

**COOLING
PRODUCTS**

**CONTROLS
TERMINOLOGY**

**TUBING
TUTORIAL**

HPAC  **HEATING
PLUMBING
AIR CONDITIONING**

ASSET PROTECTION

**THE INS & OUTS OF
CHILLER MAINTENANCE**

**CONTROLLING FLOW RATE
IN MULTI-BRANCH SYSTEMS**

**TIPS ON INSTALLING
WATERLESS TECHNOLOGY**

**INSIDE:
MODERN
HYDRONICS**

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WWW.HPACMAG.COM



PLUMBING PRODUCTS



Rheem's SolPak line of active solar water heating systems now includes tankless gas products and Rheem Marathon storage tanks.

The company's tankless products can be used as secondary water heaters. As an alternative to secondary tankless water heaters, Rheem's Marathon tanks can be used for storage to improve a home's energy efficiency.

www.rheem.com



Apollo Valves has introduced multi-turn cast bronze gate, globe and check valves. The line of bronze multi-turn valves is offered in Class 125 and 150 with threaded or solder ends. Also included are Lead-free varieties.

www.apollovalves.com



SharkBite Toilet and Faucet Kits are designed to simplify fixture hook-up. Kits include push-fit chrome stops, 1/4" (3/8" OD) PEX tubing and toilet or faucet connectors. Risers can be made as needed from the 5' of supplied PEX. www.cashacme.com



A.Y. McDonald Full Port Water Heater Drain Valve Kits can be used to replace factory-installed drain valves that may drain slowly and become clogged with sediment when flushing the water heater. www.aymcdonald.com



The NR83-DVC concentric-vented tankless water heater from Noritz boasts low emissions, reduced electrical consumption and is made from easily-recyclable materials. Inputs

range from 18,000 to 180,000 Btu/h and flow rates vary from 0.5 to 8.3 gallons per minute. www.noritz.com



The French Trilogy of baths by MTI Whirlpools includes two freestanding tubs: the Parisian and the Versailles; and the Normandy, which is made to drop into an enclosure. The Parisian comes in white and is available as a soaking tub or air bath. The Versailles comes in 15 designer colours and is available as a soaking tub or air bath. The Normandy comes in 15 colour options and is available as a soaking tub, whirlpool, air bath or combination. www.mtiwhirlpools.com



The IWU portable pipe camera system from Advanced Inspection Technologies (AIT) is designed for industrial and commercial applications. The system features a 25 ft. spring cable for inspection of pipes with multiple angles, a high resolution CMOS and a minimum-bending radius of three inches. It weighs seven pounds and can snake through accesses as small as 1 inch. www.aitproducts.com



FloodMaster offers a wireless total water main shut-off system that, when a leak is detected, automatically shuts off the water supply line. Model FM-180 is suited to leak detection on multiple floors or levels, particularly in commercial applications. All units offer an optional connection to a security system or control room panel. The system includes an audible alarm and an indicator for low battery. Multiple sensors can be ordered for a single alarm system, and there are a variety of valve sizes for the unit. www.floodmaster.com



Symmons Industries TempControl G-Series thermostatic master mixer valves feature a Thermal Motor with Turbulator to provide water mixing at low flow rates. When adjusting the outlet temperature, the G-Series can accommodate a temperature range from 70F to 150F with an approach temperature of 5F. The valves are available in outlet sizes from 1/2" to 2", as part of Symmons' Hi-Low Systems, as well as pre-assembled with piping, with or without cabinets. TempControl G-Series valves are certified to ASSE 1017-2003 and CSA Standard B-125.3. www.symmons.com/Gseries