

Mitsubishi Electric Introduces New Lineup of Advanced Integrated Controls for Commercial Building HVAC Solutions

SUWANEE, Ga. June 25, 2013 – [Mitsubishi Electric US Cooling & Heating Division](#) (Mitsubishi Electric) has launched an innovative single-source integrated controls solution for commercial HVAC applications. Three new advanced controllers, the SmartME Zone Controller, the AdvancedHVAC Input/Output Controller and the EB-50GU-A Central Controller, work together as a seamless, comprehensive system to support enhanced functions. The functionality includes dual set-point and set-back, maintenance data storage and energy management monitoring.

“This new bundled package of commercial controls, which can also function individually, allows users to monitor and operate CITY MULTI® VRF zoning systems plus third-party equipment through the Mitsubishi Electric Network [M-NET],” says Mike Smith, senior marketing manager, commercial products, Mitsubishi Electric US Cooling & Heating Division. “This new solution means easier, more convenient systemwide HVAC control and monitoring than other controls options. Now the entire system can be viewed on one networked Web browser.”



SmartME Zone Controller

The next generation in intelligent zone control, the **SmartME Zone Controller** can control up to 16 indoor units in a single zone. The controller features an intuitive, backlit touch-screen interface with dual set-point functionality and LED color status indicator. Displayed by zone name, the advanced control and monitoring functions include temperature and humidity sensors and an

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Energy Save setting. This setting designates the operation mode using built-in occupancy and brightness sensors. The SmartME displays AdvancedHVAC Controller input and output status and can send temperature and humidity set-points for control of third-party equipment through the AdvancedHVAC Controller.

The **AdvancedHVAC Controller** features customizable applications for integrating CITY MULTI indoor units with third-party equipment such as auxiliary heat, fans, pumps, air handling units (AHUs), energy recovery ventilation (ERV) systems, humidifiers and economizers. Physical inputs and outputs can be used for reading sensors and energizing relays in real time. Eight digital or analog inputs and six digital outputs allow for complex controls applications. Two additional analog outputs are available with the AL2-2DA accessory. The status of inputs and outputs is displayed on the EB-50GU-A Web browser and the SmartME Remote Controller screen.

The **EB-50GU-A Central Controller** is the latest advancement in Web-based centralized control of up to 50 indoor units individually, in a group or in a batch operation. The controller offers new features such as expanded monitoring, control and trending abilities. The EB-50GU-A supports the humidity, occupancy and brightness sensors on the SmartME Remote Controller. The controller also displays the status of AdvancedHVAC Controller inputs and outputs. The system supports single and dual set-point operation with extended set temperature range, and includes operation data backup.

For more information about these products from Mitsubishi Electric US Cooling & Heating Division, visit www.mitsubishipro.com/new-controllers or www.mehvac.com.

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About Mitsubishi Electric US Cooling & Heating Division

Mitsubishi Electric US Cooling & Heating Division (Mitsubishi Electric) is headquartered in Suwanee, Ga. Mitsubishi Electric is a leading marketer of ductless and variable refrigerant flow (VRF) air-conditioning and heating technology in North America, Latin America, the Caribbean and Bermuda. In 1982, Mitsubishi Electric introduced its state-of-the-art, split-ductless air conditioners and heat pumps in North America. Mitsubishi Electric expanded its product line with VRF zoning heat pump systems using INVERTER
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technology to offer simultaneous cooling and heating capabilities. Mitsubishi Electric also offers compressors and a full line of air-conditioning accessories. The Division's HVAC products have won numerous awards for innovation and excellence, including *appliance DESIGN*'s 2013 Excellence in Design Bronze Award, a 2013 Top Products Award from *Building Operating Management*, a 2012 Product Innovation Award from *Architectural Products*, a 2012 Record Products Award from *Architectural Record*, a 2012 BuildingGreen Top-10 Products Award for ductless and VRF systems, and the 2011 AHR Expo Product of the Year Award for the Dedicated Outdoor Air System. More information is available at www.mehvac.com and at Mitsubishi Electric's blog, www.mehvac-blog.com. Mitsubishi Electric US Cooling & Heating Division is also on [Facebook](#), [Twitter](#), [Pinterest](#) and [YouTube](#).

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