

Experience.
Solutions.
Selection.





North American Electric
A WORLDWIDE ELECTRIC COMPANY




Discover Motor and Motor Control Solutions for Agricultural Challenges

Navigating the Irrigation Market

 NAE motors and motor controls can provide lower energy consumption and operational costs.

 NAE's electric motors and motor controls provide a stable, reliable, and continuous operation by reducing stress on pumping systems, and extending the life of the equipment.

 NAE has you covered with the standard, extended and Bumper to Bumper style warranties that go up to 6 years of coverage on specific models.

The Irrigation Market: Challenges and Solutions

The irrigation market plays a vital role in ensuring food security, sustainable agriculture, and efficient water resource management. However, it is not without its challenges. From water scarcity and climate change to technological limitations and economic constraints, there are numerous concerns that stakeholders in the irrigation industry must address.



Embracing innovative technologies like electric motors and variable frequency drive systems can optimize water usage and minimize wastage. The irrigation market is heavily dependent on energy for pumping water, with associated costs and environmental impacts. Rising energy prices and concerns about carbon emissions contribute to the sustainability challenge faced by irrigation stakeholders.

Upgrading to premium energy-efficient motors, and implementing variable frequency drives can lower energy consumption and operational costs while enhancing better water control in canals and pipelines.

NAE's extensive inventory of in-stock motors and motor controls offers a comprehensive solution to the diverse needs of customers in the irrigation market. Our products are designed to simplify challenges and enhance operational efficiency, ultimately leading to increased profitability. With NAE, you can trust in reliable performance and innovative solutions tailored to meet your specific requirements, ensuring success in every irrigation project.

2024 USDA Average Funding Available for Conversions (Based on State participating)

- GRANTS 50%**
- LOAN GUARANTEES 75%**
- COMBINED 75%**

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12.5 kWh of electricity is generated from 1 gallon of diesel fuel.

Diesel: Average cost = \$4 per gal

Electric: Average cost = 15.73¢ per kWh

► Switch from Diesel to Electric



Full line of motors and motor controls for irrigation applications.

Motors
Rolled Steel Farm Duty
Rolled Steel
Heavy Duty Cast Iron
Vertical Hollow Shaft
Close Coupled

Motor Controls
Safety Switch
Across the Line Starter
Part Wind Starter
Soft Starter
Variable Frequency Drive



Scan or [click here](#) to visit [naemotors.com](#) for more information on NAE's exceptional warranties.

Motors and Motor Controls most commonly used for these irrigation applications.

Pump Applications

(Click below products to view)



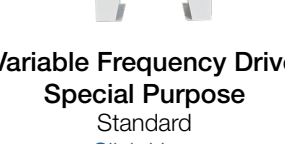
Close Coupled
JM or JP Frame
Cast Iron
[Click Here](#)



General Purpose Motor / Rolled Steel
[Click Here](#)



Variable Frequency Drive Special Purpose
Standard
[Click Here](#)



Variable Frequency Drive General Purpose
Economy
[Click Here](#)



Scan or [click here](#) to see more detail information in our Agricultural Brochure.

Deep Well Turbine / Submersible Applications

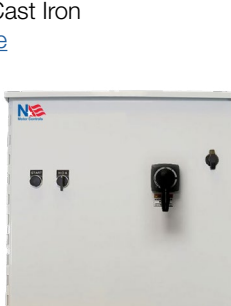
(Click below products to view)



Vertical Hollow Shaft
V1 & V2 Series Cast Iron
[Click Here](#)



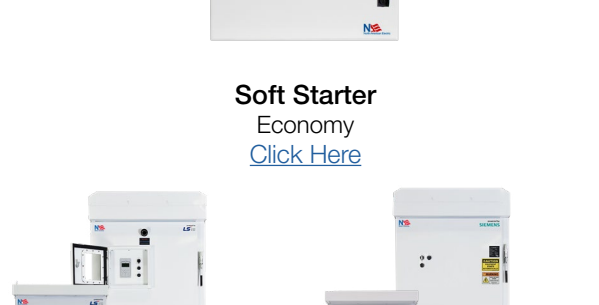
Across the Line Starter Irrigation
[Click Here](#)



Part Wind Starter Irrigation
[Click Here](#)



Soft Starter Economy
[Click Here](#)



Variable Frequency Drive Special Purpose / Irrigation
Standard
[Click Here](#)

Industrial Pumping Applications

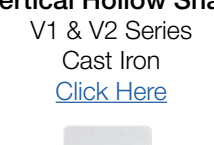
(Click below products to view)



Close Coupled
JM or JP Frame
Cast Iron
[Click Here](#)



Vertical Hollow Shaft
V1 & V2 Series
Cast Iron
[Click Here](#)



Variable Frequency Drive Special Purpose / Irrigation
Standard
[Click Here](#)



Variable Frequency Drive Special Purpose
Standard
[Click Here](#)



Soft Starter Economy
[Click Here](#)

Contact Us

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