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GUIDE SPEC
GS-741
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SPECIFYING UPBLAST ROOF VENTILATORS

GENERAL

The Upblast Roof Ventilator shall be as offered by The New York Blower Company. 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 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

Curb cap and structural angle supports are to be of heavy gauge welded steel construction, powder coated. Butterfly dampers shall be constructed of fiberglass for durability and quiet, maintenance-free operation. Wind shroud is to be heavy gauge, galvanized steel.

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:

- Electric Motor
 - Totally Enclosed
 - Single Phase
 - Three Phase
- NEMA 3R Disconnect Switch
 - Single Phase
 - Three Phase
 - Mounted and Wired
- Magnetic Latch
- Outlet Guard
- Automatic Heat and Smoke Trip
- 8" Roof Curb

FINAL INSPECTION

All Upblast 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 _____ Upblast Roof Ventilator, _____ 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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Form 607 GAW