

# Dust In the Home

Another big source of dust is caused by duct leakage. Any air that leaks out of ductwork when the fan is running must be made up by infiltration into the home. Most of this air that is made up comes from the attic. This Hot, Dusty, Damp, air comes in through the leaks around trim, at electrical connections, and light fixtures. Recessed can lights if not properly sealed are extremely leaky and have large holes open directly or indirectly to the attic. These leaks can cause a home to be extremely dusty. We find that homes that were insulated with Cellulose insulation tend to be much dustier than homes insulated with fiberglass insulation. The powder used in the blowing process for cellulose insulation drifts into the house for years and years.

Excessive amount of dust in your home

If there are holes or leaks on the return side of your ductwork, it will pull in the dust and air pollutants from your attic or basement. And once that dust and dirt enters your ductwork, it will inevitably end up into your home.

You'll notice that no matter how much you clean, you can't get rid of the unusual amount of dust in your home. That's because every time you turn your HVAC system on you pull in more dust

Supply leaks suck air

Return leaks blow air

Ever dusted your home only to turn around and...everything's all dusty again! It's not your imagination (or dust ghosts).

When you turn on a heating and air conditioning system that has leaks or holes in the ductwork, the ducts will suck up dust, dirt and a variety of other nasty contaminants around your attic or crawl space. Then all that dust and debris gets blown out the various vents in your home, creating indoor air quality problems.

All that extra debris also quickly clogs your air filter, which requires you to change it frequently.

If you don't change your [air filter](#) when it's filthy, you'll have poor air quality and a higher electricity bill since your system has to work harder to push air through your filter.