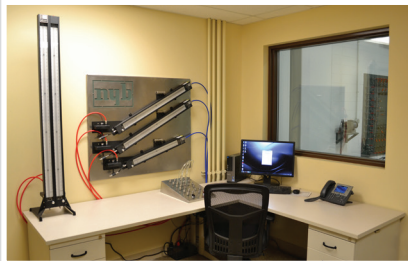


# LABORATORY TESTING CAPABILITIES

The New York Blower Company has expanded its laboratory air and sound test capabilities substantially. This new, state of the art facility now contains six airflow test chambers of various flow and pressure capabilities and two reverberant sound rooms.

## Lab Features include:

- Flows to 130,000 CFM
- Pressures to 100" WC
- Horsepowers to 500 bhp
- 6 Airflow Test Chambers
  - 4 Figure 12
  - 2 Figure 15



## Two Sound Rooms

- 15,000 Ft<sup>3</sup>
- 44,000 Ft<sup>3</sup>
- Ability to operate 230/460/575v.
- Accommodates Simultaneous Air Tests
- Induced Draft and Forced Draft Test Capability

## Additional Testing Capabilities:

- Modal Analysis
- Impact (Bump) Testing
- Balancing and Vibration Tests to a Variety of International Standards
- NDE Weld Analysis
- Wheel Destruction/Deformation Testing
- Positive Material Identification/Verification (non-destructive)
- 2000°F Burnout Oven
- ASTM B117 Salt Fog Chamber Testing for Corrosion
- CAD/Coordinate Verification of Physical Shapes (such as airfoil blades, fan inlet cones)
- Finite Element Analysis (FEA)
- Computational Fluid Dynamics (CFD)
- Prototype/Product Evaluation

For more information call (800) 208-7918 or visit [nyb.com](http://nyb.com)



THE NEW YORK BLOWER COMPANY

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