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System M air-to-water heat pump

Taco Wins 2023 AHR Expo Sustainable Solutions Award

Taco Comfort Solutions' System M air-to-water heat pump system has won the 2023 AHR Expo Innovation Award for Sustainable Solutions.

Simply put, System **M** is a *Milestone*. It's the ideal solution for homeowners who want to reduce their carbon footprint while increasing their indoor comfort.

System M is the result of Taco's alliance with German partner, Glen Dimplex. Together, their experts developed a radically innovative, packaged air-to-water heat pump system for residential heating, cooling, and domestic hot water generation. System M responds to increasing HVAC electrification trends while providing superior comfort, high efficiency and ease of installation. With just six pipe connections, the heat pump provides up to 44,000 BTUh, 3½ tons of cooling, and a max COP of over 4.

The technology is solar PV and smart grid ready, designed specifically for a low carbon society and built with the knowledge that water is the most efficient and natural energy transfer medium on the planet.

The outdoor portion of the heat pump (monobloc) features advanced inverter technology, a variable speed fan and quiet operation. The indoor HydroBox unit contains an integrated buffer tank, simplified wiring hub, user interface with smartphone app control, and a high-efficiency, dual-ECM pump piping module. The modular design provides turnkey functionality and reduces installation time by 50 percent.

Winners of the AHR Expo Innovation Award are evaluated by a panel of third-party ASHRAE members based on criteria such as application, innovation, value and market impact.

For more information, visit www.TacoComfort.com