



THE NEW YORK  
BLOWER COMPANY

**THE NEW YORK BLOWER COMPANY** designs and builds the widest array of fans and blowers in the industrial process market. nyb's industry-leading fan selection/design software allows us to deliver the highest efficiency products, maximize fan availability and optimize life-cycle costs.

Our representatives work with plant engineers, maintenance and design teams to develop application-specific custom fan solutions that meet the exact requirements of the individual process. Our commitment to each customer is demonstrated by unrivaled site-support and continuing development of improved design, welding and fabrication techniques- all backed by our warranty. Our experienced field engineers and technicians are ready to assist, around-the-clock, for emergency repair, fan troubleshooting, fan assessment and preventative maintenance.

Further, we have the teams to service/repair/install replacement components or complete fans, regardless of the original manufacturer. Industries, processes and technologies continue to evolve. For over 130 years, The New York Blower Company will continue to evolve right along with them.

## PRODUCTS & SERVICES

- ▶ Axial/Inline Fans
- ▶ Centrifugal Fans
- ▶ Custom Designed Fans
- ▶ Plenums Fan Arrays
- ▶ Pressure Blowers
- ▶ Fiberglass Reinforced Plastic
- ▶ Double Width Fans
- ▶ Packaged Fan Systems
- ▶ Steam Coil Products
- ▶ Ventilator Products
- ▶ Replacement Parts
- ▶ Emergency Repair
- ▶ Fan Troubleshooting
- ▶ Finite Element Analysis (FEA)
- ▶ Computational Fluid Dynamics

[nyb.com](http://nyb.com)

800-208-7918

# NUCLEAR FANS & BLOWERS



Centrifugal, Axial, & Custom Fans  
Repair & Replacement Components for  
All Manufacturers' Designs  
Energy Efficiency Upgrade Retrofits



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# APPLICATIONS

## IN THE NUCLEAR INDUSTRY

The New York Blower Company's unique fan selection/design software allows us to more accurately meet your needs and automate much of the design of your custom-engineered solution, so you're up and running quicker at a lower cost. We can meet the documentation and inspection requirements for fans and accessories classified in the nuclear industry as "Commercial". In addition, when teamed with an AG-1 qualified supplier, New York Blower can furnish fans classified as "Important to Safety". New York Blower supplies components to these system builders that require certified welding, detailed documentation/ procedures, and material traceability.

### APPLICABLE CODES & STANDARDS

- ▶ ASME NQA-1
- ▶ ASME AG-1
- ▶ ASME N509
- ▶ ASME N511
- ▶ API 673
- ▶ AMCA 99
- ▶ AMCA 201
- ▶ AMCA 300/301
- ▶ AMCA 210/211
- ▶ NEMA MG1 Motors
- ▶ AMCA 500
- ▶ AMCA 204
- ▶ AWS C1.1
- ▶ AWS D1.1
- ▶ ISO 9001
- ▶ 10 CFR 50.69



### CAPABILITIES

- ▶ Positive Material Identification (PMI)
- ▶ Non-Destructive Testing
- ▶ Liquid Penetrant Weld Analysis
- ▶ Magnetic Particle Weld Analysis
- ▶ Ultrasonic Material Testing
- ▶ Mechanical Run Test
- ▶ Bearing Temperature Test
- ▶ CAD/Coordinate Verification
- ▶ Vibration Testing
- ▶ Frequency Analysis
- ▶ Coast Down Testing
- ▶ Impact Testing
- ▶ Burst Analysis
- ▶ Modal Analysis
- ▶ Operating Deflection Shape
- ▶ Seismic Qualification
- ▶ Thermal Qualification



### CONTINUING TO EXPAND LOCATIONS, PRODUCTS & SERVICES WORLDWIDE

By expanding our manufacturing facilities and adding representatives from around the world, we are better able to serve our customers domestically and internationally. We now have 560,000 ft<sup>2</sup> manufacturing space in the United States. In addition, we own the largest indoor AMCA accredited laboratory in North America, which allows us to confidently and accurately test and rate our products for performance, efficiency, and sound.