

Architectural Record

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New Meets Old
Building for the Arts

Get Smart

Heating and cooling products are greener and more intelligent than ever, thanks to advanced technologies and connectivity.

BY SHEILA KIM



Inverter Heat Pump Water Heater

LG Electronics' latest water heater utilizes inverter technology that operates with an efficient uniform energy factor of 3.75, which has the potential to save more than 70% of the energy used by conventional electric heaters. End users can easily monitor and control the water heater via LG's ThinQ smartphone app.

lg.com



Smatrix Pulse

A new HVAC control system from Uponor, Smatrix Pulse provides wireless control of both radiant and forced-air systems for up to six zones, employing digital thermostats, sensors, and communication modules. The product's app allows homeowners to view, set, and adjust room temperatures as well as track data for each zone. Its auto-balancing option detects usage patterns to distribute energy efficiently.

uponor.com



Cool-Space 350 and 400

A more cost-effective solution than air-conditioning, Cool-Space by Big Ass Fans is an evaporative cooler for large commercial structures such as warehouses and factories. New to the series are the 350 and 400 models, which boast motors that can cool up to 2,300 and 3,600 square feet, respectively, for up to 10 hours. A design with casters also makes them portable.

bigassfans.com



Platinum Smart-Heat Electric

Well suited to outdoor venues, ranging from rooftop bars to residential patios, this radiant heater by Bromic is now offered in a 4500-watt version to cover more ground, up to 143 square feet, while blending into the architecture. It can be specified with a white- or black-tinted ceramic glass face. Wall- and ceiling-mounting kits are available.

bromic.com



Triton Super Duty

Rheem has been steadily improving the efficiency of its commercial water heaters, as displayed in the company's newest offering, the Triton Super Duty, which features a triple-pass heat exchanger. The system is equipped with Rheem's EcoNet technology and integrated Wi-Fi, which provides diagnostics and usage reports, in addition to leak detection.

rheem.com





Medical Lockers

Hollman's medical-grade lockers have an antimicrobial finish said to reduce the incidence of staph infection by 99.79% and withstand harsh chemical cleaners such as bleach and ammonium chloride. Additionally, they are constructed with a phenolic material that renders them waterproof and moisture-resistant. An anti-ligature hardware option is available for behavioral health applications.

hollman.com



Expanded Healthy Environments

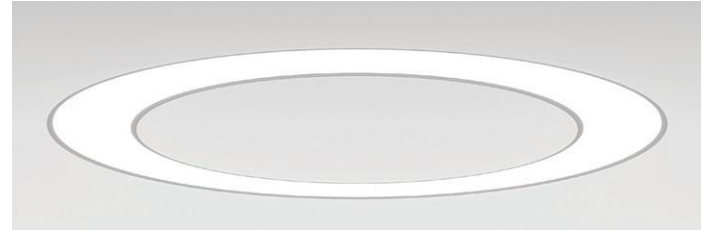
A staple in health-care environments, Mohawk Group's Healthy Environments resilient sheet flooring portfolio just got bigger with new colorways, sizes, and styles. These include a homogeneous line with a flecked surface that comes in a wide range of colors, and a heterogeneous group offered in varied wood (left) and textile patterns.

mohawkgroup.com

A Healthy Dose of Design

"Wellness" and "flexibility" are buzzwords in today's medical environments, and these products provide a perfect amount of each.

BY SHEILA KIM



BalancedCare MRI Series

When it comes to aesthetics, exam rooms still fall behind public-space design in health-care settings. Axis Lighting is doing its best to rectify this with its suite of MRI-room LED luminaires. Designed to integrate into the latest Imaging Rooms, the line comprises downlights, sconces, and recessed fixtures that meet Military Standard 461G for reducing electromagnetic interference during an MRI scan.

balancedcare.axislighting.com



DualSwing Door System

With an asymmetrical design, TGP's DualSwing system comprises a conventional swing door and a narrower secondary leaf that, when opened together, provide a wider entry as needed in health-care applications ranging from acute-care and patient rooms to imaging and operating suites. The doors are smoke rated and offered in a range of widths.

fireglass.com

Cleanroom Doors

Horton Automatics has added 17 new manual and automatic sliding-door models to its cleanroom ISO-rated collection. The certification guarantees that the products comply with strict standards for emissions of airborne particulates, making them suitable for medical spaces as well as chemical- and electronics-manufacturing plants.

hortondoors.com

