> Ballanco: Code change on shutoff valves hampers high-rise plumbing design

March
2019
Vol. 25, Num. 3

PM Engineer - The must-read resource for engineering excellence

All chewed up

Registration for AEC BuildTech now open! Save a spot with early-bird rates at AECBuildTech.com

AEC BUILDTECH

Consumer habits drive new trends in commercial bath and kitchen products.

bnp Public

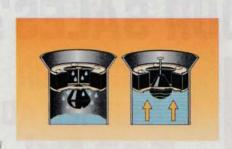
| 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |

րկինակիրակիրին արությունների արությունների արառա

Siegenthaler on thermal storage tanks

Understanding the latest edition of 'NFPA/13, Standard for the Installation of Sprinkler Systems'

latest products



Flood guard

Prevent basement flooding and messy floors with Flood-Guard from General Pipe Cleaners. Available for 2", 3" and 4" floor drains, Flood-Guard operates like a check valve to seal off water back-up caused by overloaded sewers. **General Pipe Cleaners.** www.drainbrain.com/cooltools



'Invisible' linear drain

The linear WallDrain from QuickDrain USA allows for the most seamless and unique curbed or curbless shower design possible — by installing the drain in the wall itself — rendering it virtually invisible, QuickDrain says. Nearly any solid surface tile can be installed in the drain's magnetic vertical cover. The integrated drain, combined with a pre-sloped shower pan and waterproofing, represents a total shower solution for eliminating leaks and standing water. The ADA- and UPC-approved drain cuts installation time, saves on cost and minimizes impact on customers, the company adds. Onsite adjustability accommodates shower lengths of 26" to 96". QuickDrain. www.quickdrainusa.com



Pre-rinse unit

T&S Brass and Bronze Works' T&S DuraPull is a new pre-rinse unit that features pulldown activation and heavy-duty construction. The DuraPull offers peak performance, unmatched durability and long-term reliability for high-volume kitchens, the company states. Ideal for the rigors of demanding foodservice operations, highly durable ceramic cartridges with a lifetime warranty are included standard. An automatic shutoff prevents water waste by ending the flow of water when the handle is released, eliminating the spray-valve handle and hold-down ring of traditional units. The 1.07-gpm sprayer is complaint with newly effective DOE regulations. **T&S Brass and Bronze Works. www.tsbrass.com**



lue gas venting system

PEX's System 1738 Flue Gas Venting (FGV) is certified to UL 1738. It consists of pipe, fittings, cements and accessories. System 1738 is manufactured to the strict quality, material and system performance requirements of the UL 1738 standard for venting categories II and IV gas-burning appliances, the company notes. It is rated for flue gas temperatures up to 149° F, and includes 2", 3" and 4" sizes. **IPEX. www.ipexna.com**



Bypass valve

Webstone, a brand of NIBCO, announces a new differential pressure bypass valve. DPBVs maintain system performance and efficiency in zoned systems with fixed-speed pumps. Available in sizes 3/4", 1" with Press, FIP, MIP or SWT connections. **Webstone**.

www.webstonevalves.com/dpbv