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 Upcoming and current products



Mitsubishi Electric Introduces Low-Voltage Variable Frequency Drive

Vernon Hills, Illinois - January 26, 2015
Responding to demand within the HVAC market for a drive that can improve efficiency of air movement through HVAC systems, Mitsubishi Electric Automation, Inc. introduces the F800 Series variable frequency drive (VFD). The low-voltage F800 is specifically designed and optimized for HVAC applications, including air handlers, cooling towers, and pumps. The F800 Series VFD will be exhibited in booth 5267 at the AHR Expo, an HVACR trade event being held in Chicago, January 26-28.

While it was designed with the HVAC industry in mind, the multi-functional F800 is appropriate for any motor control application that demands increased motor efficiency and maximum energy savings. The F800 con-

trols and supports multiple motor types, including AC induction and permanent magnet motors, eliminating the need to specify multiple VFDs to address various motor control needs.

Using embedded motor control algorithms that optimize AC motor voltage and current based on the desired load, the F800 allows users to maximize motor usage and performance while saving energy. This drive series also includes energy monitoring capabilities to capture and display actual energy usage.

"Our F800 Series VFDs are optimized to efficiently move air through heating, ventilating, and air conditioning systems, while reducing energy use," said Chris Cusick, product manager, Mitsubishi Electric Automation, Inc.

"Because they're multi-functional and can be used across various applications and motor types, the F800 is a smart solution for the differing needs of OEMs, electrical contractors, systems integrators, and design and engineering consultants within HVAC and other industries."

The F800 includes on-board preventive maintenance to reduce unexpected downtime. There's also an optional LCD display that provides accurate time stamped logging and real-time clock scheduling functions. The F800 comes in traditional chassis style, large system/component style and is also available as a true turnkey bypass control solution. It is available in 200- and 400-volt classes.

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Thank you