

# True Beauty is Inside the Toilet

WAUSEON, OHIO, USA, September 27, 2016 /EINPresswire.com/ -- The outside of a toilet can look sleek, smooth and stylish. But it's the inside of the toilet where you'll find the true beauty of the operations.

"Toilets are designed to quickly and efficiently remove waste," says Adriana Miller, product manager at [Mansfield Plumbing](#). "Understanding the operation of a toilet can give people a new appreciation of this necessary product in their homes."

The majority of residential toilets rely on gravity to work. When you flush the toilet, a device called the flush valve inside the toilet tank opens a channel that lets water go down into the toilet bowl. The quantity, weight and velocity of the water going from the tank to the bowl is what creates the flush.

The key parts inside a toilet are the fill valve, which refills water into the tank and the flush valve, which allows water to go from the tank to the bowl. A flush lever outside the tank triggers parts inside the tank to work.

"The design of the bowl is very important in helping move waste efficiently," says Miller. "For example, the Denali™ Power Flush toilet is designed with dual side jets to intensify the efficient removal of waste. During the flushing process, energy picks up as water moves through

a three-inch flush valve to reach its highest velocity earlier in the flushing cycle.

"Toilets function as a system. All the components need to work together. Consider a high efficiency toilet (HET) that uses just 1.28 gallons per flush (Gpf) or lower. The trapway design and internal volumes of water in the bowl become ultra-critical with low water consumptions. The flush valve inside the tank regulates how much water goes down when the toilet is flushed."

Miller reports that the ceramic pieces making up the tank and bowl are also critical in the overall long-term success of a toilet. She points out that thicker, heavier bowls, like those made in the United



Inside view of a Denali Power Flush toilet.



Denali Power Flush toilet from Mansfield Plumbing.



Understanding the operation of a toilet can give people a new appreciation of this necessary product in their homes.

*Adriana Miller, Mansfield  
Plumbing*

States by Mansfield, are often more robust and reliable than those imported from foreign countries. Additionally, how the tank is secured to the bowl should be carefully addressed. At Mansfield, the SmartFasten™ system includes a three-bolt tank-to-bowl connection to assure perfect alignment and a leak-proof toilet.

Mansfield Plumbing precision manufactures millions of pieces of sanitaryware and bathware each year at its facilities in Perrysville and Big Prairie, Ohio and in Henderson, Texas. Founded in 1929, Mansfield Plumbing, which is owned by

Corona, is a leading producer of top-quality, high-design, performance plumbing fixtures and fittings for use in residential, commercial and institutional markets. For more information, visit [www.mansfieldplumbing.com](http://www.mansfieldplumbing.com) or call 877-850-3060.

###

Kathleen S. Ziprik  
Ziprik Consulting  
828-890-8065  
email us here

---

This press release can be viewed online at: <http://www.einpresswire.com>

Disclaimer: If you have any questions regarding information in this press release please contact the company listed in the press release. Please do not contact EIN Presswire. We will be unable to assist you with your inquiry. EIN Presswire disclaims any content contained in these releases.

© 1995-2016 IPD Group, Inc. All Right Reserved.