



ADDRESSING DRAIN LINE CONCERNS IN OLDER MULTIFAMILY HOUSING PROPERTIES



Often, especially in the case of Multifamily housing, there are concerns of drain line corrosion in older properties where iron piping or galvanized pipes are being used. While this is a legitimate concern, and a qualified inspector should look at a plumbing system before installing new products in an outdated environment, the issues stem not from the amount of water being used, but from the ineffectiveness of the materials used when making older drain lines.

It's important to consider that when you install a low-flow toilet in a multifamily property, drain line water flow is not exclusive to the toilet. Showers and faucets contribute to water flow within a property and assist with washing waste away, providing more than enough water to push down sediment. Your toilet will be working within a plumbing system, not as an isolated fixture.

Also, WaterSense certified toilets must comply with ASME A112.19.2 / CSA B45.1 standards, which dictate that for the drain line carry, flush media must travel at least 40 ft. Official testing is performed and regulated by IAPMO, an accredited certifying body.

In accordance with these concerns, Niagara toilets also utilize unique and patented Stealth® vacuum-assist technology to flush waste through the trapway and down the drainline. This technology combines the suction properties of air with the natural gravity properties of water to provide an even more powerful and waste-eliminating flush. When these toilets are flushed, air in the trapway is sucked up into the technology's stealth chamber through a patented air transfer tube. This suction forcefully pulls water and waste from the bowl and down the trapway. As the chamber of the stealth tank is refilled with water, air is displaced and is pushed back through the air transfer tube and down the trapway, providing a final force to help launch waste through the trapway and down the drain line.

Niagara toilets are also MaP Premium rated, clearing least 800g* of waste or more from the bowl with every flush.

**The only exception is Niagara's newest, and most efficient toilet, the Nano, which flushes 600g.*