

Making Life More Enjoyable

Year-round Solution For In-home Comfort

(NAPSA)—If you can't stand the heat, get out of the kitchen—or the bedroom, or the attic, or wherever the temperature has you seeing red—and bring those spaces back from the tropics. The same holds true for a home with cold spots, where going from room to room gives you chills.

Yet many homes lack the necessary ductwork for a central heating and air-conditioning system. Fortunately, a new option provides year-round comfort. Popular for many years in Europe and Asia, it is now finding its way into American homes: split-ductless systems.

Split-ductless systems can be installed easily without tearing apart walls to add ductwork—a three-inch opening is all that's needed to connect the components—or sacrificing window space. They are extremely energy efficient, making them well-suited for new additions, retrofits, finished basements and sunrooms, as well as existing rooms of the home.

Energy Efficiency

Conventional compressor units start and stop repetitively, much like a car with one gear driving in stop-and-go traffic. Alternatively, split-ductless systems using Mitsubishi INVERTER technology offer a finely tuned, variable frequency-driven compressor that operates like a car's cruise control on a highway to maintain a desired temperature.

The systems also save resources by allowing homeowners to cool and heat only the spaces being used, as opposed to central systems that struggle to maintain a consistent temperature in the entire home. For example, the Mr. Slim M-Series from Mitsubishi Electric HVAC can cool or heat up to three rooms from one multisystem. And unlike noisy



Split-ductless systems can be an energy-efficient way to cool and heat individual rooms instead of the whole home.

window units, they operate quietly without dripping.

How Does It Work?

If you are familiar with a central system, you have the basic idea of what a split air-conditioning system is: an outdoor condensing unit and an indoor evaporator unit. The basic difference between the two is that with the central system, the evaporator unit is typically found in the attic and has ductwork branched off to the different rooms in your home. With split-ductless technology such as the Mr. Slim system, the evaporator is actually in the room being cooled. The indoor unit has a quiet fan that blows across a cold aluminum coil while in the cooling mode.

Improving Air Quality

Mr. Slim systems also offer an anti-allergy enzyme filter that captures harmful bacteria, and a separate hybrid catechin prefilter with fibers that have anti-viral and antioxidant properties that can help reduce odors and bacteria in the home.

To learn more about these cooling and heating systems and Mitsubishi Electric, visit www.mehvac.com.