

# NAR

NORTH AMERICAN  
RECTIFIERS

# LEGENDARY RELIABILITY

For over 55 years NAR has quietly been delivering reliable DC power to North American manufacturers. Our customers are long term, loyal and repeat buyers. They are a true testament and the driving force behind NAR's 55 year history and stellar future. Stronger than ever, NAR is forging ahead with the latest in controls all the while maintaining true to its proven air cooled technology.

That said, NAR is what it is...**proven reliability, simplistic in design with robust internal components that run cool.** We would like to thank both our new and long standing customers for their confidence in NAR to power their process lines. We invite you to contact us for a custom built solution for your process requirements backed by a worry free 3 year factory warranty on **all components** and an 5 year warranty on **the transformer.**

- **Primary SCR Controlled**
- **Forward & Reversing**
- **Filtered & Non Filtered**
- **Air Cooled**
- **HMI Controls & PLC Automation**
- **Ease of Maintenance**
- **Tech Support**
- **Factory Load Tested**
- **North American Made**
- **CSA Field Evaluation Approved**



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BUMPER TO BUMPER



## Typical Applications:

Decorative Chrome  
 Hard Chrome - (optional with full reversing)  
 Anodizing Type I, II, III  
 Electro-polishing  
 Barrel Plating  
 Water Treatment



BUMPER TO BUMPER

General Plating  
 Electrowinning  
 Electro-Cleaning  
 E-Coat Processing  
 Continuous Strip  
 Scientific Applications

## General Specifications:

Main Input Voltage: 208-230-480-575 / 3ph  
 Output Current: 500A up to 30,000A  
 Output DC Voltage: 6V up to 600V  
 Ripple: < 5%  
 Duty Factor: 100% Continuous

## Options:

Remote Panel  
 Programmable Timers  
 Digital Amp & Voltage Meters  
 Digital Ramps  
 HMI & PLC Automation

All NAR rectifiers are made in North America, custom built to your specifications, for your application, with the quickest possible delivery times. NAR is the market leader in air cooled SCR rectifiers eliminating the costs, maintenance, and potential hazards associated with water cooled platforms. Over 55 years of exclusively manufacturing air cooled SCR rectifiers has resulted in hundreds upon hundreds of satisfied NAR customers. Our customers rarely, if ever, encounter transformer and firing board failures. As a result, our parts business is less than 1% of our revenues...this is what you can expect with NAR! NAR internals are designed to run cool under 100% continuous duty conditions in operating environments in excess of 45°C. Generously sized anodized corrosion resistant heat sinks along with our innovative transformer designs ensure that your line will benefit from reliable DC power and up time.



HMI Screen



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