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Fujitsu Offers Small-Capacity Indoor Units for Airstage VRF Systems

Fujitsu General America has recognized and answered the need for smaller indoor units as part of its Airstage VRF systems. Wall-mount, floor-mount, compact cassette and slim duct evaporators are now available in 4,000 BTU capacities.

The new indoor units are compatible with Fujitsu's Airstage VRF V (three-phase) and J-Series (single-phase) heating and cooling systems. The smaller capacity offered by these units creates more flexibility in the growing residential VRF market and in commercial applications with tighter building envelopes or smaller zones.

Although inverter technology allows for VRF systems to adapt to the needs of the space, smaller zones in new construction may only need 1500 to 2000 BTUs. If a designer is given this type load and is forced to use 7,000 to 9,000BTU indoor units, the comfort of the space will be compromised. In addition, the overall size of the outdoor units will need to be larger to accommodate the larger indoor products.

"With the expansion of green building practices, Fujitsu is introducing 4,000 BTU indoor units to provide just the right amount of load, eliminating oversizing and creating an energy efficient solution ideal for high performance buildings", said Kal Osman, Director of Product Management. "Because these indoor models are compatible with the full Airstage line of VRF products, they are the perfect solution for low-load applications in both residential and commercial sectors."

With the addition of 4,000 BTU indoor units, Fujitsu now has the smallest capacity indoor unit available in the ductless market today. With four indoor unit styles to choose from, the new units are a perfect fit for nearly any indoor space requiring minimal heating and cooling loads.

As the construction of high performance buildings is on the rise, the smaller evaporators are designed to meet the needs of Passive House, Net Zero and other green building practices.

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