

# EVERY DROP COUNTS.

INTRODUCING THE ACCU-SERIES™ PUMP PANEL  
FOR AGRICULTURAL IRRIGATION.



We Build More Than Just Motors. We Build Solutions.

**Nidec**

NIDEC MOTOR CORPORATION



# THE COMPLETE INVERTER DUTY SOLUTION FOR AGRICULTURAL IRRIGATION

U.S. MOTORS® BRAND ACCU-SERIES™ PUMP PANELS ARE DESIGNED TO WORK SEAMLESSLY WITH OUR INVERTER DUTY HOLLOSHAFT® MOTORS.

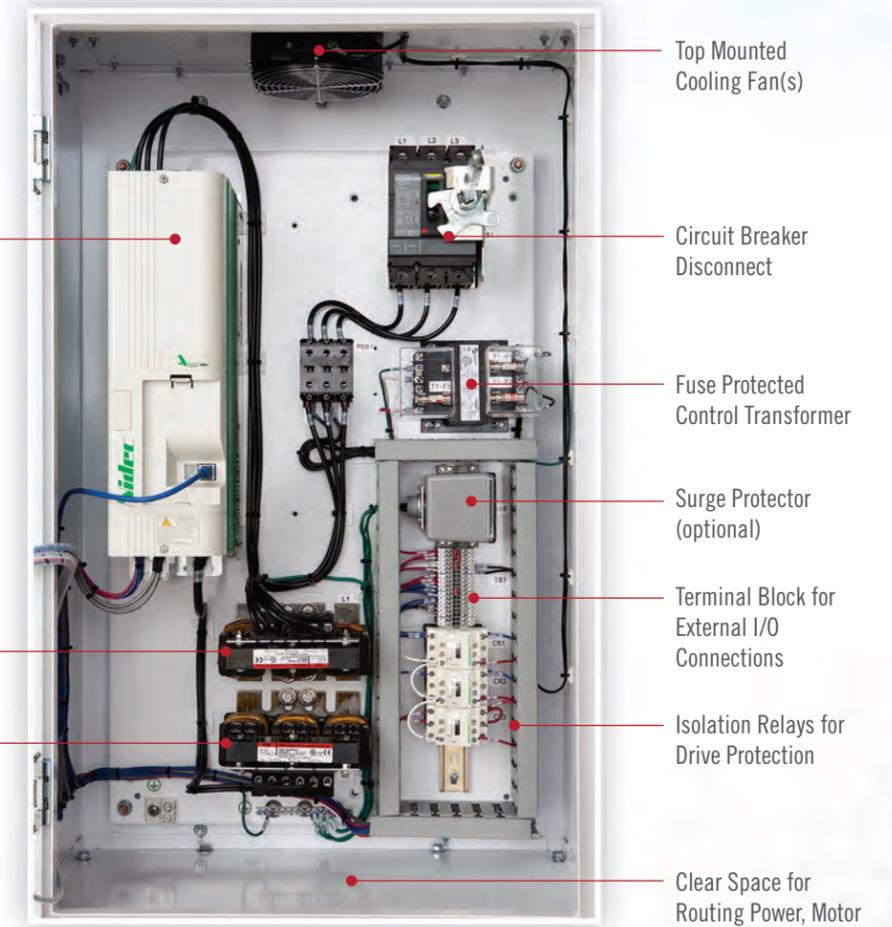
+ Find the system-level solution for your application at [www.usmotors.com/ACCU-SERIES/PumpPanel](http://www.usmotors.com/ACCU-SERIES/PumpPanel)

Nidec Motor Corporation knows every drop of water is crucial to a producer's success. That's why we relentlessly focus on improving the **precision, efficiency and performance** of agricultural irrigation pumping systems. **U.S. MOTORS brand ACCU-SERIES Pump Panels and vertical HOLLOSHAFT motors boast systematic compatibility to deliver high wire-to-water efficiency.** Together, they work seamlessly for ultimate reliability, inspiring the confidence that springs from one point of responsibility for both motor and drive. Every single drop, one point of responsibility — **that's the power of one.**



## FEATURES YOU ASKED FOR, STOCKED FOR RAPID DELIVERY.

Designed with pump system installers and agricultural producers in mind, U.S. MOTORS® brand ACCU-SERIES™ Pump Panels come equipped with the features most asked for in a standard off-the-shelf product, stocked for rapid delivery.



NEMA 3R Enclosure  
0 to 50 degree C Operation

Door Mounted Keypad Display (optional)

Door Mounted: HOA Switch  
Run Indicator  
Speed Potentiometer

Metal Mesh Filtered Air Intake

Floor Standing Legs (optional)

Nidec AD1000 Answer Drive

Line Reactor

Load Reactor (optional)

Top Mounted Cooling Fan(s)

Circuit Breaker Disconnect

Fuse Protected Control Transformer

Surge Protector (optional)

Terminal Block for External I/O Connections

Isolation Relays for Drive Protection

Clear Space for Routing Power, Motor and Control Cables

## WE MAKE IT EASY.

- Panels equipped with features most asked for in an off-the-shelf product, stocked for rapid delivery.
- Pump specific software and setup parameters for simple installation.
- Can be set up to maintain constant speed, pressure or flow.
- Specifically designed with pump system installers and agricultural producers in mind.

## WE MAKE IT RELIABLE.

- Our complete lineup of inverter duty motors and drives is engineered to operate in the hottest and driest weather conditions, for years of trouble-free service.
- Pump specific features such as slow pipe fill, water well draw down control, low water inlet pressure detection, under-load detection and motor temperature monitoring reduce pump system mechanical stress and help protect the motor and pump from damage.
- Removable keypad ensures only qualified personnel can reprogram the pump drive.
- One point of responsibility for both drives and motors from a brand you trust.

## AND WE BACK IT UP WITH OUR MOTOR MATCH DRIVE WARRANTY.

The ACCU-SERIES™ Pump Panel standard warranty covers all panel components for 12/18 months from date of installation/manufacturing.

Our Motor Match Drive Warranty extends the length of the drive warranty to match the standard warranty of the new, unused U.S. MOTORS® brand inverter duty motor it's driving.

That means up to 36 months from date of installation at no additional charge!

Only product registration is required.

**Nidec**

NIDEC MOTOR CORPORATION

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