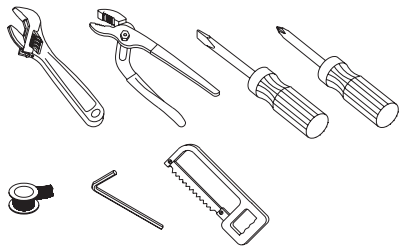
installation

Tools

- Adjustable wrench
- Groove joint plier
- Flat screwdriver
- Phillips screwdriver
- Pipe tape
- Hex wrench
- Hacksaw



Maintenance

Your new faucet is designed for years of trouble-free performance.

Keep it looking new by cleaning it periodically with a soft 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, 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 open the old faucet to release built-up pressure. When installing your new faucet, turn the connector nuts finger-tight, then use one wrench to anchor the fitting and a second wrench to tighten the nut an additional turn. Connections that are too tight will reduce the integrity of the system. Wrap all threaded connections with Teflon tape available at your local hardware or plumbing supply store. Always wrap in a clockwise direction.

Things You May Need

All installations can vary depending on how your previous faucet was installed. Necessary supplies to install your faucet are not all included; however they are available wherever plumbing supplies are sold. When choosing your installation supplies, make sure they are IAPMO and/or CSA approved products.

For Pressure Balance Tub & Shower Models:
N500 01, N500 02, N550 01, N550 02

Belle Forêt
collection

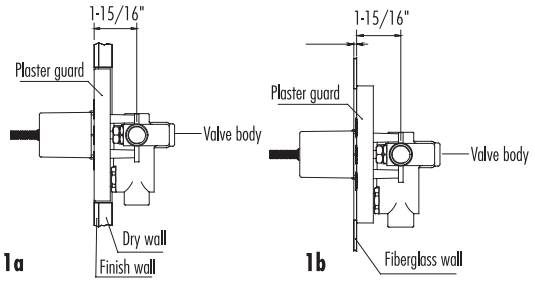
Preparation/Assembly

Rough-in Installation

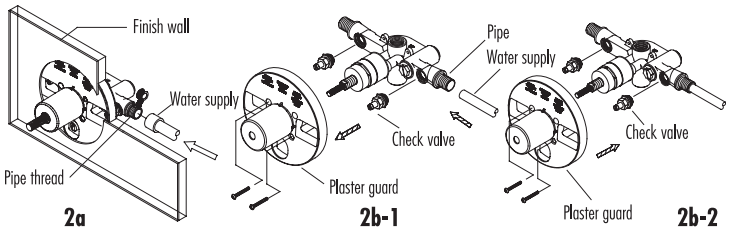
Determine whether you're mounting into
a. Drywall or drywall with tile (see figure 1a & step 1a)
b. Fiberglass wall (see figure 1b & step 1b)

1a Position valve body so that the face of the plaster guard will be flush with the face of the finished wall.

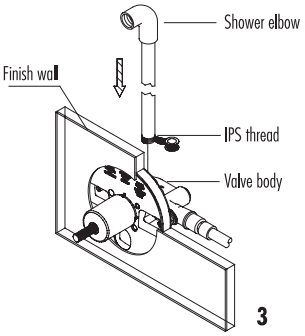
1b Position valve body so that the face of the plaster guard will be flush against the back of the fiberglass wall.



2 Determine water supply connections type: IPS or copper sweat
a. IPS inlets: Make short stub-outs with a female adapter on 1 end of each, and a coupling or elbow at the other end. Apply pipe tape onto pipe threads and connect water supply to valve body. Make sure the valve's hot and cold inlets are on an accurate horizontal plane.
b. Copper sweat inlets: Remove plaster guard, cartridge and check valves. Connect water supply to the pipe by soldering. Reassemble check valves, cartridge and plaster guard.



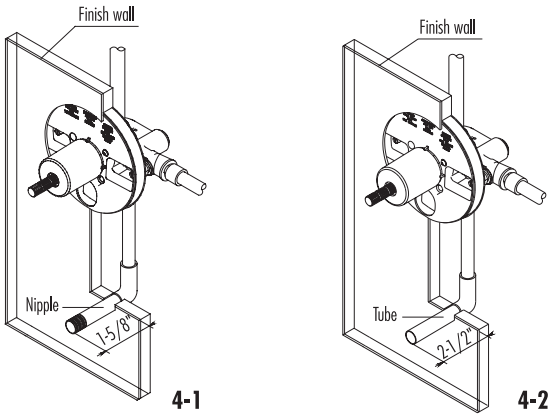
3 Create shower riser with a shower elbow at one end, and a male IPS threads on the other. Connect IPS end to shower outlet on the valve body. Secure shower elbow to 2x4 bracing.



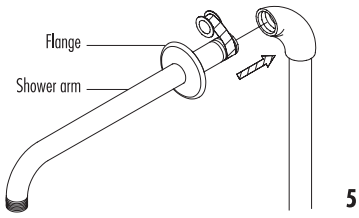
4 For tub spout installation (500 01 & 500 02 only), repeat step 3, and add a pipe nipple or a section of copper tubing to extend beyond the finished wall.

4-1 For threaded pipe nipple, please use proper length nipple so that the pipe threads will extend 1-5/8" from the finished wall.

4-2 For copper tubing, extend tubing 2-1/2" beyond the finished wall.



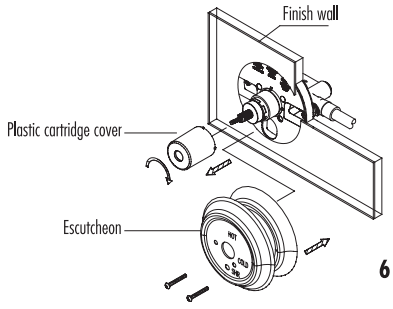
5 Install shower arm and flange. Temporarily cap or plug the shower arm and spout tubing. Turn on water supply and faucet and check all connections for leaks. For tub/shower faucet with spout, remove cap and plug, from shower arm and tub spout outlet, and test diverter lever operation.



Installation

Trim installation

6 Close tub drain to avoid losing parts.
Remove plastic cartridge cover from plaster guard by twisting clockwise. Install valve escutcheon and secure with screws.



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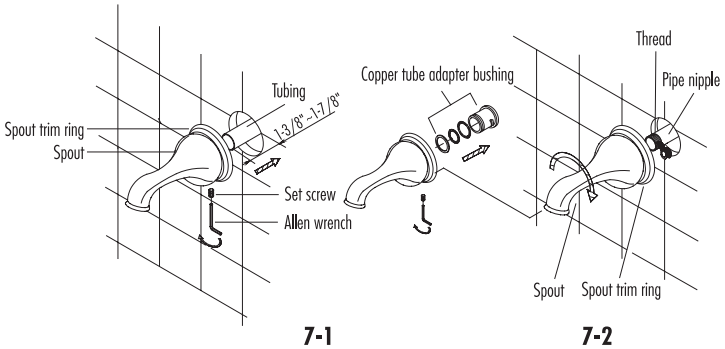
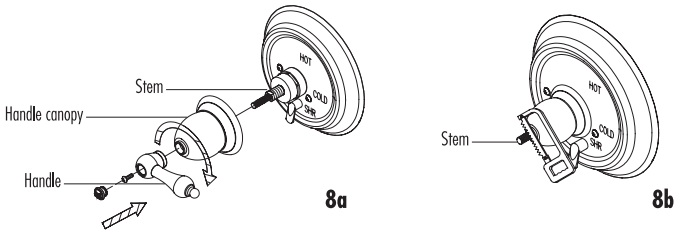
7-1 Slip-fit connection
Measure stub out and cut to length: 1-3/8" to 1-7/8" from the finished wall. Slide spout & spout trim ring onto the tubing, until they are flush against the finished wall. Tighten set screw with Allen wrench provided.

7-2 Threaded connection
Remove copper tube adapter bushing from spout inlet, and the cap from the pipe nipple. Wrap threads with pipe tape, thread spout and spout trim ring onto pipe nipple until sealed and trim ring is flush to finished wall.



7-1 7-2

8 Install handle canopy and temporarily install handle on stem.
Measure the distance between the handle and the canopy. This distance should be 1/16". Remove handle and cut off excess stem length as needed. Make sure valve is in full off position, orient and install handle.



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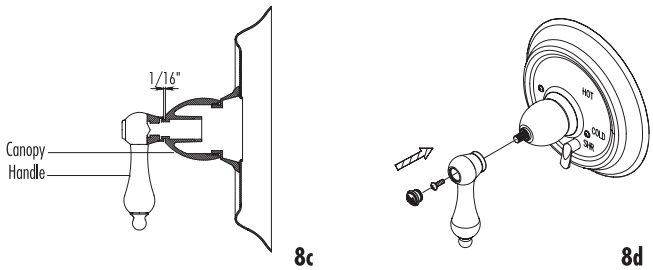

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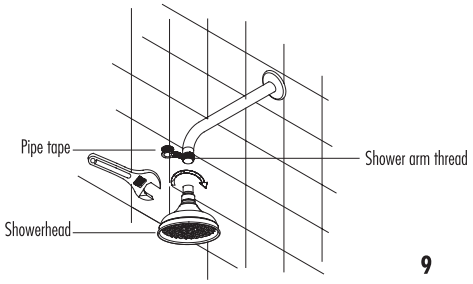
9 Wrap shower arm threads with pipe tape and install showerhead.



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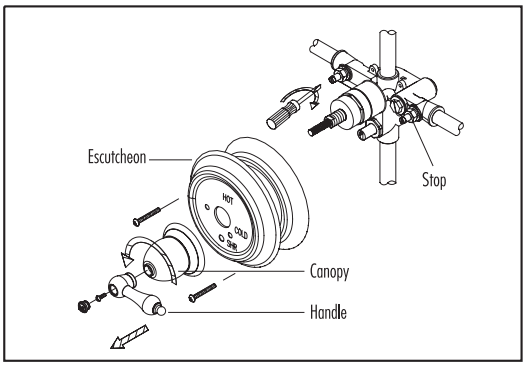
Temperature Limiting Device

Your Belle Forêt bath/shower valve is equipped with a high-temperature limiting device. While the Factory has set the faucet for an average high temperature, it can be adjusted at the jobsite.



Preparation

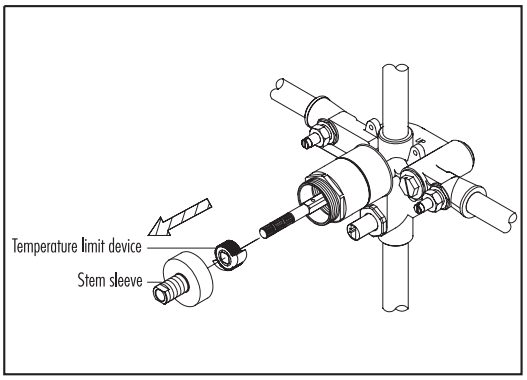
Close tub drain to avoid losing parts.

1. Remove handle, canopy and escutcheon.

2. Shut-off water supply by turning hot and cold screwdriver stops clockwise.

3. Turn faucet on to relieve built-up pressure, and to ensure that water supply is off.

4. By hand, remove decorative stem sleeve to expose temperature limit device. (do NOT remove the cartridge locknut)

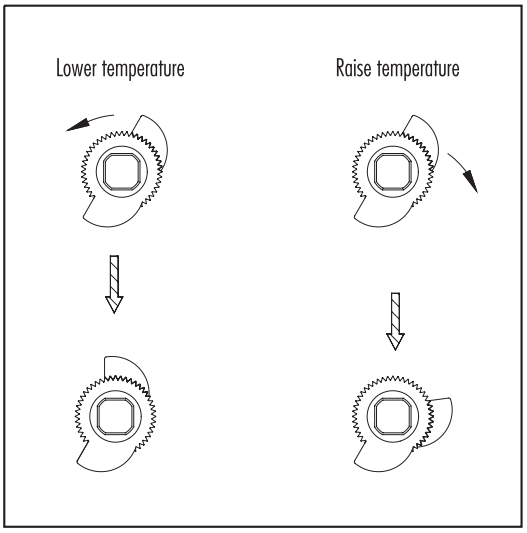


Adjust the temperature

Ensure faucet is in the off position. The round dimple on the cartridge stem will be pointed straight up.

5. To lower the water temperature allowed at the highest selection, rotate the gray gear counter-clockwise.

6. To raise the water temperature allowed at the highest selection, rotate the gray gear clockwise.



Confirm the temperature

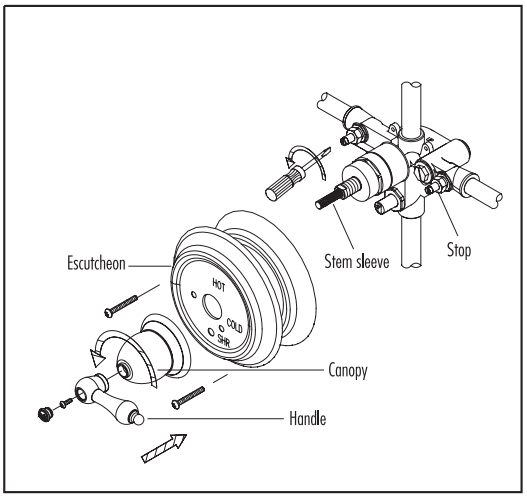
1. Ensure the faucet is in the off position.

2. Turn on the water supply by rotating the screwdriver stops counterclockwise.

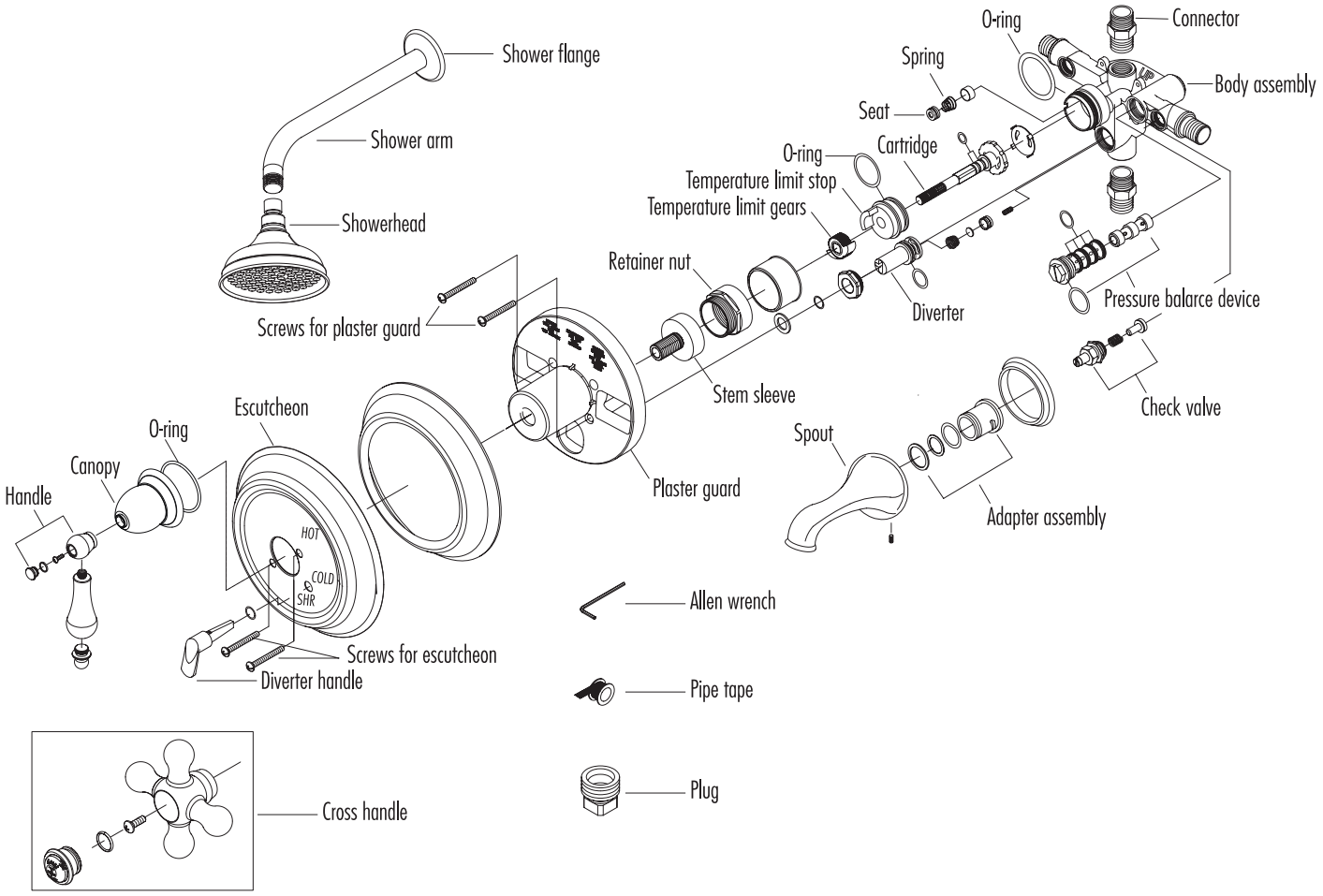
3. Turn the valve to the full hot position and let water run for several minutes. Test the temperature of the water with a thermometer. For safety purposes, the water temperature should not exceed 110° to 120° Fahrenheit. Please consult your local codes.

4. Adjust as needed (see "Adjust the Temperature") and turn faucet to off position.

5. Replace decorative stem sleeve, escutcheon and handle.



Parts Breakdown



Trouble-Shooting

PROBLEM
Leaks underneath handle.
CAUSE
Retainer nut has come loose or O-ring on cartridge is dirty or twisted.
SOLUTION
Tighten the retainer nut. Clean or replace o-ring.

PROBLEM
Water will not shut off completely.
CAUSE
Rubber valve seat is dirty or broken.
SOLUTION
Remove handle and cartridge to check the rubber valve seat. Clean or replace it.

PROBLEM
Water temperature can not be adjusted by limiting device, or no hot or cold water.
CAUSE
Dirty pressure balance device.
SOLUTION
Turn off water supply. Remove the pressure balance device by turning counter-clockwise, remove piston and clean with a brush and vinegar water. Reinstall piston & pressure balance device.