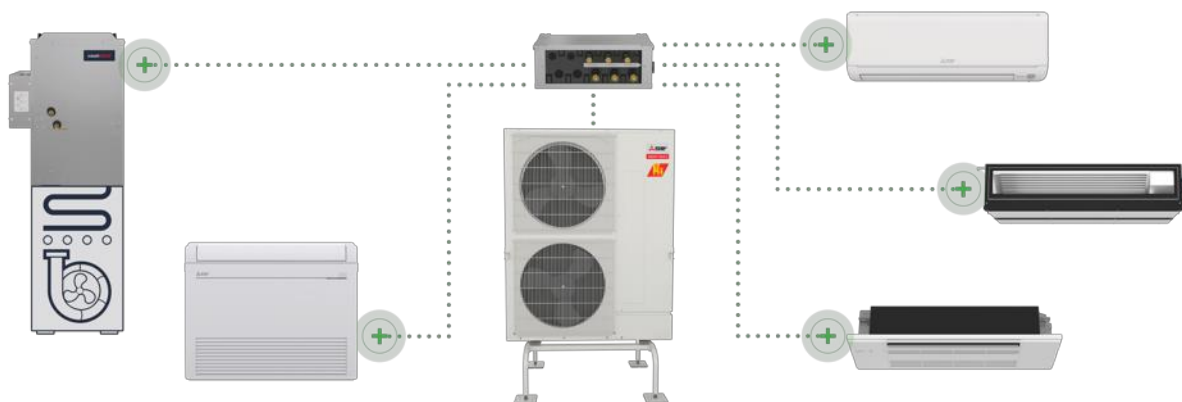


Mitsubishi Electric Trane HVAC US Announces intelli-HEAT™ Dual Fuel System

Integrates heat-pump and gas furnace systems to reduce fossil fuel usage

SUWANEE, Ga. – January 31, 2022 – [Mitsubishi Electric Trane HVAC US](https://www.mitsubishielectrictrane.com) (METUS), a leading supplier of Ductless and Ducted Mini-split and Variable Refrigerant Flow (VRF) heat-pump and air-conditioning systems, introduces the intelli-HEAT™ Dual Fuel System. This new Mitsubishi Electric solution connects with any thermostatically controlled furnace. The dual fuel system empowers homeowners with a gas furnace to improve their home's comfort and sustainability by using an energy-efficient, all-electric heat pump as their primary heating source. The furnace remains available as a heating source for extreme cold conditions.



intelli-HEAT™ (pictured left) integrates a Mitsubishi Electric heat-pump system with an existing gas furnace to provide consistent, reliable heat in extremely cold temperatures (below -13 degrees Fahrenheit). The need to use the existing gas furnace is dramatically reduced, diminishing a home's reliance on fossil fuels.

intelli-HEAT offers homeowners the benefit of consistent year-round comfort thanks to the inverter-driven compressor technology. Homes with an existing, operable furnace, but no air conditioning, can use intelli-HEAT for cooling during warmer months and all-electric heating in cold temperatures.

In new construction, some builders may install a furnace as a backup heating source. During periods of extreme cold, intelli-HEAT may switch to the gas furnace as needed based on capacity and economic balance points, creating a true dual fuel system. The intelligent

switchover function built into the control box coordinates operation of the furnace and the Mitsubishi Electric heat pump. Homeowners will appreciate the smart heating management resulting in lower monthly utility costs and reduced greenhouse gas emissions.

“Our new dual fuel system can help reduce a home’s carbon emissions up to 40% compared to using a gas furnace alone as the primary source of heating,” says Chris North, senior specialist, product marketing, Mitsubishi Electric Trane HVAC US. “Homeowners using primarily electric heating can essentially help improve their community’s air quality.”

intelli-HEAT connects to single-zone P-Series cooling-only or heat-pump units and multi-zone MXZ heat-pump units. Hyper-Heating INVERTER® (H2i®) models are available for both single- and multi-zone systems. The available H2i models provide 100% heating capacity down to 5° F outdoor ambient temperature and guaranteed operation down to -13° F. For ease of use, homeowners can control intelli-HEAT with third party thermostats or Mitsubishi Electric control options, including kumo cloud®, kumo touch™ and MA wired controllers.

Homes with intelli-HEAT installed may also qualify for utility rebates. METUS works closely with utility companies nationwide as they create rebate programs based on the performance of the system.

“The addition of intelli-HEAT to our product offering allows METUS to serve any home, anywhere and empowers all homeowners to transition to clean, energy-efficient heating and cooling solutions,” says North.

For more information on intelli-HEAT Dual Fuel System, and other residential heating and air-conditioning solutions, from METUS, visit MitsubishiComfort.com.

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About Mitsubishi Electric Trane HVAC US LLC

Formed in May 2018, Mitsubishi Electric Trane HVAC US LLC (METUS) is the exclusive provider of Zoned Comfort Solutions® and leading supplier of Ductless and Ducted Mini-split and Variable Refrigerant Flow (VRF) heat-pump and air-conditioning systems in the United States and Latin America.

A joint venture between Trane Technologies plc and Mitsubishi Electric US, Inc., the company provides innovative products, systems and solutions capable of heating and cooling a broad range of applications, from a home to a large commercial building with superior efficiency, comfort and control.

The family of brands supported by METUS includes: Mitsubishi Electric, Trane® / Mitsubishi Electric and American Standard® / Mitsubishi Electric. More information is available at www.metahvac.com.

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