### > Julius Ballanco: Are composting toilets considered plumbing?



pmengineer.com

PM Engineer - The must-read resource for engineering excellence

- > The case for 2 psig
- > Black water: What has changed?

# Safety first

The latest commercial bathroom trends.



MARTPHONE TO

A bop PUBLICATION

How many ligature points do you see in this bathroom?

## latest products



#### Lift stations

Saniflo U.S.A. unveils the next generation in its Sanicubic range of preassembled simplex and duplex lift stations. The Sanicubic Vortex series features a vortex-type impeller that delivers clog-free handling of solids up to 2" diameter. The new series is engineered for highly demanding rugged-duty applications that involve much larger or harder objects than what is typically flushed down a toilet. Like the original Sanicubic 1 and 2 models, the new Vortex series is intended to provide above-floor drainage for multiple plumbing fixtures for an entire residential or commercial structure, thus eliminating the need for costlier and less convenient pit installations. Two models are available: the Sanicubic 1VX, equipped with a single 1.5-HP motor (simplex) and the Sanicubic 2VX, equipped with two such motors (duplex). Both new lift stations are capable of discharging through 2" or 4" rigid pipe and offer a shutoff head of 43'. **Saniflo U.S.A. www.saniflo.com/us** 



#### Grease interceptor sizing

MIFAB's new website for sizing injection and rotational-molded HDPE grease and oil interceptors at www.sizemyinterceptor. com features software that provides the correct size MIFAB HDPE interceptor for the application from its extensive line. **MIFAB. www.mifab.com** 



#### **Shower drain**

The ProLine linear shower drain by QuickDrain USA offers minimalist style, impeccable performance and ease-of-installation to help interior designers and remodeling contractors create jaw-dropping zero-entry showers and wet areas that allow wheelchair access and ADA compliance, QuickDrain USA notes. Ideal for tub-to-shower conversions in hospitality, health-care and institutional spaces, the stainless steel drain features a fully sloped 1" deep and 1" wide trough where water exits through either a vertical or a side waste outlet, making it easy to accommodate existing plumbing, the company explains. The integrated drain, combined with pre-sloped shower panels and waterproofing accessories, represents a total shower solution for effective and efficient drainage. QuickDrain USA. www.quickdrainusa.com



#### **Touch-to-clean showerhead**

Matco-Norca's Builder Light tub and shower features a 6" touch-to-clean showerhead, which is EPA Water Sense certified and California Energy Commission compliant with a maximum flow rate of 1.75 gpm at 80 psi. **Matco-Norca. www.matco-norca.com** 



#### **Push fittings**

Sioux Chief introduces the newest addition to the PDQ family of push fittings, the PDQ sillcock, offering significant savings to installation time and cost, the company explains. The new sillcock is designed to easily install onto any 1/2" nominal CTS tubing. The design allows contractors to bracket the supply tube securely behind the wall, then cut and connect the sillcock from outside the building — at finish. The quarter-turn T-handle is easy to grip, and the wide mount-ing flange allows for solid installations. The sillcock also is designed to allow easy removal or replacement if necessary, Sioux Chief adds. Each sillcock is individually boxed and includes installation (and removal) instructions. **Sioux Chief. www.siouxchief.com**