

## WELDED VINYL REPLACEMENT WINDOW HOPPER

<b>Product Series Number:</b>	<b>CVH-250</b>		
<b>Applications:</b>	Basement/Utility		
<b>Frame Depth:</b>	3-1/4"		
<b>Glass Unit Thickness:</b>	7/8"		
<b>Dimension Limitation:</b>	Minimum:	W=16"	H=16"
	Maximum:	W=48"	H=36"

### Architecture Specifications

**General:** Manufactured by Crystal Window & Door Systems, Ltd., 31-10 White stone Expwy., Flushing, NY 11354.

**Operation:** Window shall open in from the frame top or bottom by means of a handle assembly. Sash shall pivot at the top or bottom on two corrosion resistant hinges located at each jamb. The handle shall be the locking device located at the top or bottom sash rail and shall ensure tight sash to jamb weatherstripping compression.

**Materials:** All vinyl extrusions shall be rigid 100% virgin PVC. The frame, mullion, sash rails shall have a main wall thickness of 0.075". Frame section shall have seven tubular hollows for strength and thermal efficiency. Sash profiles shall contain ten tubular hollows.

**Frame construction:** Frame shall be either fitted with a head expander and sill extension or ultrasonic point welded with nailing fin or J trim. All corners shall be mitered and fusion welded for maximum strength and leak resistance. Frame depth shall be 3.25".

**Sash construction:** All sash corners shall be mitered and fusion welded. Width over 40" shall have steel reinforcements at all horizontal rails.

**Glazing:** Sash shall utilize 7/8" thick insulating glass consisting of two sheets of 3/32" thick clear annealed glass and a desiccant-filled metal

spacer system (intercept insulating unit). A butyl sealant shall be extruded around the entire perimeter of the spacer to achieve a seal. Sash shall be interior glazed, back bedded with silicone, and utilize dual durometer snap-in glazing beads.

**Screen construction:** Standard screen shall be a full screen. The screen rails shall be rollformed of aluminum with all corners keyed. The screen mesh shall be held-in-place with a flexible spline.

**Hardware:** Two piece turn handle lock with cam keeper. 300 series stainless steel hinges.

**Weatherstripping:** High-density woven pile shall be used in combination with continuous polyethylene rigid seal to minimize air infiltration.

**Finish:** Shall be solid vinyl in off white.

**Options:** Grids – Colonial, Georgian and Diamond aluminum in-glass in white, bronze or two tone (green-white or bronze-white), are available. Glazing – Swiggle spacer, obscure wire, clear wire, frosted, Low-E, Argon filled Low-E, and special tempered glass can be used. Field mulled or factory mulled units are available. Nailing fin can be used for new construction. Two tone colors are available.