

# ICON – Installation Instructions

Questions? Call +1.866.437.0044 to speak with a person in customer support.


## BEFORE YOU BEGIN


Read these instructions completely and carefully.

- **IMPORTANT** - Save these instructions for future reference.
- **IMPORTANT** - Observe all governing codes and ordinances.
- **Skill level** - Installation of this appliance requires basic mechanical skills.
- **Install time** - Approximately 1 hour
- We recommend that two people install this product.
- Proper installation is the responsibility of the owner/installer.
- Product failure due to improper installation is not covered under the Warranty.
- Use proper installation procedures as described in these instructions when installing this system. Installation may not require the use of all of the clips or hardware.

## ELECTRICAL REQUIREMENT

The 3-prong grounding plug minimizes the possibility of electric shock hazard. If the wall outlet you plan to use is only a 2-prong outlet, it is your responsibility to have it replaced with a properly grounded 3-prong wall outlet.

 **CAUTION:**  
Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.  
Do not change the plug on the power cord of The ICON system.  
Aluminum house wiring may present special problems—consult a qualified electrician.

 **ATTENTION :** Ne pas, dans aucune circonstance, coupe ou enlever la troisième fourche (de la terre) du cordon de secteur.  
Ne changez pas la prise sur le cordon de secteur du système d'ICÔNE.  
Le câblage en aluminium de maison peut présenter spécial problème-consultent un électricien qualifié.

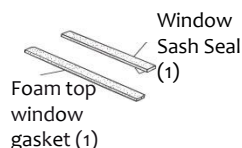
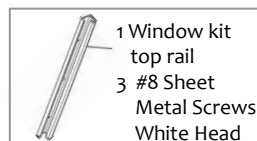
## UNPACK THE CONTENTS

ICON System



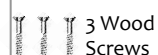
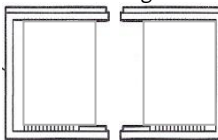
Owner's Manual

Warranty Card



Window Installation Kit

Left Panel Right Panel



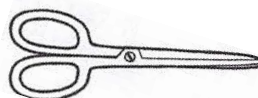
Air flow Demonstration Kit

Ships disassembled:  
1 left & 1 right side frame  
1 measuring lined cover panel  
3 unlined cover panels  
2 insulation foam

## TOOLS YOU WILL NEED



#3 or #4 Phillips head screwdriver



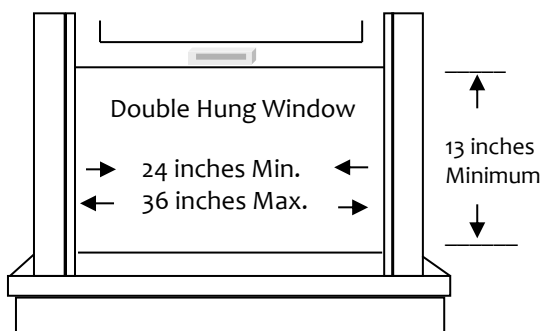
Medium Scissors

Note: A drill may be required for pilot holes.

# ICON – Installation Instructions for Double Hung Windows

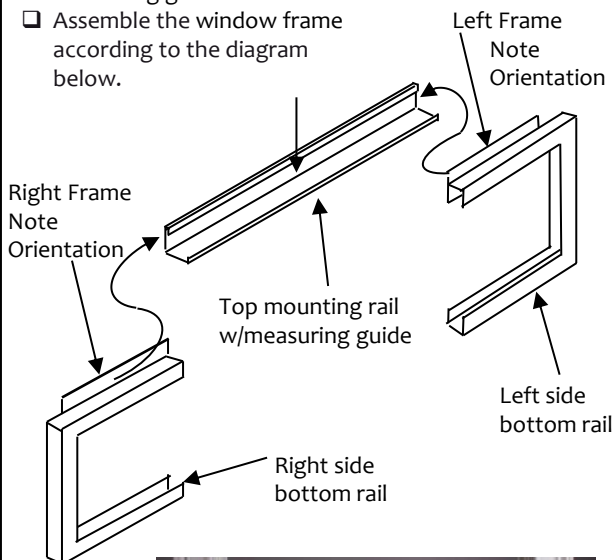
## 1 WINDOW REQUIREMENTS

- ❑ After selecting the best window location for your ICON system, the window must be measured.
- ❑ The window area should be free from any obstructions inside and outside of your home to adhere to min/max requirements.
- ❑ The electrical outlet must be within six feet of center of the window sill.



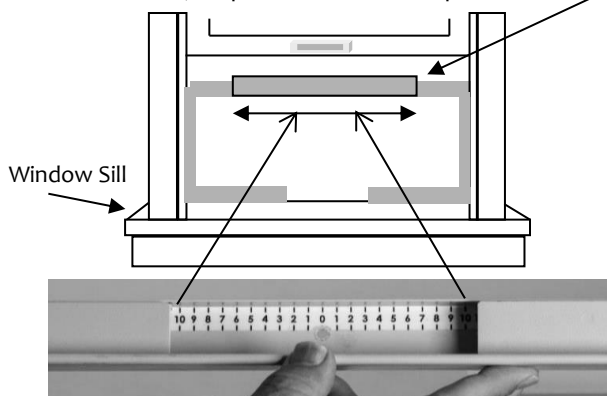
## 2 WINDOW KIT ASSEMBLY

- ❑ The top mounting rail of the window kit includes a measuring guide.
- ❑ Assemble the window frame according to the diagram below.



## 3 WINDOW KIT cont.

- ❑ Open the window the ICON will be installed in.
- ❑ With the tall side of the top mounting rail toward you place the 3 assembled parts into the frame of the window.  
The bottom rail of the left and right frames should be beyond the back of the sill and flush up against it. Push the left and right window panel frames, firmly against the window frame in the track of the window.
- ❑ The frame is now in the same position as in the final assembly.
- ❑ Position check – close the window, the window frame should close past the tall edge of the top window bracket and flush to it, reopen the window and proceed.



- ❑ Slide the top rail left or right so that the exposed numbers are the same at both ends of the top rail.

Example: (10 – 10 or 20 – 20)

Record the number in the box to the right:

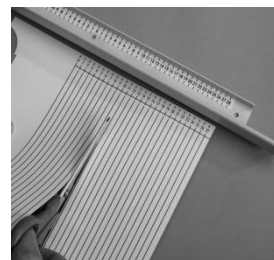
this will be used for cutting the insulation and the side panels to the proper size for the window. Remove the assembled parts from the window.

## 4 TRIMMING THE SIDE PANELS

- ❑ One of the 4 panels will be marked with numbers and lines on the white side of the panel. Cut this panel on the line with the same number as recorded in the box in step 3. This panel is now the cutting template.

Example: if the recorded number is 10; cut along line 10

Using the template from above, Cut the 3 remaining panels and The two pieces of insulation foam to the same size as the Cutting template. Place the template on top of the 2 foam pieces and the remaining 3 panels one at a time and cut each piece .

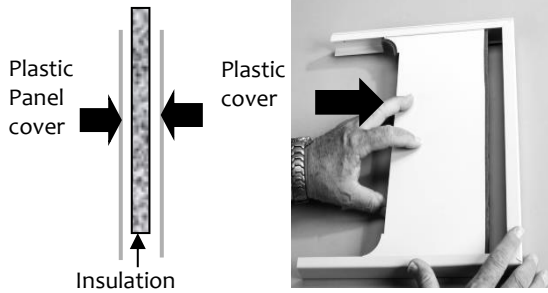


# ICON – Installation Instructions

## 5 ASSEMBLE THE TRIMMED SIDE PANELS

- ❑ Assemble covers, foam and frame as shown below and set aside.

White side of panel facing toward the foam



- ❑ Attach the top mounting rail to the ICON with 3 sheet metal white head screws in the window kit. The tall mounting rail edge must be oriented toward the front of the ICON system.

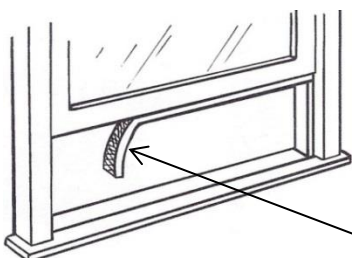


- ❑ Insert the side panels assemblies into the top and bottom rail and push the assemblies firmly against the shell of the ICON. Make sure the plastic panels are inside the frame on all sides, front and back.



## 6 PREPARE THE ICON WINDOW

- ❑ Cut the window sash seal foam tape to the proper length to fit the entire length of the underside of the window sash.



This is the thin foam tape with the adhesive backing. Remove the paper backing and press the adhesive side of the foam to the under side of the sash as shown.

## 7 STORM WINDOW REQUIREMENTS

The following steps only apply when a storm window exists on the window the ICON is being installed in and it restricts proper installation.

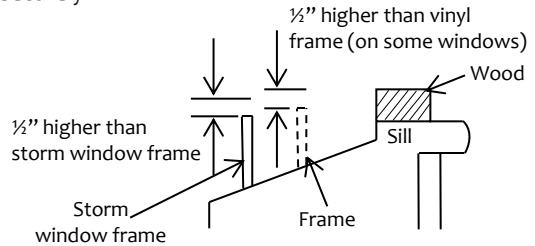
A storm window frame may not allow the ICON to tilt toward the outside, and will keep it from draining properly. To adjust for this, attach a piece of wood on the sill and flush to the back of the sill.

### WOOD PIECES (not supplied)

WIDTH: 2"

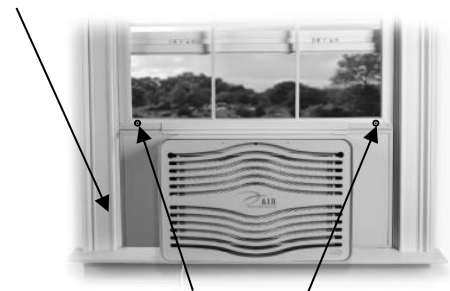
LENGTH: Long enough to fit inside the window frame from side to side.

THICKNESS: To determine the thickness, place a piece of wood on the sill to make it 1/2" higher than the top of the storm window frame or the vinyl frame. Attach securely.



## 8 INSTALL THE ICON IN THE WINDOW – One side at a time

- Open the window to the maximum height. Lift or remove the screen or storm window, if applicable.
- Place the ICON on the window sill at a slight left to right angle. Holding the system firmly to support the weight, slide the system bottom rail past the window sill. Install the ICON one side at a time. Set one side into the window track and then pull the system toward you until the other side is firmly in the opposite window track.
- Lower the upper window. The bottom of the window sash should rest on top of the unit. The face of the top mounting rail must be flush with the window sash.
- Make sure the left & right panel frames are tight against window tracks channels.



- Install the frame locking screws (2 – supplied with kit) on the right (1) and left (1) side rails in the upper window frame sash as illustrated above.

NOTE: To prevent the window frame from splitting, it may be necessary to drill pilot holes before driving the screws.

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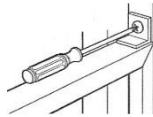
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## 9 INSTALL WINDOW LOCKING BRACKET AND FOAM WINDOW GASKET

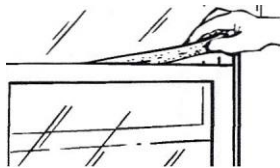
- A** Attach the window locking bracket to the window side jam with one screw as illustrated below.

**CAUTION:**

To prevent broken glass or damage to windows, on vinyl or other similarly constructed windows, attach the window locking bracket to the window side jam with one screw.



- B** Cut the foam window gasket to fill the entire opening length between upper window pane and the top frame of the lower window.
- C** Slide the cut foam between the outer window pane and the inside window frame top.



**NOTE:** If the gasket supplied does not fit your window, the appropriate material and size can be obtained from your local hardware store to provide a proper insulation seal.