

The Next Generation IN HEATING, COOLING and Electrical Technology

WRITER | MATT DAVIDSON PHOTOS | SPECKMAN PHOTOGRAPHY

The PowerAire by M-TriGen is going to be a game changer in the residential market, according to Bob Fegan, Principal Marketing Technical Consultant for DTE Energy. Fegan, who has over 30 years' experience in the industry, said that the introduction of this unit to the Michigan market is exciting, since Michigan is one of the first states to receive this groundbreaking technological innovation.

So what exactly is the M-TriGen PowerAire? It is a unit that's known as a Combined Heating and Power plus Cooling unit, meaning that it can act as an electricity generator, a heating unit, and setting it apart from anything else in the residential market, an air-conditioning unit.

"The unit is incredibly flexible" said Fegan, who went on to explain "The PowerAire is revolutionary in that it can provide three services (power, heat, and cooling) as needed, all from one unit. The unit can act as the consumer's primary source for heating, cooling, and hot water, and a supplemental source for electricity. Really, it can be configured to provide these services in any manner the consumer needs. That's the flexibility that is so great."

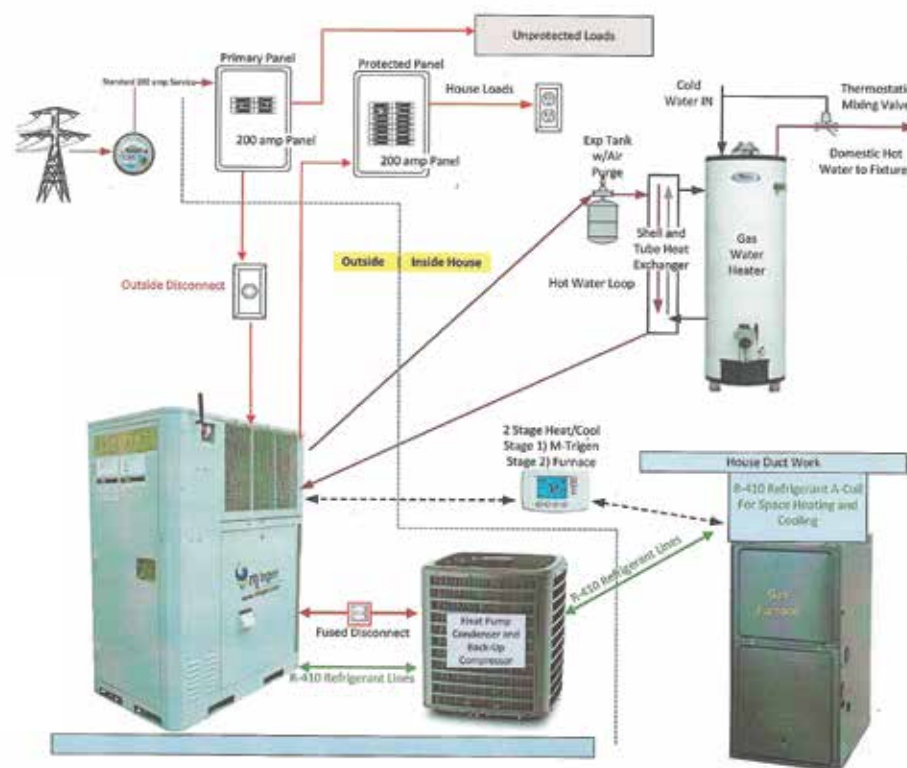
This is the very first unit of its type to come in a residential-sized package, providing the most energy efficient operation of anything on the market. "It provides unique reliability and redundancy for the homeowner, ensuring hiccup free electricity, heating and cooling in case of power failure." Fegan enthusiastically stated. "In my 30 years in this business, this is the most innovative technology I've had the pleasure to be involved with."

Recently, M-TriGen, in partnership with Pathway Homes and DTE Energy, installed the first unit outside of M-TriGen's home state of Texas, in Traverse City. The reception so far has been superb, with homeowners and trade professionals alike coming to examine this groundbreaking technological advance in the showcase home.

It's more efficient than a typical generator. By utilizing its built-in battery system to cycle on and off as needed, it does not need to run constantly to produce power. It also uses the thermal heat produced during operation of the engine to feed the heating and hot water systems. Space cooling is made by an engine-driven compressor, much like your car's air conditioning system.

The unit was featured in one of Pathway's parade homes put on by the Grand Traverse Area Home Builders Association in June of this year. Gary Jurkovich, Pathway Custom Homes

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The PowerAire can be connected to run using either natural gas or propane, depending on what type of service you have in your area. Due to the state of the art systems in place, it can also be connected to solar or wind power if available, improving its efficiency even more. The multiple modes of operation are all controllable through Smart Devices, giving you added peace of mind and ease of operation.

More information about the PowerAire by M-TriGen can be found online at M-TriGen.com. ☐



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