the threads of the wall supply (#25). Install the shower hose (#23) to the wall supply (#25). Hold the shower hose (#23) into the tub. Turn on the water and let run for one minute to clear any debris. Install the handheld shower (#22) onto the shower hose (#23).
    Note: If water is leaking from the wall supply (#25), repeat step 8.
11. Turn on the water supplies and check for leaks. If a leak occurs from #4 or #20 in the diagram, repeat step 7. If a leak occurs from #25 in the diagram, repeat step 8.

Hot Water Adjustment:



By default, the temperature limiting device is set to the highest temperature (A). In order to reduce the temperature, remove the temperature limiting device and turn clockwise to the desired position (B or C).

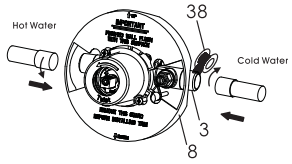
Parts Diagram



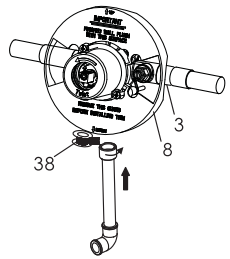
No.	Part Name
1	End Cap
2	Washer
3	Valve Body
4	Cartridge
5	Cartridge Sleeve
6	Lock Nut
7	Trim Cap
8	Plaster Guard
9	Screws
10	Sealing Washer
11	Stopper
12	Spring
13	O-rings
14	Adjuster
15	O-ring
16	Adjuster Seat
17	Escutcheon Gasket
18	Sealing Ring
19	Escutcheon
20	Handle
21	Set Screw
22	Handheld Shower
23	Shower Hose
24	Shower Holder
25	Wall Supply
26	Slide Bar
27	Trim Cap
28	Base Support
29	Screws
30	Wall Anchors
31	Handle Button
32	Allen Wrench
33	O-rings
34	Screws
35	Protective Sleeve
36	Stop Valve
37	Screws
38	Teflon Tape
39	O-ring
40	Washer

Shower Installation

1.



2.



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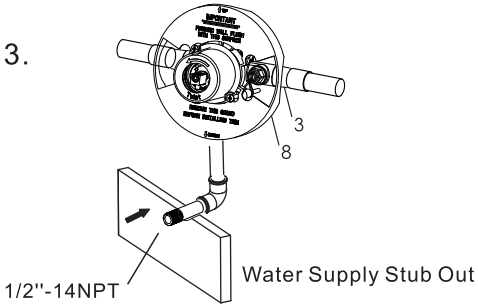
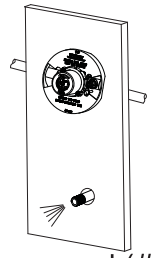


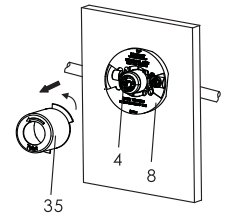
4.



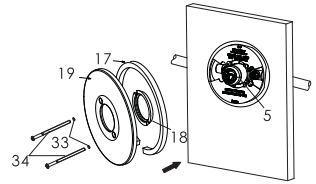
1. If this is not a thin wall mounting, the plaster guard (#8) may be removed from the valve body (#3).
   Note: Secure the valve body (#3) to the support cross board for stability.
2. Apply Teflon tape (#38) to all pipe threads. Install an elbow at one end of the pipe. Install the other end to the wall supply diverter (bottom hole) of the valve body (#3). Secure the wall supply elbow to a 2x4 bracing.
3. Install the nipple to the stub out, using the proper length nipple so that the nipple extends 3/8” from the finished wall. In order to assure proper function, piping from the bottom portion of the valve to the water supply stub out must be 1/2" nominal copper pipe or 1/2" iron pipe. Do not use PEX for the water supply stub out.
4. Turn on the hot and cold water supplies and check for leaks. If a leak occurs, refer to steps 2 or 3. Turn on the faucet and let the water run for one minute. This will help clear any debris that may have come loose during installation and prevent the system from becoming clogged.
   Note: Turn on both the hot and cold water shut offs before turning the faucet on. Not turning on both will cause your cartridge to become pressure locked. If this occurs, see the troubleshooting guide.

Shower Installation

5.



6.



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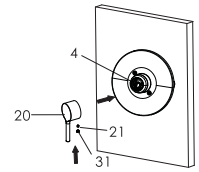

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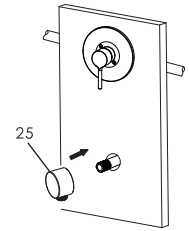

5. If still attached, remove the protective sleeve (#35) from the plaster guard (#8) by twisting the protective sleeve (#35) counterclockwise.
   Note: By defualt, the temperature limiting device on the cartridge (#4) is set to the highest temperature setting. If a lower setting is desired, see page 4 **"Hot Water Adjustment"**.
6. Verify the escutcheon gasket (#17) and sealing ring (#18) are attached to the escutcheon (#19). Slide the escutcheon (#19) onto the cartridge sleeve (#5). Verify the O-rings (#33) are attached to the screws (#34). Secure the escutcheon (#19) with screws (#34).
7. Slide the handle (#20) onto the cartridge (#4). Use the set screw (#21) to secure the handle (#20). Insert the handle button (#31). See the diagram for a visual.
8. Install wall supply (#25). See diagram for visual.