



Water Hammer Arrestor/Anti-Hammer Device

Water hammer is usually recognized by a banging or thumping in water lines. It occurs when the flow of moving water is instantaneously stopped by a closing valve. This sudden stop results in a pressure spike behind the valve which acts like a tiny explosion inside the pipe. This pressure spike will reverberate throughout the plumbing system, rattling and shaking pipes, until it is absorbed. Normally, a sufficient pocket of air will absorb such a pressure spike. If no pocket of air is present, expensive fixtures and appliances within the plumbing system could be damaged as they are left to absorb this pressure spike. Water hammer arrestors have a piston inside of a tube that is filled with a calculated amount of air/gas to absorb water pressure spikes.