



GHRV Gravity Ventilators

OPERATION & MAINTENANCE

Revised: 08/24/15



IMPORTANT!

READ BEFORE PROCEEDING!

The information contained herein is, to the best of our knowledge, accurate and applicable for proper operation and installation of the specified equipment at the time this document entered service. Before proceeding, it is recommended that you check for a more current version of this Installation Operation Manual (IOM) on our website at www.johnsoncontrols.com.

Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

INTRODUCTION, INSTALLATION, & MAINTENANCE

RECEIVING AND HANDLING

YORK® by Johnson Controls ventilators are carefully inspected before leaving the factory. When the unit is received, inspect for any signs of tampering. Inspect the unit for any damage that may have occurred during transit and check for loose, missing or damaged parts. Mishandled units can void the warranty provisions. YORK® by Johnson Controls is not responsible for damages incurred during shipment.



Avoid severe jarring and/or dropping. Handle units with care to prevent damage to components or special finishes.

STORAGE

Long-term storage requires special attention. Units should be stored on a level, solid surface, preferably indoors. If outside storage is necessary, protect the units against moisture and dirt by encasing in plastic or some similar weatherproof material.

INSTALLATION | DAMPERS

When required, install dampers prior to mounting the unit on the curb or frame. Secure dampers to the inside of the curb without undue twisting, which may distort the damper frame. Damper frame must be reasonably level on all sides. Check for free operation. If dampers are motor operated type, ascertain that proper voltage is impressed on motor terminals.

POSITIONING & RUNNING POWER LINES

When power lines are brought up to the unit, provide a generous amount of slack to allow for movement. Protect power lines from sharp objects. Do not kink power line or permit it to contact hot surfaces, chemicals, grease or oil. Use only UL recognized electrical parts, rated for proper voltage, load and environment.

Power is normally brought from within the building and placed inside one corner of the curb. Feed power line through the clearance hole provided in the damper and in turn through the ventilator.

ANCHORING OR SECURING THE UNIT

Whenever possible, anchor the ventilator by fastening through the vertical portion of the mounting flange. The type, size and number of fasteners depends upon the unit size and curb construction. If code or specification prescribes fastening through the top (horizontal portion) of the mounting flange, use neoprene or lead washers under the head of each fastener to prevent water leaks.



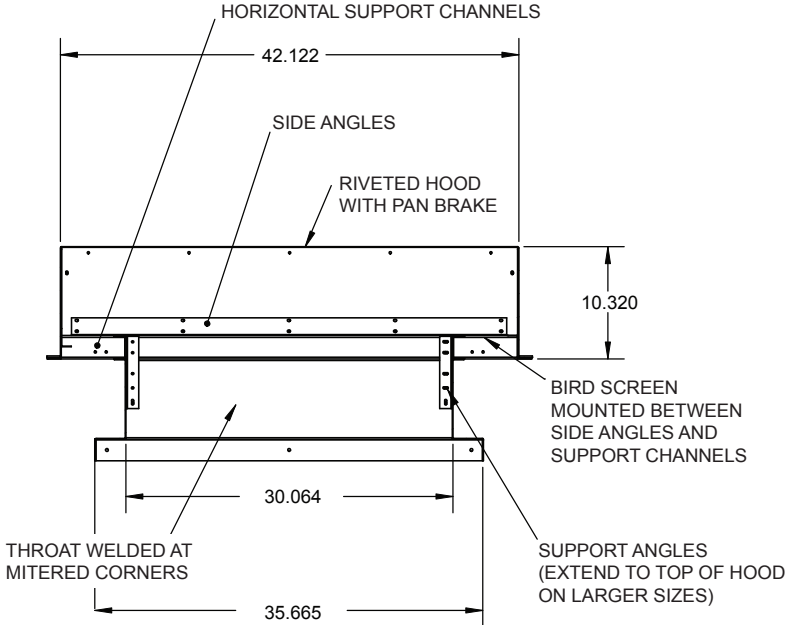
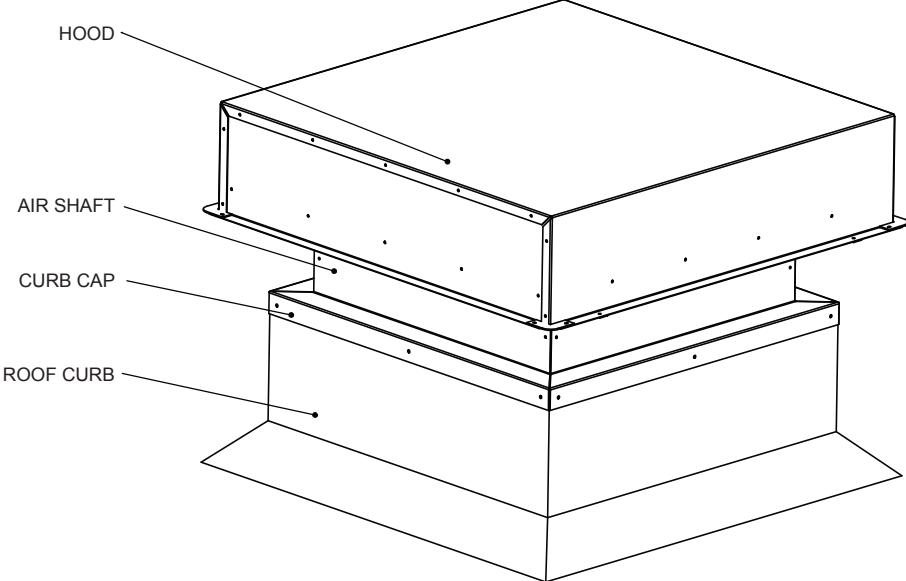
Guy down large units installed in areas subject to high winds or unusual field conditions.

If the contractor removes ventilator parts to facilitate installation and electrical connections, all parts should be reassembled by replacing all spacers, washers, nuts, bolts, fasteners and components exactly as they were found prior to removal. All fasteners are to be drawn tight and secure. The ventilator is now ready for service.

MAINTENANCE

The only maintenance required is an occasional painting as a rust-preventative measure.

ILLUSTRATIONS



Dimensions in inches.



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www.york.com

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