

HVAC & PLUMBING PRODUCT NEWS

HVAC/P®

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Energy-
and water-
saving
products



Super Savers

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Super Savers

Showcasing the latest products saving time, energy & costs

The Annual Economic Outlook Survey of HVACR manufacturers, sponsored by the AHR Expo and the *ASHRAE Journal*, was recently published. The survey showed three factors that are expected to be most influential amongst customers this year: reliability, followed by initial costs and energy efficiency. The importance of these three considerations is unchanged from the 2017 survey, indicating these three factors are top of mind for HVACR customers. In other words — factors that come down to a desire for savings: both cost savings and energy savings. As such, the following products are a snapshot of the latest time, money and energy-saving products.



1. DRAMATICALLY REDUCE WATER CONSUMPTION WITH HYBRID CLOSED CIRCUIT EVAPORATIVE COOLER

Dramatically reduce water consumption with Evapco's eco-ATWB-H, a hybrid closed-circuit evaporative cooler. Thanks to cutting-edge finned coil technology and sophisticated SAGE control system, the eco-hybrid is the ultimate solution for both HVAC and large tonnage industrial process installations seeking the highest dry bulb switchover temperatures, reduced water usage, high peak-load output and plume abatement.

With this revolutionary design, the eco-ATWB-H will save water and energy by increasing the unit's efficiency. These coolers are available with factory-mounted water treatment. Ranging in capacity from 1,046 to 20,076 MBH, it is independently certified by the Cooling Technology Institute. [CHECK OR CIRCLE #110](#)

2. COMMERCIAL BOILER SERIES SAVES TIME WITH SIMPLE, QUICK COMMISSIONING

Raypak's XVers commercial stainless steel fire tube boiler has many advanced features that ensure long life and simple, quick commissioning for the installer. With an input range from 856 to 3,006 mBtu/hr, the XVers may be applied to primary flow or primary-secondary systems.

With innovations such as 'Sure Start, integrated flow sensor and simple programming for vent material and glycol, contractors and engineers are able to install with extreme ease. [CHECK OR CIRCLE #111](#)

3. NEW MOTOR MEETS 2018 IEER REQUIREMENTS FOR COMMERCIAL UNITARY SYSTEMS

Motivated by feedback from customers looking to upgrade the performance of their air handling systems, Regal engineers designed an economic solution to conserve power consumption in both full and part load air flow conditions. The goal was to utilize the existing induction motor size for easy replacement, while optimizing motor efficiency to meet 2018 integrated energy-efficiency ratio requirements for commercial unitary systems.

The result is the Opt2MAX motor. The 56/140 frame motor comes pre-programmed with an integrated drive and provides seamless transition from high to low speed. Available in 1-10 horsepower, it is designed for direct drive and belt drive applications. The motor is intended for use in rooftop units, air handlers, exhausters, condenser and chiller fans and other variable torque load applications. [CHECK OR CIRCLE #112](#)

4. SPACE-CONSTRAINED INSTALLATIONS GET A BOOST WITH NEW, SLIM GOODMAN FURNACE

Reducing size but not performance, Goodman Manufacturing has launched a new slimmed-down gas furnace perfect for space-constrained installations. While 14 inches wide, the GMEC96 model furnace still provides high-efficiency heating with 96+ percent AFUE ratings.

Furnaces feature the same heavy-duty aluminized-steel heat exchanger and stainless steel secondary heat exchanger as the brand's larger-size furnaces. The gas furnaces also feature an energy-efficient, multi-speed ECM blower motor; durable Silicon Nitride igniter; a quiet two-speed induced draft blower; self-diagnostic control board with constant memory fault code history output to an LED; color-coded low-voltage terminals with provisions for electronic air cleaner and humidifier and low, continuous fan speed options for quiet air circulation. [CHECK OR CIRCLE #113](#)

5. NEW VIEGA IN-WALL WC CARRIERS DESIGNED FOR GREATER CONSERVATION

The Viega 1.2 / 0.7 gpf in-wall Eco plus WC Carriers are available for use with Viega Visign flush plates, with either manual or touchless trigger. The reduced flush carriers are designed for greater water conservation and come in 2-by-4 and 2-by-6 foot sizes.

The Viega 1.2/0.7 gpf Eco plus WC Carriers feature steel powder-coated frame construction and