

Shower Faucet Redesign

Problems with current designs:

- Single-lever faucets inhibit accuracy by forcing the user to control two dimensions at once
- Double-knobbed faucets make getting the right temperature a difficult game, adjusting the two knobs back and forth until an acceptable temperature is reached
- Harder still, the two knobs must be adjusted to get a good flow of water without messing with the temperature
- Even after you find a good temperature, all the adjustments are lost when the shower is over, and the just-right position of the knobs or lever must be found again next showertime



Design solution:

Providing the best of all possible worlds, an easy-to-grip knob turns to control the flow of water, and moves along a fixed track to control temperature.

Temperature track:

Users can accurately adjust the temperature without worrying about changing the flow of water or vice versa

Temperature display:

Users can easily see how hot or cold the water is

Compact size:

Design can fit into the same amount of space as many current faucet controls



Water flow handle:

Users turn the handle to turn on or off water flow; since the handle's position on the temperature track doesn't need to change, users need only find their ideal temperature once, and then just adjust the water flow during subsequent showers