

2012 Guidelines for Product Solutions

Almost every issue of *American School & University*, with the exception of the August and November issues, features a Product Solutions section that showcases new products and product applications relevant to education facilities operations.

New products are highlighted with a brief product description, along with a photo.

- Products should be described in 55 to 75 words.

- Photos should be in color and show a basic image of the product. Logos generally are not acceptable. It is possible to feature only a product description if a photo is not available.

Case studies highlight a problem-solving application at a school or university, along with a photo.

Example: A particular school district needs a new roof but is on a tight budget and wants minimal interruption to students. A certain company that specializes in roofing helps the school determine a way to install a new roof and still meet its budget and deadline.

- Case studies should be about 300 words.

- Photos should feature an action shot of the product in use or of the product being installed at the education institution mentioned in the case study. If this is not available, a general photo of the education institution can be used. General product shots are not acceptable for case studies.

- Case studies should have occurred within the last year.

- Include quotes from key administrators at the institution. Quotes from company representatives will not be included.

Images can be sent via e-mail or on CD at 300 dpi for a 4-inch by 5-inch format or larger and in a .tif, .eps or .jpg format. Please make sure the photos are labeled with any descriptive material, such as the name of the school, as well as any photographer credit.

- Because of the volume of case studies submitted, AS&U cannot guarantee publication. In addition, there is a waiting list that averages four to five months from submission to publication.

SEND MATERIALS TO

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PRODUCT SOLUTIONS

TOP-LEVEL TRAINING

Culinary-arts center benefits from make-up-air units

Greenheck. Moraine Park Technical College, Fond du Lac, Wis., expanded its Culinary Arts Center by remodeling a production kitchen, and by adding a new gallery kitchen and learning kitchen. Because this is not a 24-hour kitchen operation, peak use occurs only during scheduled instructional periods followed by extremely low levels of operation. Achieving energy efficiency during non-peak times and effectively exhausting smoke and grease during high-use periods were primary concerns. Also, outdoor air during the school year in Wisconsin can range from -20°F in the winter to 90°F in the early fall and late spring, so student comfort needed to be addressed. This project had many challenges because of the multiple kitchens and cooking stations. A meeting at Greenheck to coordinate the project was instrumental in solving those challenges, and included building facility manager Tim Flood and other consultants and architects. Flood wanted the kitchen to be air conditioned, but did not want to condition all the makeup air. Therefore, two make-up-air units were installed; each unit provides about 50 percent of the makeup air for the kitchen hoods. One unit provides heated air directly to the seven hoods, and the second unit provides heating and cooling to the hoods and also delivers air to the kitchen space. The makeup air supplied to the hoods is regulated by variable-air-volume (VAV) boxes to match the precise volume of makeup air to exhaust air drawn from hoods while in use during classroom sessions. Grease Grabber duct-filtration systems within the hoods capture up to 80 percent of the grease particulate while as many as seven student chefs at one time practice grilling and frying skills.

Moraine Park Technical College, Culinary Arts Center, Fond du Lac, Wis.

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Intelligent padlocks

Videx. New intelligent padlocks provide electronic access control and auditing. A padlock can be converted quickly into a full-functioning access-control system simply by replacing its mechanical cylinder with a CyberLock electronic cylinder. Padlocks retrofitted with these intelligent cylinders are a solution where controlled access and the ability to track lock openings are needed. A full line of padlocks with the electronic cylinder pre-installed also is available.

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Exit signs

High-Lites. HPL Series exit signs are designed to absorb and store ambient fluorescent, metal halide or mercury vapor light energy, without any need for battery or electric power, making them an ideal, energy-conserving choice for green projects. In the event of a building power outage or other ambient lighting interruption, the HPL exit's stored light energy immediately creates a clearly visible photoluminescent panel showing the path to the nearest exit.

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Propane stripping machine

Belco Corporation. Lil Bertha XSM24 Propane Stripping Machine powers through floor finish four times faster than floor machines and two times faster than automatic scrubbers. Using advanced scrubbing technology, the machine has three under-deck grit brushes that rotate counter-clockwise while the entire deck rotates clockwise. This dual action scrubs through floor finish at extreme speeds, producing the ultimate strip out. The small size makes it easily transportable to and from workites by one person.

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