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## **Nidec at IPPE – Serving Up Reliable, Efficient Motors for the Food Processing Industry**

*Visit Nidec Motor Corporation at Booth# B26000, Jan. 31-Feb. 1*

ST. LOUIS – Jan. 19, 2024 – [Nidec Motor Corporation](#), with its flagship **U.S. MOTORS®** brand, is pleased to present its full line of electric motors designed for animal-based food production and processing at the IPPE (International Production & Processing Expo) in Atlanta, Jan. 31- Feb. 1, 2024. Nidec design engineers and agricultural market managers will be on hand to walk visitors through the various motors and integrated motor and drive solutions for this industry.

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.

Nidec will feature the following motors at IPPE:

**ID300 Fusion™ Integrated Motor/Drive** – A high-performance drive solution for ventilation applications requiring variable speed of 1HP to 10 HP drivers. All the functions of a variable speed drive are incorporated into the motor; simply wire up the motor, connect communication cables and sensors, and configure the ID300 for the application. The drive can be pre-programmed to OEM specifications to respond to pressure and flow sensors, external control signals and turn on/off external relays as desired.

**World Motor™** – Various models featuring high efficiency and precise airflow for fans and blowers. Includes **HOSTILE DUTY™**, **CORRO-DUTY®**, **841 PLUS®** with Inverter Duty. Built to withstand a variety of severe duty applications. Includes wide range of NEMA & IEC frame sizes.

**Direct Drive Fan Motor** - For large diameter fans used in agricultural applications. Features highly efficient BPM motor technology, high torque. Low RPM fan produces high CFM per watt. A variable speed feature provides year-round whole house (hog or poultry house) efficiency.

**Auger Duty Motor** - Single phase, totally enclosed fan-cooled. Hand crank extension for 1/2 HP and above. Manual reset thermal overload protector, reversible.

Agri Duty Fan Motor – Ideal for exhaust fans in poultry and livestock houses, offering continuous air over duty, and auto reset thermal overload protector. Available in single- and three-phase.

Painted Washdown Motor - Three phase, totally enclosed fan cooled. Used in food processing, dairies, canning, meat packing. Features inverter grade insulation system and rust inhibitor on rotor. USDA approved non-toxic white epoxy paint.

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](http://www.usmotors.com).

### **About Nidec Corporation, Nidec Motor Corporation 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.

Nidec Appliance, Commercial and Industrial Motors (ACIM) is a business unit of Nidec that manufactures a full line of high efficiency motors used in applications ranging from air conditioning condensers, HVAC blower motors, rooftop cooling towers, commercial refrigeration, and appliances, to agriculture, water treatment, mining, oil and gas, and power generation, to pool and spa. The division also makes motors, controls, and switches for automotive and commercial markets. Some of the product brands include U.S. MOTORS®, RESCUE, Nidec, and Embraco.

The U.S. MOTORS brand 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.