

## **How to Get Hot Water Faster in Your Master Bathroom**

The cure is to install a "recirculation line" from your master bathroom back to the bottom of the hot water heater. This would involve installing 1/2-inch copper tubing, and the only thing that makes this difficult is routing it from under your bathroom sink (typically) through the floors and walls back to the drain pipe at the bottom of the hot water heater. This may require a few access holes to be cut in drywall and then repaired, retextured and repainted. If your basement is finished, this can be harder than if your basement ceiling is open and the hot water heater is not too far from being directly under the master bathroom. Once this line is installed, there's no need for a pump to keep the hot water circulating, since your bedroom is higher than your hot water heater and hot water rises and cold water falls. In effect, this new piping loop between the water heater and your bathroom becomes an extension of the hot water tank. It's a good idea to install insulation on both the supply and return pipes, but that may be hard to accomplish if the pipes are inaccessible in walls and floors, but insulate what you can reach.

The most I've spent on the three houses I've done this to (for my own use) was about \$800. Any licensed plumber can give you an estimate on it. A good handyman, like my own, can do the drywall repair, texturing and painting.

I hope this is helpful!