



Nidec-U.S. MOTORS® launches new PrecisionFlow™ motor at IPPE 2025

Visit Nidec Motor Corporation at Booth #B35048, Jan. 28-30

ST. LOUIS – Jan. 16, 2025 – [Nidec Motor Corporation](#) is proud to introduce a new, highly efficient electronically commutated motor (ECM) that offers up to 85 percent efficiency, an improvement of up to 30 percent over common PSC motors. The [PrecisionFlow™ motor](#) will be featured at the International Production & Processing Expo (IPPE) in Atlanta, Jan. 28-30, 2025.

With its flagship [U.S. MOTORS®](#) brand, Nidec will display its full line of electric motors designed for animal-based food production and processing at IPPE, Booth #B35048. Nidec design engineers, sales, and agricultural market managers will be on hand to walk visitors through the various motors and integrated motor and drive solutions for this industry.



PrecisionFlow delivers constant torque and precise speed control in ventilation applications, offering dual voltage options and multiple configurations. The product data sheet can be found [here](#). It effectively meets the growing need for ECMs in anticipation of upcoming efficiency regulations from the U.S. Department of Energy, all supported by Nidec's extensive expertise in ECM technology and dedicated application assistance.

The Nidec/U.S. MOTORS line includes models to meet specific needs such as energy efficiency, precise airflow for fans and blowers, large diameter fans, severe environments, exhaust fans for poultry and livestock houses, and painted washdown models. Nidec recently increased its production capacity for farm duty motors in order to meet growing demand in this sector. This investment means larger inventory in stock to more efficiently respond to customer needs.

In addition to PrecisionFlow, Nidec will feature at IPPE the following industrial motors designed for use in the agricultural and food processing market:

- [ID300 Fusion™ Integrated Motor/Drive](#)
- [Agri-Fusion Direct Drive Fan Motor](#)
- [Auger Duty Motor](#)
- [Agri Duty Motor – High Torque](#)
- [Agri Duty Fan Motor](#)
- [Painted Washdown](#)
- [EcoApex 56®](#)
- [World Motor](#)

Nidec Motor Corporation has more than 50 research and development labs dedicated to bringing innovative solutions such as variable speed motors and integrated motors and controls. Nidec serves original equipment manufacturers and also provides aftermarket replacement motors.

More information on U.S. MOTORS products can be found at www.usmotors.com.

About Nidec Corporation, ACIM and U.S. MOTORS®

Nidec Corporation is the world's No.1 comprehensive motor manufacturer. Based in Kyoto, Japan, Nidec Corporation offers motors ranging from micro-size to super large, as well as application products and services in IT, automation, home appliances, automobiles, commercial and industrial systems, environmental, energy, and many other businesses. Nidec is comprised of approximately 340 companies employing more than 110,000 people all over the world.

ACIM

Nidec Appliance, Commercial and Industrial Motors (ACIM) is a Business Unit of the Appliance and Automotive Division (AAD) composed of two Platforms: Global Appliance (GA) and Commercial & Industrial (C&I). ACIM is one of the largest Business Units in terms of sales inside Nidec Group, with approximately 18,000 employees and more than 30 manufacturing sites in 25 countries. ACIM offers a product portfolio such as compressors, condensing units, and motors for home and commercial appliances, as well as motors and electronic drives for commercial, residential, industrial, and utilities applications. This comprehensive set of solutions is characterized by high standards of quality and energy efficiency that delivers innovation at the service of sustainability.

The U.S. MOTORS brand of Nidec Motor Corporation encompasses a complete line of general and special purpose commercial and industrial motors from 1/30 horsepower through 4000 horsepower for a wide variety of applications. Since 1908, the U.S. MOTORS brand has stood for exceptional product reliability and performance. It is one of the oldest and most trusted brands in the motor industry and is recognized worldwide as the mark of leadership and technological innovation.

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