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Commercial: HVAC Controls and Control Systems, Zone Controls, VAV, Facility/BAS Controls/Energy Management Systems

Residential: Sheet Metal Fabrication Machines & Tools

Commercial

Advanced Telemetry

EcoView Commercial remotely monitors and controls energy loads in small-to medium-sized commercial



facilities, including HVAC systems, resulting in considerable monetary savings, sources say. Highly predictable, feature rich, scalable and affordable, EcoView Commercial helps businesses reduce total energy consumption by up to 20%, resulting in return on investments, sources say. It's available through HVACR distributors nationwide.

advancedtelemetry.com **circle 159**

Advector

Advector's products use wireless technology to extend the reach of the primary thermostat and provide room-based temperature controls. Users have the ability to set the temperature in every room or office to achieve their individual comfort and energy efficiency goals.

The Advector solution also has redesigned the way that the air enters a room using aerodynamic principles to provide better airflow distribution, helping owners achieve their desired temperature as quickly as possible. Additional technology components include full system automation and infra-

red temperature sensing for the most accurate measurements, sources say. *advectorsystems.com* **circle 160**

Arzel

Arzel announced its latest in comfort and efficiency technology with the GTPro, the industry's first zone control created specifically for geothermal applications. GTPro is an innovative zone control system designed to maximize the strengths and requirements of residential and light commercial geothermal systems.

The GTPro analyzes indoor and outdoor air temperatures, and monitors loop temperature and multi-point thermostat data to maximize service efficiency, operational control, and comfort. By measuring loop temperature, the GTPro allows for more precise system monitoring to save time, money and energy. *arzelzoning.com* **circle 161**



Daikin

Daikin AC Inc. has introduced the new navigation remote controller (Model BRC1E71) for use with Daikin's light commercial, commercial, and residential VRV® products, as well as certain SkyAir models.

The wall-mounted controller features a backlit LCD display as well as intuitive menus. Up to 16 indoor units can be controlled in one group with automatic changeover between heating and cooling modes.

The navigation remote controller features the introduction of occupied and

unoccupied (setback) modes of operation. In the occupied mode, the unit is on and controls temperatures to setpoints. In the unoccupied mode, with setback disabled, the unit is off. When setback is enabled, the unit remains off and will energize once setback setpoints have been reached.

daikinac.com **circle 162**

Ecobee

Ecobee announced that their Energy Management System (EMS) is now available for the commercial market.

According to company sources, the EMS is ideal in applications where a simple programmable thermostat doesn't provide adequate controls and functionality, and a full-scale building automation system is too complex and cost prohibitive.

Just like the smart thermostat, the EMS boasts the same easy-to-use features such as a full color LCD touch screen and programming wizard.

It's also WiFi-enabled and provides users with a dedicated management portal that can be used to remotely monitor, identify, analyze and trouble shoot performance issues.

ecobee.com **circle 163**

Jackson Systems

The Comfort System™ Z-2000 is a commercial zone control system that allows a single HVAC unit to have up to 20 individual zones. Each zone is controlled by its own space thermostat and a modulating zone damper or diffuser. The Z-2000 works with single stage, multi-stage, or heat pump systems and has auxiliary heat control option for each zone. The Z-2000 is competitively priced and easy to install, with no programming required, sources say.

It features fully modulating zone dampers and diffusers, up to 20 zone control and auto changeover. It works with single stage, multi-stage or heat pump systems. No programming is required, and an auxiliary heat control option is available for each zone.

jacksonsystems.com

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Mitsubishi



With the new meZO (Mitsubishi Electric Zone) controller app for iPhone and iPod Touch, users can now control Mitsubishi Electric Cooling and Heating Solutions systems remotely. Using a Wi-Fi connection or mobile service 3G network, the meZO controller app enables users to control City Multi® VRF zoning systems and Mr. Slim® split-ductless and ducted units connected to the Mitsubishi Electric Network (M-NET) and controlled from one of Mitsubishi Electric's proprietary centralized controllers.

The meZO controller app allows users to monitor the zone temperature, turn the indoor unit on or off, and set the mode, temperature, fan speed and vane direction, all without having to be on-site.

mitsubishi.com

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PSG Controls

A new commercial version of PSG's popular Freedom Advantage programmable series offers all of the same features as Freedom Advantage with new and improved software and commercial programmable fan control. It meets ASHRAE building occupancy standards.

The Freedom Advantage series provides one secure control with multiple lockout levels for property management, for residential/commercial needs.

This one thermostat is applicable for single and multi-stage applications. It has flexible programming schedules: 7-day, 5-2, or 5-1-1. In addition, it offers multiple levels of lockout, allowing

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a property manager, building owner, or facility manager to specify setpoint limits or prevent tenant/employee access.
psgcontrols.com **circle 166**

Schneider Electric

Schneider Electric announced the release of its new web-hosted remote energy monitoring service, EnergyView Online. Acting as an energy information portal for the building manager, energy manager or facility manager, EnergyView Online easily integrates with a building's existing or new energy meters, linking them through an internet gateway, to allow for 24-7 web access to a building's energy usage statistics. Energy data files are automatically routed to secure servers where they can be viewed by the customer through a web browser, providing the real-time information and figures needed to identify areas where corrective actions could be taken to more effectively manage energy and decrease costs.

powerlogic.com **circle 167**

Residential

Malco Tools

A compact, pneumatic shear joins the Malco family of metal-cutting TurboShears. According to company sources, the model TSHD1A is the quick solution for cutting extremes of large or tight patterns common with in-shop duct fabrication. This versatile 18-gauge capacity shear cuts straight and to the left and is capable of both fast, straight shearing and navigating tight circular or square pattern cuts. Compatible with most shop or job-site air supplies, specifications are: 2600 RPM, 4CFM (133L/Min.), 90 PSI (6.2 Bar). The long wearing blades are easily replaceable on the job.

malcotools.com **circle 168**

Sheet Metal Connectors

Safety Seal fittings from Sheet Metal Connectors, Inc. feature a double-legged EPDM rubber gasket secured in place with a 180 degree hem.

This gasket creates an airtight con-

nection, which eliminates the need to caulk, resulting in labor savings as well as an aesthetically pleasing job, company sources say. Safety Seal is available on most fittings.

smcduct.com **circle 169**

Milwaukee Electric Tool Corp.

Milwaukee Electric Tool Corporation has expanded its M18 lithium ion system, with the new Hackzall® M18™ cordless, one-handed recip saw. Developed to provide superior control and versatility, the one-



curate cuts while working overhead and in tight spaces, sources say.

The Hackzall recip saw features a dual gear anti-vibration system to achieve the lowest vibration level among all 18V cordless recip saws in the industry. A powerful motor delivers up to 3,000 strokes per minute. A 3/4-in. stroke length rapidly cuts through a wide range of materials, including wood, metal, and PVC.

milwaukeetool.com **Circle 170**

Plasma Automation

The Vicon 8000 HVAC plasma-cutting table is the ultimate solution for complete automation of the duct fitting cutting process. According to company sources, this state-of-the-art plasma-cutting table greatly reduces material waste and operating costs.

- Standard 5-ft. x 10-ft. cutting area with options for up to 6-ft. x 20-ft. cutting area to accommodate various shop requirements.

- Rugged drives are protected with travel limit switches minimizing system wear and tear.

- All aluminum, low inertia gantry produces highly accurate parts and sharp corners and notches during cutting.

plasma-automation.com **circle 171**