

# Variable Speed Compressors

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Variable speed VZH compressors provide superior efficiency at part-load conditions, can improve efficiency by more than 30% compared to fixed-speed compressors and offer precise cooling capabilities. Designed for small rooftop and process cooling applications, the range will introduce cooling capacities between 4 and 6.5TR with a single compressor, and up to 13 tons with a manifold configuration. With a permanent magnet motor and Intermediate Discharge Valves (IDV), which can help improve part-load efficiency by up to 24%, the range will facilitate efficiency ratings up to 21 IEER and can modulate from 15 to 100 RPS.

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**Danfoss**, [www.danfoss.com](http://www.danfoss.com) [1]

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