

APRIL 2011

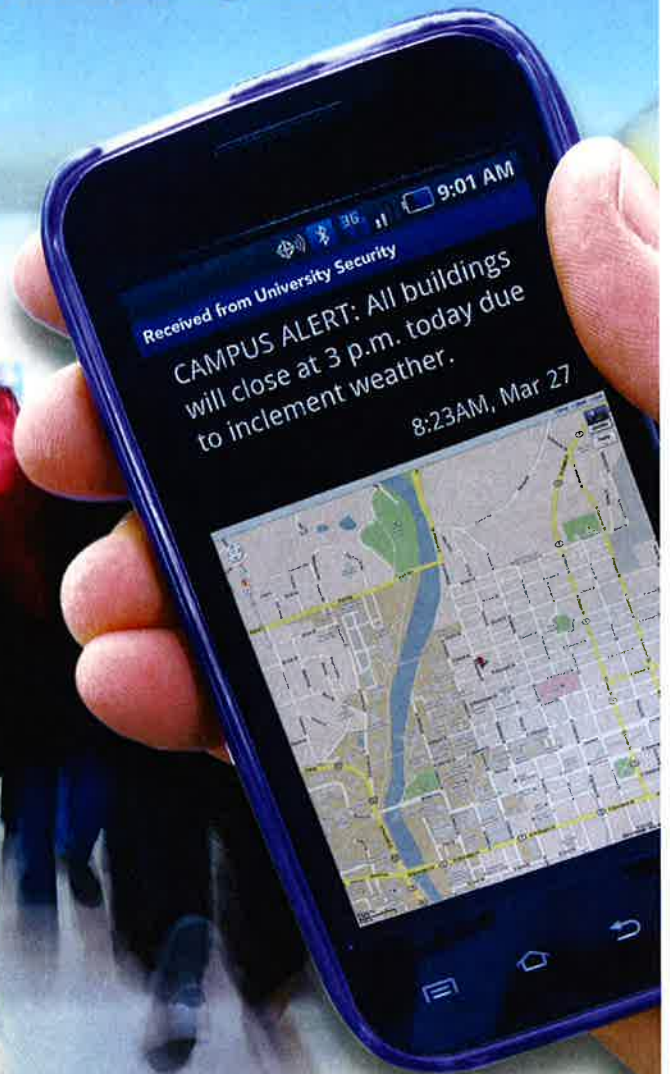
CONSULTING + SPECIFYING

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FIRE & LIFE SAFETY

## Engineering an emergency communication system | page 20



CFE Media.



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Lighting, LEDs, daylighting, and controls | pages 42, 46

PERIODICAL

# New Products

E-MAIL PRODUCT NEWS TO: [CSEPRODUCTS@CFEMEDIA.COM](mailto:CSEPRODUCTS@CFEMEDIA.COM)

## » Cabinet controller

Danfoss has introduced the ERC 102, the first in a series of electronic refrigeration controllers. This 0.5 W controller is designed to operate at 50 to 300 V at 50 to 60 Hz. The mini computer uses four inputs and four outputs, algorithms, and input from multiple sensors to regulate all energy-consuming parts in glass door merchandisers and vending machines. The interface enables individual setting of more than 500 parameters, including the daylight saving mode, compressor operating times, canopy/cabinet lighting schedules, evaporator/condenser fan control, and variable temperature control. Manufacturers have the ability to configure the controller remotely using an external docking station. [www.danfoss.us](http://www.danfoss.us) #15



## » Specification writing system

ARCOM announces the SPECTEXT master guide specification writing system, which is designed to provide a method of preparing accurate construction specifications for projects. Its content is designed for medium-sized construction projects, particularly environmental and utility engineering, with additional provisions for multiple contract and construction management work. SPECTEXT II, an abridged version, is designed for less complex facilities, such as light commercial, multifamily residential, and low-rise buildings. The system is part of MasterSpec.

[www.arcomnet.com](http://www.arcomnet.com) #16

## » Energy recovery unit

Munters released the Micro-Z, a packaged air-to-air sensible energy recovery unit designed for commercial applications. The unit is available in three standard models and four or five sizes (depending upon model). They are designed to handle airflows of 600 to 5,500 cfm at a nominal efficiency of 60%. Micro-Z can deliver the fresh outdoor air that is required for ventilation. The Z-Duct plate-type sensible heat exchanger transfers heat energy from the exhaust airstream to the supply airstream, providing energy savings.

[www.munters.us](http://www.munters.us) #17

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## » Duct smoke detectors

InnovairFlex watertight duct smoke detectors from System Sensor can operate without bulky enclosures and in extreme conditions.

They can withstand airflow speeds from 100 to 4,000 fpm, temperatures from -4 to 158 F, and humidity ranges from 0% to 95% (noncondensing). The watertight, UV-resistant housing protects against falling dirt, rain, windblown dust, splashing, and hose-directed water. The watertight duct smoke detectors are compatible with all InnovairFlex accessories.

[www.systemsensor.com](http://www.systemsensor.com) #18

