



THE NEW YORK BLOWER COMPANY
7660 Quincy Street
Willowbrook, IL 60527-5530

Visit us on the Web: <http://www.nyb.com>
Phone: (800) 208-7918 Email: nyb@nyb.com

GUIDE SPEC
GS-740
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SPECIFYING HOODED ROOF VENTILATORS

GENERAL

The Hooded Roof Ventilators shall be as offered by The New York Blower Company. Ventilator design shall employ low silhouette styling. Unless otherwise directed, ventilators shall be in compliance with the layout shown on the drawings.

PERFORMANCE

Ventilator ratings shall be based on tests made in accordance with AMCA Standard 210 and licensed to bear the AMCA Certified Ratings Seal for Air Performance. Ventilators not licensed to bear the AMCA Seal shall be tested at supplier's expense, in an accredited AMCA laboratory. (Option: Only AMCA certified ventilators will be accepted.) Ventilator brake horsepower shall be equal to or less than the BHP specified in the schedule at the listed static pressure and CFM.

SOUND

Sound ratings shall be based on tests made in accordance with AMCA Standard 300 and licensed to bear the AMCA Certified Ratings Seal for Sound. Tests shall be performed in an accredited AMCA laboratory. Ventilators not licensed to bear the AMCA Seal shall be tested at the supplier's expense, in an accredited AMCA laboratory. (Option: Only AMCA certified ventilators will be accepted.)

CONSTRUCTION

Fan component, curb cap and support system shall be of heavy gauge welded steel construction. Hood and base shall be constructed of heavy gauge galvanized steel for corrosion resistance. Hoods can be pivoted for ease of maintenance and roof top access to the fan component. Ventilators shall have a large removable panel to access the fan and backdraft damper.

PAINT

All non-galvanized steel surfaces are processed through a five-stage pretreatment system prior to applying an epoxy powder coating - average 3 mil thickness, baked at 400°F. Surfaces of bolted components not accessible after assembly shall be coated and baked prior to final assembly. Primer only will not be accepted.

BALANCE

All ventilator wheels shall be dynamically balanced prior to assembly.

ACCESSORIES

Accessories shall be provided as called for in the plans and specifications. Required accessories include:

- Application
 - Exhaust
 - Supply
- NEMA 3R Disconnect Switch
 - Single Phase
 - Three Phase
 - Mounted and Wired
- Electric Motor
 - Totally Enclosed
 - Single Phase
 - Three Phase
- Back Draft Damper
 - Motorized
 - Automatic
- Filters
- Bird Screen
- 8" Roof Curb
- Transformer

FINAL INSPECTION

All Hooded Roof Ventilators shall receive a final inspection by a qualified inspector prior to shipment. Inspection to include: ventilator description and accessories, balance, welding, dimensions, bearings, duct and base connection points, paint finish and overall workmanship.

REQUIRED SPECIFYING INFORMATION

Model ____ Hooded Roof Ventilator, ____ Supply or Exhaust, ____ CFM, ____" SP, ____ RPM, ____ BHP at 70°F. and Sea Level, with ____ HP, ____ RPM, ____-____-____/____ v., (Enclosure) ____ Frame motor. Specify accessories as required.

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