> Ballanco: Many misconceptions about plumbing venting.



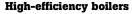
pme





Boiler-pump package

Grundfos' ultra-efficient ALPHA circulators are paired as options on most U.S. Boiler gas cast-iron heating products. Made in the United States, the pump is designed for circulating liquids in light commercial and residential heating systems. It features AUTOADAPT technology, which automatically analyzes the needs of the system and then adjusts operation to changes in demand. By learning the patterns of consumption, it can save end users up to 85% in energy costs when compared to a conventional circulator. **Grundfos. www.grundfos.us**



Raypak expands its Xtherm product platform. The seven model sizes range from 999,000 Btu to 4 million Btu input. The Versa IC fully integrated control system, with built-in Modbus BMS port and cold-water protection functionality, comes standard. Optional BACnet and LONworks gateway modules are available. Cascade up to four boilers and utilize the built-in equal runtime rotation. The line features up to 98% thermal efficiency along with a turndown ratio up to 12:1 depending on model size. The units can be vented with stainless steel, PVC with the D-32 option or polypropylene with the D-33 option. **Raypak. www.raypak.com**



High-efficiency urinal

Kohler's Steward Hybrid highefficiency urinal offers 87% water savings and uses only .0125 gpf. Certified to carry the EPA WaterSense label, the urinal helps earn water-efficiency credit toward LEED certification. The funnel bowl shape virtually eliminates splashback. A flushing spreader, located on the back wall, uses minimal water to deliver a powerful flush that cleans the entire bowl and prevents drain-line issues. **Kohler.** www.kohler.com



Bathroom collection

Icera's Karo Collection features a one-piece sculptural toilet and coordinating lavatories. The high-efficiency toilet is WaterSense-compliant, using 1.28 gpf and clearing more than 1,000 grams of solid waste. It features a chair-height bowl with elongated dimensions, a soft-close lid, a 2 1/8" trapway, Hyperion flushing technology, precision rim jets and a MicroGlaze non-staining antimicrobial finish. The sinks are available in several sizes, can be used with vanities or console tables and are crafted of durable vitreous china or fine Italian fireclay. The collection comes in white and the toilet is available with several alternate trim finishes.

Icera. www.icerausa.com

Touchless HET

American Standard's ActiVate high-efficiency toilets feature high-performance, water-saving and touch-free technology as well as a manual flush button on the outside of the toilet tank. The toilets can successfully flush 2.2 lb. of waste while using a water-saving 1.28 gpf. Its PowerWash bowl cleaning technology provides a quiet, yet powerful flush that scrubs the bowl with pressurized water from the rim during every flush to remove every trace of paper and waste. A decorative, high-quality seat is included with each HET model, as is an EZ-Install kit. **American Standard. www.americanstandard.com**



pme





Fire-tube boiler

RBI's FlexCore 1.5 is built for performance and longevity with symmetrical fire-tube technology. It achieves 95.1% AHRI-certified efficiency and utilizes a precisely temperature-balanced flex-core heat exchanger. It essentially "scrubs" all heat out of the combustion gases, resulting in a compact footprint while absorbing all expansion and contraction with no stress on the tubes. Inside, each tube has been formed in a patented shape that is compressed and dimpled, such that high gas-side film coefficients are created.

RBI. www.rbiwaterheaters.com



High-efficiency toilet

Mansfield Plumbing's Quantum 1.28 pressure-assist HET is ideal for both residential and commercial applications. This contemporary-style toilet features a high-efficiency vessel and large 2 1/8" glazed trapway. One universal tank can be interchanged with six bowls — including round, elongated, elongated ADA, rear outlet standard height, rear outlet ADA and wallmount. It is available in white, biscuit and bone with a chrome trip lever. Mansfield Plumbing. www.mansfieldplumbing.com



Dual-flush model

Gerber's Maxwell is a WaterSense-certified two-piece dual-flush gravity toilet with 1.1/1.6-gpf outputs. It has an elongated rim, 12" rough-in and a double-nut multipoint tank-to-bowl mounting system for easy installation and tank stability. It features a chemical-resistant silicone flapper, non-corrosive solid brass tank-to-bowl bolts and a nonkinking stainless-steel beaded chain. The large water surface and dual-fed siphon jet help keep the bowl clean. Gerber offers a limited lifetime guaranty on the Maxwell dual-flush toilet. **Gerber Plumbing. www.gerberonline.com**



Faucet that produces ozonized water

Lenova's Ozone collection features water-air-patented technology that infuses ozone directly into the water through a chamber inside the spout. This process creates ozonized water that is completely safe to drink. There is no chemical storage required. The ozone concentration is under 0.05 ppm and meets the standard of the U.S. Food and Drug Administration. The collection includes six styles of bath or kitchen faucets to choose from, including a single-lever, twin-lever, pullout, filtered-water, and an ozone sensor style. All are available in brushed-nickel or polished-chrome finishes. **Lenova. www.LenovaSinks.com**

Water treatment system

EcoWater Systems' HydroLink Plus Wi-Fi Web-based technology makes it possible to monitor and manage water-treatment systems and water usage via a smartphone, tablet or computer from inside or outside the home. An online dashboard provides appliance information, such as number of days until salt is empty, cycle schedule, average daily water usage, water used today and gal. of treated water remaining. It also alerts homeowners via text or email when the salt is low and needs refilling and when potential issues are detected. **EcoWater. www.EcoWater.com**



pme

Latest Products



Outdoor water sampling station

American-MC's new EZ-01F outdoor water sampling station will verify the quality of public and private water supplies. The unit comes with a 1" flush valve with a 1" port and a 1/4" sampling valve with a 1/4" port. The EZ-01F meets or exceeds all NSF 61 standards and includes a heavy-duty rust-free aluminum station body and a 10-year guarantee. American-MC. www.american-mc.com



Inspired by the New York City skyline, Barber Wilson's Manhattan faucet has a clean silhouette and geometrical shape that has a classic appeal. The three-hole Manhattan faucet is made of solid brass and comes with a popup drain. The spread is adjustable with flex hoses offered from 6"-10".

Barber Wilson, www.barwil.co.uk

Water treatment filter

Fernox showcased its Filter Fluid+ Protector at the 2016 AHR Expo - a chemical water-treatment unit for central heating systems. The filter incorporates an active dispersant with the company's Protector F1 inhibitor to detect, lift and deliver debris to any system filter while ensuring the heating system remains protected against corrosion and scale. Fernox. www.fernox.com



Multi-user lavatory

Bradley Corp. adds the Verge LVS-Series multiuser lavatory to its line. The LVS-Series is characterized by its elongated and organic design as well as durable low-maintenance features such as individual drains. The lavatory is made from the company's sustainable and moldable Evero natural quartz surface. The basin's seamless contours and linear open concept design allow for easy cleaning and maintenance. Bradley Corp. www.bradleycorp.com



Advanced UV disinfection solution

Watts Water Technologies launches its SmartStream UV, a new solution for ultraviolet water disinfection for commercial and residential applications. SmartStream provides advanced capabilities including automatic lamp dimming, which promotes energy savings, and an automatic lamp identification (wireless RFID), which ensures correct lamp energy management. The system has a small footprint which eases installation and it can be used in drinking water, agriculture, hospitals, laboratories, breweries and other applications. Watts Water Technologies. www.watts.com

