



BRICKS (FAB) AND PAVERS (FAP) ▶
CALSTAR

Clearly this could have gone under our sustainable nominees—if we had one for the multifamily section—though CalStar’s bricks and pavers also perform well and look good. Designers certainly can’t tell the difference by looking at the brick, which has just 15% of the energy of a fired clay brick. For commercial construction, the environmental impact is impressive. For a 100,000-unit project, CalStar’s FAB brick avoids 170,000 pounds—over 85 tons—of landfilling; avoids 210 tons of new raw material mining and reduces CO2 emissions by over 80,000 lbs (40 tons). FAP (pavers) comes in standard and tumbled finishes—and in eight colors. And with 40% recycled content, the FAP has an 85% lower CO2 footprint versus a concrete paver. That impressed us.

WWW.CALSTARPRODUCTS.COM



◀ **W5B-30P COMPRESSOR**
JENNY PRODUCTS

Jenny Products’ W5B-30P two-stage, electric-powered compressor is a wheeled-portable unit designed to produce high air flow while meeting the demands of tough jobsites. We chose this power-packed unit because it includes a 30-gallon air tank and features Jenny’s “W” pump, a four-cylinder, two-stage pump with long piston strokes for producing large volumes of air at high pressure ratings. The W5B-30P includes two fully pneumatic tires, while lifting handles are integrated into opposite ends of the compressor’s frame. Additionally, the compressor comes equipped with a manual tank drain, safety relief valve, large canister intake with replaceable filter elements, special unloading valves, protected fittings, and tank, regulator and outlet pressure gauges.

WWW.JENNYPRODUCTSINC.COM



◀ **WIRELESS THERMOSTAT**
MILLENNIAL NET

Developers and building owners hate callbacks or jobsite visits, so here’s one solution to prevent that. Millennial Net’s Wi-Stat IIIp wireless pneumatic Direct Digital Control (DDC) thermostat utilizes the IEEE 802.15.4 standard and 2.4 GHz radio band. Unlike conventional bi-metal pneumatic (mechanical) thermostats, the Wi-Stat IIIp has no mechanical parts, operating on totally different principles that enable unmatched reliability, longevity and flexibility. This improves control quality and responsiveness, reduces the cost and frequency of unit replacement and maintenance, and eliminates routine maintenance and recalibration.

WWW.MILLENNIALNET.COM



◀ **MAX-I-MUM XL SYSTEM**
FABRICATION TOOL
TAPCO

It takes less space on a jobsite and weighs less, which compelled us to pick this fabrication tool from Tapco. The MAX-I-MUM XL System brake weighs in at just 133 pounds with a capacity to handle thick metals like 24-gauge galvanized and stainless sheet steel, .040 aluminum and 32-ounce soft and annealed copper. The MAX enhances productivity for architectural, commercial, residential and industrial sheet metal fabrication. From galvanized flashing to HVAC metalwork, and commercial low-slope roofing to steel wall panels, the MAX is designed to make fabrication easier. Tapco’s patented Moving Pivot Hinge allows increased bending power without marring materials. Dual locking handles provide fast, secure clamping. The brake’s hemming capability allows for 180-degree overbends. Tapco’s MAX Cut-Off heavy-duty roller shear is also included with the MAX for superior productivity.

WWW.TAPCOTOOLS.COM

PERMEABLE COMPOSITE PAVERS ▶
VAST ENTERPRISES

Sure, the Vast Composite Permeable Pavers help reduce rain runoff into storm drains and decrease stormwater pollutants by infiltrating rainwater on building sites. The pavers also weigh 8.2 pounds per square foot, versus 30 or more pounds per square foot for concrete permeable pavers, making them less energy-intensive and less costly to transport, easier to work with on jobsites, and great for use in flat and green roof applications. Yes, we liked those features, but we really liked the patented grid system Vast employs that saves time and reduces the amount of labor required for paver installation. Installation is fairly easy: Insert Vast pavers into the grid, in any designed pattern, and the pavers are automatically aligned for excellent results. Contractors can routinely reduce paver installation time by more than 65%, says Vast.

WWW.VASTPAVERS.COM

