

Common Plumbing Leaks That Occur in Homes

If left unaddressed, plumbing leaks can wreak havoc in your home. They can lead to expensive water damage, mold growth, and a variety of other problems.

Regularly checking your meter, observing damp spots around the home, and monitoring your water bill can help you catch leaks early. Here are some of the most common causes of household leaks: 1. Extreme temperature changes.

Pipe Corrosion

Pipe corrosion can be caused by a number of things including age, water pressure, and temperature. It can lead to leaking pipes which, if left untreated, can cause serious water damage and even structural damage to your home or building.

Leaking pipes can be spotted in a variety of ways including unexplained water puddles, soft spots in walls or ceilings where the leak is located, or a musty smell in rooms that the leak is affecting. Other signs of a leaking pipe include high water bills or abnormally low water pressure.

While some types of leaks are fairly minor and can be dealt with by a homeowner, others should be looked at immediately by a professional plumber to prevent further damage or mold issues. Leaking water pipes can waste gallons of water and can also affect the safety and quality of your drinking water. Fortunately, you can reduce the risk of these plumbing leaks by detecting them early and addressing them quickly.

Seal Breakage

Pipe leaks can cause severe water damage to walls, ceilings and floors, as well as lead to mold growth. Luckily, these leaks can be prevented with regular maintenance and the help of a professional plumber.

Oftentimes, these leaks are caused by broken seals. When piping is first installed, seals are placed around the connection to ensure that it stays watertight. However, these seals can break down over time due to age, heat or corrosion. When this occurs, a professional plumber will be needed to replace the seal. Sites like <https://www.fixitrightplumbing.com.au/plumber-melbourne/> have a lot of information on plumbing services.

Household leaks waste a lot of water and money. One dripping faucet can result in more than 3,000 gallons of water wasted per year. Unseen leaks can also damage your fixtures and lead to higher utility bills. Fortunately, a quick inspection can help you find the location of the leak and have it repaired quickly.

Tree Roots

While tree roots are important to the health of the trees, they can become a nuisance when they grow too close to sewer lines. They can cause the line to crack or break. This can be a serious problem for your home and should be addressed as soon as possible.

Root depth is affected by soil conditions. Early studies of tree roots, conducted in easy-to-dig loess soils, led to the popular image of deep-rooted trees. But in urban areas, where soils are dense and compacted, most roots only extend a few feet down into the ground.

Most tree roots consist of large permanent roots that provide anchorage and transport, and small short-lived feeder roots that absorb water and nutrients. These root hairs and lateral roots are typically located in the top 6 to 24 inches of soil, where they can obtain water, oxygen and nutrients. However, roots may extend deeper, particularly in aerated, well-drained soil.

Old Pipes

The [plumbing pipes](#) in older homes often experience a shortened lifespan. This is largely due to the materials used in their construction. Galvanized steel pipes are coated in zinc to prevent rusting, but this coating eventually wears away. Once the interior of the pipe corrodes, calcium deposits build up and

restrict water flow. Over time, this can cause the pipe to burst.

Some leaks are easy to spot, such as a puddle of water under a sink or staining on the drywall near a fixture. However, many of the more serious leaks are harder to detect. For example, a leak in the drain line behind your washing machine may not be obvious until you notice a sudden increase in your water bill.

It's essential to have your plumbing system regularly [inspected by a professional plumber](#). This can help you identify problems and address them before they become serious. Plus, regular inspections can ensure your plumbing system is operating optimally.