

## WELDED VINYL NEW CONSTRUCTION WINDOW HOPPER DOWN

<b>Product Series Number:</b>	<b>CVS-340</b>		
<b>Applications:</b>	Basement/Utility		
<b>Frame Depth:</b>	2-5/8"		
<b>Glass Unit Thickness:</b>	7/8"		
<b>Dimension Limitation:</b>	Minimum:	W=15"	H=12"
	Maximum:	W=40"	H=28"

### 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 by means of a handle assembly. Sash shall pivot at the bottom on two shoes located at each jamb. The handle shall be the locking device located at the top sash rail and shall ensure tight sash to jamb weatherstripping compression.

**Materials:** All vinyl extrusions shall be rigid 100% virgin PVC. Head, jambs and sash rails shall have a main wall thickness of 0.062". Frame profile shall have six tubular hollows for strength and thermal efficiency. Sash profiles shall be tubular extruded. Sill shall be 0.075" thick on main wall and have four tubular hollows.

**Frame construction:** Frame shall have an integral pre-punched nailing fin along the perimeter. All corners shall be mitered and fusion welded. Frame depth shall be 2.625". Frame depth from inside of the nailing fin to the interior of the frame shall be 1.688". Sill shall be sloped to aid water run-off.

**Sash construction:** All sash corners shall be mitered and fusion welded. Window width over 40" shall have internal metal 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 exterior 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. Take out shoe and pivot bar with lock shall be used for easy sash removal and reinstallation.

**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.