

AHR Expo 2018
Booth #2124

Occupancy Detection Technology Embedded in Improved Ceiling-Recessed Indoor Unit

SUWANEE, Georgia, January 22, 2018 – [Mitsubishi Electric US, Inc.’s Cooling & Heating Division](#) (Mitsubishi Electric), a leading manufacturer of Zoned Comfort Solutions™ and Variable Refrigerant Flow (VRF) cooling and heating systems, features its latest innovation: the CITY MULTI® ceiling cassette indoor unit, featuring the new 3D i-see Sensor™ (PLFY-EP-NEMU-E).

The 3D i-see Sensor is a small, yet powerful component mounted to the exterior panel of the ceiling cassette. The sensor continuously analyzes the thermal profile of a room, identifying cool and warm spots. To achieve an accurate thermal profile, it performs hundreds of circular scans, with multiple points per scan, continuously monitoring a given space.

“The intelligence of the 3D i-see Sensor ensures that the PLFY ceiling cassette is constantly delivering the best possible comfort experience and energy saving benefits,” says Kevin Miskewicz, director, commercial marketing, Mitsubishi Electric US, Inc.’s Cooling & Heating Division. “The unit’s technology is reflective of the features we know are most important to building owners, managers and tenants.”



When a room is occupied, the 3D i-see Sensor scans and identifies heat signatures and applies cool or warm air as needed throughout the space. For maximum personalized comfort, this feature may be customized to direct the unit to deliver air toward or away from the occupants. In an unoccupied room, the sensor automatically adjusts the temperature levels and may also be customized to switch to an energy efficiency mode.

(more)

The indoor unit is available in capacities ranging from 8,000 Btu/h to 48,000 Btu/h. Additional features include:

- Energy saving features: automatic setback based on occupancy detection*
- Improved occupant comfort*
- 3D turbo fan enabling increased airflow
- Four fan speed settings including auto-fan
- Ventilation air intake supported

**Requires a PAR-32MAA-J controller*

Additionally, the PLFY complements the new, sleek redesign found in several other Mitsubishi Electric indoor units, showcasing an updated square-edge design.

For more information on the PLFY-EP-NEMU-E ceiling cassette indoor unit, visit www.mitsubishipro.com.

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About Mitsubishi Electric US, Inc.'s Cooling & Heating Division

Mitsubishi Electric US, Inc.'s Cooling & Heating Division (Mitsubishi Electric) is headquartered in Suwanee, Georgia. Mitsubishi Electric is a leading marketer of Zoned Comfort Solutions™ 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, ductless air conditioners and heat pumps in North America and later expanded its product line with VRF zoning heat pump systems using INVERTER technology to offer simultaneous cooling and heating capabilities. The division also offers compressors and a full line of air-conditioning accessories. Mitsubishi Electric products have won more than 58 innovation and excellence awards, including the 2015 Record Products Award from *Architectural Record*, a 2015 *ACH&R News Dealer Design Award*, a 2016 Product Innovation Award from *Architectural Products*, a 2015 AHR Expo Innovation Award from *ASHRAE*, a 2016 *College Planning & Management New Product of the Year Award*, a 2016 *School Planning & Management New Product of the Year Award*, a 2016 and 2017 Money-Saving Products Award from *BUILDINGS* and a 2017 Excellence in Design Award from *Appliance Design*. More information is available at www.mehvac.com and at Mitsubishi Electric's [blog](#). Mitsubishi Electric is also on [Facebook](#), [Twitter](#), [Pinterest](#), [Instagram](#), [LinkedIn](#), [Houzz](#) and [YouTube](#).

In addition to cooling and heating products, [Mitsubishi Electric US group companies'](#) principal businesses include semiconductor devices, automotive electrical components, factory automation products and services, elevators and escalators, electric utility products and large-scale video displays for stadiums and arenas. Mitsubishi Electric US group companies have roughly 31 locations throughout North America with approximately 4,000 employees.

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