



SOLUTIONS



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Focused On The Engineered Environment

January 2013

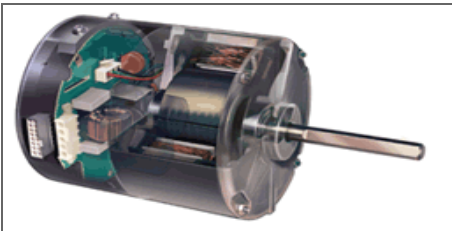
Welcome to SOLUTIONS, a monthly newsletter provided by Jacco & Associates. Jacco's focus on system knowledge provides you with the engineering support and product solutions for your applications.

January Feature: Whalen Series VI Water Source Heat Pumps

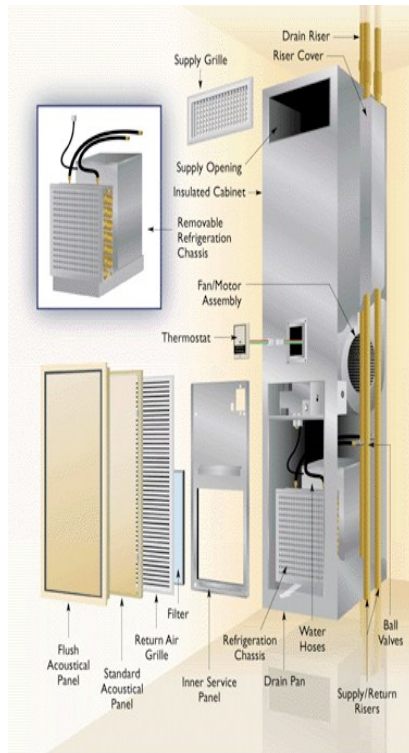
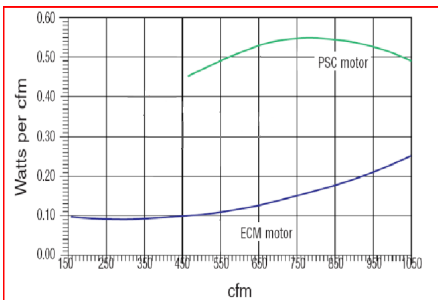


Constant-Torque ECM Fan Motor

Starting in 2013 Whalen has decided to have all Whalen Series VI WSHP 2, 2 1/2, and 3-ton models provided with the constant torque ECM fan motors standard. All other models have this motor as an option as well. This will have the added value of reducing fan power by almost 50%. And the best part of this bonus, is that it comes at no extra cost versus the former standard PSC fan motor.



By combining electronic controls with brushless DC motors, ECM's can maintain efficiency across a wide range of operating speeds. Plus, the electronic controls make the ECM programmable, allowing for advanced characteristics that are impossible to create using conventional motor technologies.



Series VI

Water Source Heat Pumps

Series VI Features & Benefits:

- ◇ Supply Opening - Left, Right, Front, Back and Top Combinations. All supply opening are painted black to block the view into the unit.
- ◇ Supply Grille - Aluminum construction minimizes future maintenance and eliminates oxidation that can be caused from condensation
- ◇ Riser Cover - Galvanized steel protective cover is standard to avoid damage during shipping, handling and installation
- ◇ Refrigeration Chassis - Removable-floating design with insulated compressor compartment and vibration isolation
- ◇ Water Hoses - Connects chassis to the supply and return water piping. Isolates compressor sound from the building piping system

January Question & Answer:

Question: What other manufacturers utilize EC Motors?

A.) Aeon B.) Water Furnace C.) Bousquet D.) A,B,C

Prize: Beats Pill, Portable Wireless Speaker!

Last Month's Question & Answer Winner!

Question: What is the AHRI Entering Water Temperatures (F) For a Ground Loop Heat Pump(Cooling/Heating)?

Answer: C.) 77/32. Congratulation Brian Holloway for winning a Kindle Fire!

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Questions or comments? E-mail us at opportunity@jacco.com



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