

A TMB Publication

Phc News

plumbing & hydronic contractor news

Habitat for Humanity goes green

See story on page 62





Double check valves

Compact Apollo 4SG double check valves take up less valuable real estate, but they are not short on safety. The 4SG Series is approved by the USC FCCC & IIR for both horizontal and vertical-up orientations. They are also ASSE, CSA, UL and FM approved. Sized from 2 1/2" to 8", new Apollo 4SG assemblies feature grooved end connections that reduce weight and length. They also allow for the use of lightweight grooved-end butterfly valves as shut-offs. OS&Y or NRS gate valves, with either grooved or flanged end connections, are also available. **Conbraco.**

Circle 119 on Reader Reply Card

Pump controllers

ZoneSmart pump circulators for residential and light commercial hydronic



applications feature a host of standard features: LEDs visible without removing the cover; domestic hot water priority to ensure adequate DHW supply for a user-selectable period of time; post-purge timer maximizes efficiency by distributing Btus to the living space rather than up the flue; pump exercise prevents wet rotor circulators from locking up with mineral and scale deposits. Four and six controllers can be linked together to accommodate up to 18 zones on a single system. Integrated outdoor reset controls available. **McDonnell & Miller.**

Circle 120 on Reader Reply Card

Bamboo sinks

Line of bamboo sinks consists of three unique models, the W004B, a 16.5" dia. turned bowl, the W005B, a



19" wide arched square, and the W006B, a 19" x 14" low profile rectangular vessel. Attractive, functional, durable and environmentally friendly. Each sink comes standard in a natural honey colored tone, with possible carbonized and dyed versions to follow on demand. **Eden Bath.**

Circle 121 on Reader Reply Card

★ Phc News product of the month ★



Variable voltage circulator

The Variable Voltage 00-VV circulator is the all-in-one, pump/control, variable voltage version of the manufacturer's Variable Speed 00[®] circulator. It operates the pump at different speeds based on an externally generated analog voltage signal input. Accepts four external signal voltage ranges: 0-10 V(dc), 0-20mA, 2-10 V(dc) or 4-20mA signal. Easy to wire with a snap-in PC board and plug-in low voltage wiring terminal. UL approved; integrates seamlessly with DDC or building management systems. Applications include pressure differential maintenance or setpoint temperature. Also features a manual operation switch to validate the pump's operation and internal LEDs. It can be used either linear for standard applications or for logarithmic outputs for use with fan coils. Available in all 00 styles as well as a variable speed setpoint 00 model and a variable speed outdoor reset version. **Taco.**

Circle 118 on Reader Reply Card

Condensing boiler

The PUREFIRE gas-fired, high-efficiency condensing boiler for residential and commercial applications is available for either natural or LP



gas. Direct vent, sealed combustion boiler has 95.85% efficiency. Energy Star[®] approved and has ASME and ETL certifications for both the U.S. and Canada. Features a unique condensate system with float switch protection and built-in neutralizer. A fully modulating burner with 3 to 1 flame modulation assures dependable operation and maximizes boiler efficiency. Has a high grade stainless steel burner and heat exchanger, 120 volt convenience outlet and Low NO_x operation. Zero clearance to combustibles, easy access to controls and leveling legs are standard features. **Peerless Boilers.**

Circle 122 on Reader Reply Card

New FL-Series effluent pumps

Company has expanded its effluent pump line to include larger 1hp, 1.5 hp and 2 hp models. The new pumps feature maximum head capabilities of



over 130 feet and flows to 130 GPM. A dual-sized discharge features a 1 1/2" removable flange with a 2" threaded port for connection to either pipe size. The pumps also feature a standard 25' quick-disconnect power cord and dual shaft seals. 2-year limited warranty. **Liberty Pumps.**

Circle 123 on Reader Reply Card



Flow meter

The user-friendly Sono-Trak transit time flow meter is ideal for clean fluids. Installs in 30 minutes or less with non-invasive, stainless steel quick clamps and heavy duty, urethane-coated cables. Quick set up with menu-driven EZ-Logic[™] user interface and easy-to-read display. Provides plug-and-play i/o module options (pulse, analog, relay, RS-232, RS-485, Btu and data logger) for custom configuration and/or easy field upgrades. **EMCO Flow Systems.**

Circle 124 on Reader Reply Card

Butterfly valves

The 285 PSI ductile iron butterfly valve is the newest addition to company's commercial/industrial line of butterfly valves.



Strong and durability, this valve is a viable alternative to high performance butterfly valves in non-steam applications, and it is a cost effective choice where specifications allow substitutions. The ductile iron body has more than twice the strength of cast iron and is on par with cast steel. Sizes from 2" to 12"; applications including HVAC, domestic water, isolation and throttling. Not for air service. **NIBCO.**

Circle 125 on Reader Reply Card

Differential temperature controller

The iSolar series is a compact, easy-to-install, multi-functional temperature differential controller for solar water heating systems. Preset factory defaults divert surplus heat, maintain tank temperature, protect against overheating, or direct another source to heat the storage tank. Energy meter records production of solar hot water. Four models plus DC voltage for PV powered off-grid applications. Easy-to-use icons on a large LCD display. **Caleffi.**



Circle 126 on Reader Reply Card