



# NEWS RELEASE

**FOR IMMEDIATE RELEASE**

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Contact: Ray Fedele, VantagePoint, Inc.  
[rfedele@vantagep.com](mailto:rfedele@vantagep.com) • 864.331.1275

## **WEG RELEASES HIGH EFFICIENCY W MAGNET DRIVE SYSTEM™**

*WISE insulation system provides extended life, reliability*

**ATLANTA, Ga.—WEG Electric Corp.** ([www.weg.net](http://www.weg.net)), a leading global supplier of motors, drives, controls, transformers, and generators, announces the release of the W Magnet Drive System™, providing higher efficiency and longer life.

Available immediately, the W Magnet Drive System incorporates the W Magnet Drive inside the motor, which is controlled by the CFW11 variable frequency drive (VFD). Compared to standard induction motors, the W Magnet motor promotes a 52 percent reduction in weight and a 47 percent reduction in volume. The motor is fitted with NdFeB magnets, inserted inside the rotor, instead of conventional aluminum alloy squirrel cages. Replacing the squirrel cage with the W Magnet technology ensures both higher efficiency levels and a much smaller frame than conventional induction motors

“The W Magnet Drive System meets both NEMA Premium and EPA High Efficiency standards,” stated Dale Basso, Motors Manager, WEG Electric Corp. “Extra high efficiency, lower weight and volume, reduced noise levels, and extended life are just a few of the benefits when utilizing the W Magnet Drive System.”

For precision control and optimum energy efficiency, the CFW11 drive used with the W Magnet Drive System uses WEG’s unique vector control technology algorithm. This enables control without the use of an encoder / position sensor, and by reducing the number of components, helps improve reliability. For applications within buildings or other sensitive areas, the W Magnet motor features significant noise reduction to under 73dB(A).

## Standard Technical Features

### W Magnet Motor:

- Frames – 213T to 404/5T
- Output – 15 to 200 HP
- Voltage – 460V

### CFW11 VFD:

- Output – 20hp to 200hp (11kW to 160kW)
- Voltage – 380 to 480V
- Easy to program (same programming as all WEG drives)

The W Magnet Drive System meets both NEMA Premium and EPA High Efficiency standards. For more information on the new W Magnet Drive System, please visit [www.weg.net](http://www.weg.net) or call 1-800-ASK-4WEG.

## **About WEG Electric Corp.**

Founded in 1961, WEG has grown into a global solutions provider of industrial electrical technologies. WEG is the largest industrial electric motor manufacturer in the Americas and one of the largest manufacturers of electric motors in the world producing more than 10 million units annually. Committed to growth on a global scale, WEG continually invests in state-of-the-art manufacturing facilities and processes, and the development of new and improved industrial electrical solutions. WEG offers a diverse and integrated product line that includes motors, drives, controls, transformers, and generators. WEG has committed to an R&D investment of 3% of annual global sales.

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## **Media Relations**

VantagePoint, Inc.

Ray Fedele: [rfedele@vantagep.com](mailto:rfedele@vantagep.com)

## **Client Contacts**

WEG Electric Corp.

Gerardo Elias-Rodriguez: [gelias@weg.net](mailto:gelias@weg.net)

Catherine Medler: [cmedler@weg.net](mailto:cmedler@weg.net)



1327 Northbrook Parkway, Suite 490  
Suwanee, GA 30024  
1-800-ASK-4WEG  
[www.weg.net](http://www.weg.net)

Website: [www.weg.net](http://www.weg.net)

YouTube: <http://www.youtube.com/watch?v=-G2NJQF2a78>

Twitter: @WEGElectricCorp