

CONSULTING - SPECIFYING

engineer

— 2026
**PRODUCT
OF THE YEAR**

WINNERS

Innovative. Sustainable.
High-Performing.

These are the products bringing us to the future.

Next-Gen Solutions for High-Performance Building Systems

The *Consulting-Specifying Engineer* Product of the Year program continues to recognize excellence in the mechanical, fire/life safety, electrical, lighting, plumbing, power generation and related nonresidential building systems markets. This annual reader-choice awards program is designed to give *Consulting-Specifying Engineer's* audience a closer look at the most innovative, practical and impactful products introduced to the North American market in 2025.

For the 2026 program, manufacturers and marketing agencies nominated eligible products for consideration. Those entries were featured in a dedicated ebook and included on an online voting ballot, where *Consulting-Specifying Engineer* readers evaluated products based on technological advancement, service to the industry and market impact. Their votes help identify the solutions that are addressing today's most pressing engineering challenges, from energy efficiency and electrification to safety, resiliency, digitalization and critical infrastructure performance.

This year's Winners eBook features 19 outstanding products across six categories, along with one product earning the distinguished Most Valuable Product honor — the highest accolade in the program. The following pages highlight the 2026 winners and the innovations helping engineers, facility owners and project teams design, specify and operate the next generation of high-performing nonresidential buildings.



CONSULTING - SPECIFYING
engineer
— 2026
**PRODUCT
OF THE YEAR**



Table of Contents

- 4** Most Valuable Product (MVP)
- 5** Controls, Automation & Drives
- 8** HVAC/R & Thermal Systems
- 12** Lighting, Wiring & Electrical Devices
- 15** Plumbing & Water Systems
- 18** Power Generation & Electrical Infrastructure
- 21** Safety, Security & Monitoring Systems

MOST VALUABLE PRODUCT (MVP)

COMPETING SPECIALTY
engineer
2026
PRODUCT
OF THE
YEAR



Fuel-Agnostic Modular Power Generation System

The KARNØ Power Module is a fuel-agnostic power generation system designed to provide on-demand electricity from a wide range of fuel sources. Its modular, scalable design supports use across data center, commercial, industrial and defense applications. The system is designed to operate on more than 20 fuels and deliver reliable power with ultra-low emissions without requiring aftertreatment. It can also switch between fuel sources without impacting power quality. With a compact footprint and low-maintenance design, the KARNØ Power Module offers flexible onsite power generation where fuel availability or performance requirements may vary.



www.hyliion.com



1-833-495-4466



Email Hyliion

Controls, Automation & Drives



Ductless Arc-Resistant Medium-Voltage VFD

The SC9000 EP is a ductless, arc-resistant medium-voltage variable frequency drive designed to enhance electrical safety in motor control applications. Its ductless design reduces installation complexity and space requirements by eliminating the external exhaust ducts typically required in arc-resistant enclosures. Certified to IEEE C37.20.7, it is rated to withstand arc faults up to 50 kA in a Type 2B enclosure, helping protect personnel even with open low-voltage doors. The drive is suited for applications in oil and gas, HVAC, water treatment and other critical infrastructure where safety, energy efficiency and uptime are priorities.

Eaton

www.eaton.com

 View all of the product & company details **here!**

Controls, Automation & Drives



SIL2 Safety Control System

PACSystems RX3i CPS400 Safety Controller provides a secure, scalable SIL2-certified platform for safety-critical applications including fire and gas, burner management and emergency shutdown systems. With 64 MB of memory, support for up to 2,000 I/O and IEC 61508 certification, it delivers reliable performance across a wide range of facilities and process environments. Built-in Secure Boot, TPM and redundant architectures help protect data and maintain system availability. A major redesign adds hot-standby redundancy, enhanced cybersecurity features and seamless integration with PAC Machine Edition software to streamline development, certification and deployment of compliant safety systems.

Emerson

www.emerson.com

 View all of the product & company details **here!**

Controls, Automation & Drives



goinfinitum.com

High-Efficiency Motor System

Aircore Heavy Duty is a high-efficiency motor system designed for mission-critical HVAC fan and pump applications. Featuring a printed circuit board stator, integrated variable frequency drive and serviceable design, it is engineered to power heavy loads while reducing energy consumption, emissions and waste. The system is designed to deliver up to 25% greater efficiency along with high power density and reliable performance. Aircore Heavy Duty maintains high efficiency across a wide operating range and is suited for demanding applications such as HVAC equipment, vertical inline pumps and coolant distribution units used in artificial intelligence data centers and other critical facilities.

Infinitem

 View all of the product & company details **here!**

HVAC/R & Thermal Systems



www.greenheck.com

Mixed-Air Rooftop HVAC Unit

Model RT is a rooftop unit designed for mixed air applications, bridging the gap between traditional rooftop ventilators and dedicated outdoor air systems. It is built to control both temperature and humidity, with several high-performance features offered as standard. Inverter scroll compressors support efficient part-load operation, while direct-drive supply and exhaust fans provide a wide performance range and standard modulation capability for variable air volume systems. Electronically commutated fan motors on the condenser fans modulate to help reduce energy use by controlling head pressure. Air-source heat pumps and additional options are available to meet specific project requirements.

Greenheck

 View all of the product & company details **here!**

HVAC/R & Thermal Systems



Hybrid Heat Rooftop HVAC Unit

The WeatherMaster 48QE rooftop unit combines heat pump compression with auxiliary gas heating to support flexible operation across varying climates. It can operate as a heat pump, a hybrid heat system using gas and heat pump simultaneously or as a gas heat unit when ambient temperatures fall below the low-ambient cutoff. The unit is designed to maintain occupant comfort in diverse conditions. WeatherMaster rooftops also feature EcoBlue Fan Technology, a direct-drive indoor fan system using a vane axial fan with an electronically commutated motor. Compared to legacy belt-drive designs, this system has 75% fewer moving parts and can use up to 40% less energy.

Carrier

www.carrier.com

 View all of the product & company details **here!**

HVAC/R & Thermal Systems



www.copeland.com

Transcritical CO₂ Scroll Compressor With Vapor Injection

The Copeland transcritical CO₂ scroll compressor expands opportunities for carbon dioxide refrigeration in smaller-footprint, distributed systems. Designed to deliver strong system efficiency and performance, it helps simplify design complexity while increasing application flexibility for carbon dioxide refrigeration in small- to large-format stores. The compressor is intended for use in distributed rack architectures or single-compressor condensing units and is available in both fixed- and variable-speed configurations. All models feature dynamic vapor injection technology, which helps simplify operation and system design, improve efficiency, reduce applied costs and support reliable refrigeration across a range of climates.

Copeland

 View all of the product & company details **here!**

HVAC/R & Thermal Systems



Ultra-High Efficiency Variable-Speed Rooftop Unit

Model L rooftop units are designed to deliver high energy performance and long-term life cycle value through advanced variable-speed technology and the Lennox CORE Control System. The platform achieves efficiency ratings of up to 14.3 EER2, 21.2 SEER2 and 23.1 IEER. An intelligent variable-speed cooling system and advanced dehumidification capabilities help maintain consistent performance across a wide range of applications and operating conditions. The design is intended to support energy optimization while helping reduce total cost of ownership over the life of the system.

Lennox Commercial

[www.lennox.com/
commercial](http://www.lennox.com/commercial)

 View all of the product & company details **here!**

Lighting, Wiring & Electrical Devices



www.eaton.com

Hazardous-Location Cable Glands

The Crouse-Hinds CGB2 and CGE2 cable glands are designed to protect cables across hazardous industrial areas as well as commercial and data center applications. They feature extended temperature ratings for tray cable/type P (-40°C to 100°C) and flexible cord (-40°C to 80°C). The design supports a wide range of cable types and sizes while reducing the number of SKUs to stock. Multicolor, on-site interchangeable grommets accommodate a broad cable diameter range and adapt to both undersized and oversized cables. The glands are available in 0.5 to 1.5-inch NPT sizes in aluminum or steel, with straight or 90-degree configurations and an optional sealing gasket.

Eaton

 View all of the product & company details **here!**

Lighting, Wiring & Electrical Devices



champion
fiberglass.com

Expandable Electrical Utility Riser

Expandable Utility Risers are designed to simplify installation of underground electrical cable connections to panel and meter boxes. The expandable riser requires no cutting or gluing, supporting faster field installation. Lightweight and corrosion-resistant, it also offers a low coefficient of friction to ease cable placement. The riser is height adjustable and operates in temperatures from -40°F to 230°F . It is designed to accommodate expansion and contraction caused by temperature changes, ground settling and freeze/thaw cycles. The product is impact resistant, UV resistant and can be manufactured with customer-specific transitions including PVC couplers, stubs and fiberglass or PVC adapters.

Champion Fiberglass

 View all of the product & company details **here!**

Lighting, Wiring & Electrical Devices



www.dmf-lighting.com

Modular Commercial Downlight System

The C Series 4- and 6-inch commercial downlights feature a modular, tool-less, plug-and-play design with housing, light engine module and trim components, providing a balance of performance, serviceability and affordability. Drivers are integrated into the modules, enabling easy, cost-effective replacement from below the ceiling without removing ceiling materials. This approach supports faster servicing and touch-safe onsite changes. Modules include an adjustable lumen switch (1,000, 1,500 or 2,000 lumens) or fixed output options, allowing one module to be used across varying ceiling heights. Trims incorporate an integrated mixing chamber and wide-angle dispersion for high efficiency.

DMF Lighting

 View all of the product & company details **here!**

Plumbing & Water Systems



www.hotwater.com

High-Efficiency Commercial Gas Water Heater

The Cyclone Flex commercial gas water heater delivers high-efficiency performance while incorporating advanced combustion and monitoring technologies. Featuring first-to-market AiQ adaptive gas technology, it supports clean, stable and efficient combustion. Longer venting runs and multiple size options provide added installation flexibility. With thermal efficiency of up to 98%, integrated leak detection, iCOMM remote monitoring and over-the-air updates, the system supports reliable operation and ongoing performance optimization in commercial applications.

A. O. Smith

 View all of the product & company details **here!**

Plumbing & Water Systems



www.victaulic.com

Stainless Steel Butterfly Valve

The Series 250 Butterfly Valve is designed for water service applications including potable and domestic water, technology cooling and HVAC systems. Available in sizes from 2 to 12 inches, it is constructed from 304 stainless steel so wetted surfaces match pipe system materials for improved corrosion resistance. Next-generation gasket formulations are designed to resist chlorine and chloramine while meeting global drinking water approvals. The valve features an innovative sealing structure and a precisely profiled 304 stainless steel disc to support bubble-tight, bidirectional sealing. Versatile actuation options, 50% reduced weight and 360-degree positioning help simplify installation and operation.

Victaulic

 View all of the product & company details **here!**

Plumbing & Water Systems



Commercial Tankless Water Heater Installation Kit

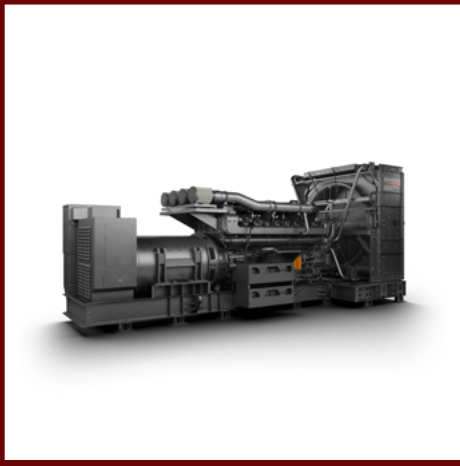
The Commercial Manifold Kit (CMK) and Commercial Rack Kit (CRK) are designed to streamline installation of multiple commercial tankless water heaters into a single high-capacity system. The CMK includes a wall-mounted installation template to support precise placement, while the CRK provides an expandable rack frame for scalable hot water output. Assembly requires 12 bolts for the CMK and 8 for the CRK, reducing hardware use by 80% compared to traditional systems and helping cut installation time. Designed for both new construction and emergency replacements, the kits provide a flexible solution for commercial applications requiring continuous hot water.

Noritz America

<https://noritz.com>

 View all of the product & company details **here!**

Power Generation & Electrical Infrastructure



3,250 kW Diesel Data Center Generator

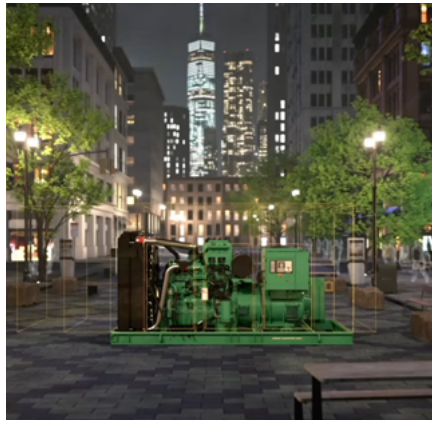
The SDMD3250 is a 3,250 kW diesel industrial generator designed for data center power applications. It is engineered to support reliability, faster deployment and integration with microgrid and energy storage solutions. A high-pressure common rail fuel system provides strong transient response, while high-ambient derate capability and 50°C cooling packages support operation in demanding environments. The generator includes Marathon DataMAX alternators designed for global data center requirements, along with a redundant starting system for added reliability. Configurable circuit breakers provide installation flexibility to meet different project needs.

Generac Power Systems

www.generac.com

 View all of the product & company details **here!**

Power Generation & Electrical Infrastructure



Compact 1,000 kW Generator Set

Built on a new 17-L engine platform, the S17 Centum Series generator sets are designed to deliver 1,000 kW of power generation in a compact footprint. Developed from a clean-sheet design, the solution is intended to support high-performance power needs where space is limited, including urban installations. The S17 is positioned for customers in health care, water infrastructure and commercial facilities seeking cost-efficient onsite power.

Cummins Power Generation

www.cummins.com

 View all of the product & company details **here!**

Power Generation & Electrical Infrastructure



www.se.com

Hot-Swappable Power Source Control Interface

The PowerLogic Source Controller is designed to support zero-downtime requirements and improved serviceability for critical power systems. Its hot-swappable user interface allows component replacement without depowering critical loads, helping reduce maintenance disruptions. A 4.3-inch touchscreen integrates metering directly for simplified operation and minimal training. Remote diagnostics via Modbus and 1,000-event logging provide operational insight, while closed-door USB firmware upgrades help reduce arc-flash exposure. Plug-and-play retrofit capability supports upgrades for ASCO Group 5 systems. The controller is designed to help balance maintenance needs with continuous operation.

ASCO Power Technologies - Schneider Electric

 View all of the product & company details **here!**

Safety, Security & Monitoring Systems



Fire Alarm System Simulation Software

Fire Digital Twin is a software designed to virtually simulate complete fire alarm systems, including control panels, transponders, power supplies, remote displays and initiating devices. It can generate system- and device-level events such as alarms, supervisory and trouble conditions, shorts and opens. The software allows users to replicate projects of varying sizes to validate system configurations prior to installation. By enabling virtual troubleshooting and training without physical hardware, Fire Digital Twin helps reduce commissioning time, improve programming accuracy and support more efficient system deployment and maintenance.

Siemens

www.siemens.com

 View all of the product & company details **here!**

Safety, Security & Monitoring Systems



A2L Refrigerant Leak Detection Sensor Module

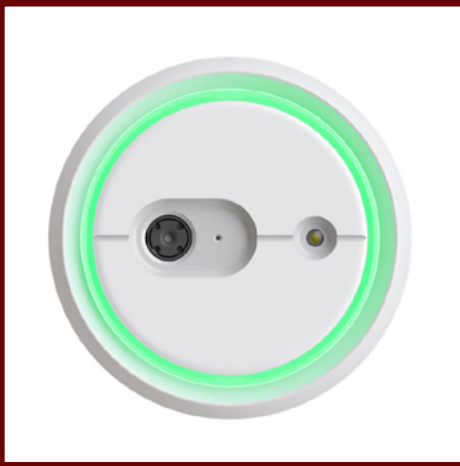
The MGD Series is an A2L refrigerant leak detection sensor designed for HVAC/R systems. Using Speed of Sound technology, it provides accurate detection, rapid response and embedded self-diagnostics in a compact, original equipment manufacturer-ready module. The sensor is compatible with refrigerants including R32, R454 and R455, with multigas detection supported under a single part number to simplify design and inventory. It is engineered for resistance to poisoning, humidity and high-temperature operation. With a maintenance-free lifetime of more than 15 years, the MGD Series supports long-term safety and reliability in refrigerant monitoring applications.

Sensata Technologies

www.sensata.com

 View all of the product & company details **here!**

Safety, Security & Monitoring Systems



www.distech-controls.com

Multi-Sensor Building Intelligence Device

Resense Move is a smart building sensor designed to integrate multiple sensing functions into a single device. It combines AI-powered thermal sensing, real-time indoor air quality monitoring and universal compatibility with building management system and internet of things platforms. By consolidating the capabilities of multiple standalone devices, it supports improved accuracy, energy efficiency, occupant comfort and operational insight. Key features include privacy-compliant people counting, total volatile organic compound monitoring and an intuitive LED feedback system. The sensor is intended to provide actionable data for facility managers, occupants and tenants to support informed decisions and optimized building performance.

Distech Controls

 View all of the product & company details **here!**

CONSULTING - SPECIFYING
engineer

—2026
**PRODUCT
OF THE YEAR**