When the faucet is turned on, water passes through the cartridge and comes out of the spout. InnoFlex waterways allow for an integrated, one-piece water delivery system. InnoFlex® PEX Supply Lines

Water enters the faucet through the supply lines that connect to the supply pipes.

The valve lives inside the cartridge housing. It operates via moving the faucet handle from side to side. This motion allows for varying amounts of hot and cold water to flow through the diamond-embedded disc. They enter and combine inside the ceramic disc and then flow out of the faucet.

The discs slide back and forth on top of each other, allowing water to move through one hole or the other. Hot or cold water will flow out of the faucet depending on the position of the discs.

This water delivery system combines a durable DIAMOND™ valve that features a diamond-embedded ceramic disc, which requires no lubrication and eliminates wear on seals.