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1. A Smart Vent Hood

The newest addition to Elica's Techne Plus series is the Stoney Island vent hood, which communicates with the company's Gold induction cooktop. Available in 36-inch and 42-inch widths, the glass and stainless steel hood reportedly uses wireless sensors to monitor cooking vapors and temperature, automatically adjusting to maintain optimal settings. The hood also features glass touch controls, a 600-cfm blower, and LED dimmable lighting. Pricing ranges from \$1,530 to \$1,730. elica.com



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2. Versatile Exterior Siding

James Hardie's Aspyre Collection of fiber-cement exteriors encompasses the company's Reveal Panel System and its Artisan siding. The Reveal Panel System offers smooth, 7/16-inch-thick exterior siding panels. Options include recessed or surround trim, and countersunk or exposed fasteners. The 5/8-inch-thick Artisan siding is designed for modern, streamlined settings and is offered in six styles. Both products are available primed for paint. Pricing varies by square footage, model, and distribution market. jameshardie.com



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3. A Sintered Stone Surface

Retrostone, from the Fusion Collection, is Neolith's newest sintered stone decor for flooring, interior wall cladding, and countertop applications. A mosaic of marble and granite chips set in concrete, Retrostone is composed of clays, feldspar, silica, and natural mineral oxides, making it recyclable, durable, and low maintenance. Retrostone is available in 6mm and 12mm thicknesses and a silk finish. Pricing varies by slab size, fabrication, color, and finish selection. neolith.com

4. Integrated Rainscreen for Masonry Veneer

Certainteed recently introduced Stonefacade, a concrete masonry veneer that doesn't require mortar; instead, panels attach over the wall's weather barrier with screws through a stainless clip. This installation system creates a 3/8-inch air space and weep channels behind the stone that promise to alleviate water-intrusion problems that have plagued conventional "faux stone" products when poorly installed. The ledgestone-look panels are 8 inches high in 10-, 14- and 24-inch widths. Pricing is not yet available. certainteed.com

BY KATHLEEN BROWN

5. Smart Water Monitoring

The Flo water security and management system from Flo Technologies monitors water flow, temperature, and pressure, reports that information to the homeowner, and learns the home's typical water-usage patterns over time. The Flo system consists of a Wi-Fi-connected monitor installed on the home's main water supply and an accompanying smartphone app. The company says Flo can detect small leaks, shut off water supply if a pipe bursts, and alert homeowners if pipes are about to freeze. Pricing starts at \$400, which reportedly includes installation. meetflo.com

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6. New Palm Nailer

Estwing has partnered with Prime Global Products to manufacture and distribute a line of pneumatic nailers, including a Mini Palm Nailer (\$50). It weighs 1.4 pounds and is designed for working in tight spaces and installing joist hangers, decking, and fencing. Its air filter and anti-dust cap help keep it clean, and a 1/4-inch NPD swivel rotates a full 360 degrees. It takes 6D to 16D nails 2 to 4 inches long and operates at 80 to 100 psi. estwing.com

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7. A Highly Efficient Toilet

Niagara Conservation's Nano Toilet uses vacuum-assist technology to achieve an average of 0.6 gallons per flush. WaterSense certified and MaP premium rated, the toilet is touted as one of the most water-efficient toilet fixtures on the market. The Nano's compact design is ideal for tight spaces or tiny homes, the company says, while its elongated bowl preserves user comfort. The toilet also includes a noise-cancelling water tank and 10-year warranty. Prices are \$204 for the Nano single flush and \$214 for the double flush. niagaracorp.com

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8. A Tankless Gas Water Heater

Rheem's Prestige Series Mid-Efficiency Indoor Tankless Gas Water Heater with Built-In Recirculation provides continuous hot water on demand while reducing cold-water waste. The Prestige runs only when turned on by the user; when activated, it recirculates cold water through a return line instead of letting it run down the drain. The company claims that this recirculation can save a household a significant amount of hot water and energy. Rheem's Prestige heater is priced from about \$1,200. rheem.com

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Products

9. A Strong Composite Subfloor

LP's newest composite subfloor panels are bonded at the molecular level with Gorilla Glue Technology and retain their shape and size when exposed to moisture or the elements, the company says. The LP Legacy sports exceptional fastener holding, reduced chances of nail pops or movement over time, and higher performance for finished materials, including hardwoods, according to the manufacturer. Pricing varies by market, but according to LP, panels are typically available for a modest premium over commodity Sturd-I-Floor panels. lpcorp.com

10. Streamlined Duct Installation

Panasonic Eco Solutions North America's new EZ Soffit Vent allows contractors to complete ducting work before the soffit panel is installed. Its low-resistance backdraft damper helps eliminate drafts in the home and improves blower-door test results, the company says, while the grille can be rotated 180 degrees to align discharge with ductwork. By streamlining duct installation, the EZ Soffit Vent enables better fan performance, lower callback rates, and increased energy efficiency, Panasonic says. Prices start at \$34.50. panasonic.com

11. Three Trim Adhesives

Azek Building Products added three new solutions to its line of professional adhesives and sealants. The Fast Cure solution is designed for core-to-core bonding and cures within five to eight minutes. The Slow Cure is designed for surface bonding, assembling larger parts, and creating fills and blends, curing within 20 to 25 minutes. The Fill and Flex is made to seal gaps around windows and doors, as well as expansion-contraction joints in PVC trim boards. Prices range from \$11 to \$32. azek.com

12. A Screwless Door Frame

Trimlite's Solution Series is a one-piece, screwless door frame that cuts down on installation time, with no frame plugs needed. Its low-profile appearance and clean lines integrate with modern, Craftsman, or mid-century architectural styles, the company says. Trimlite's Solution Series frame features a 3/16-inch Shaker-style profile and a compression seal to protect from water infiltration. ABS plastic frames are available in white or tan vertical wood patterns, and pair with 11 energy-efficient glass styles. Prices start at \$27 and increase depending on glass and frame size. trimlite.com

