

Window Mount Installation Instructions For 1/2 HP and 1 HP Models

(Window mounting not available for 2 HP model)

READ CAREFULLY BEFORE INSTALLING UNIT

IF YOU REQUIRE ADDITIONAL ASSISTANCE
PLEASE CONTACT US:

Email: support@hydroinnovations.com

Phone: (512) 321-7575



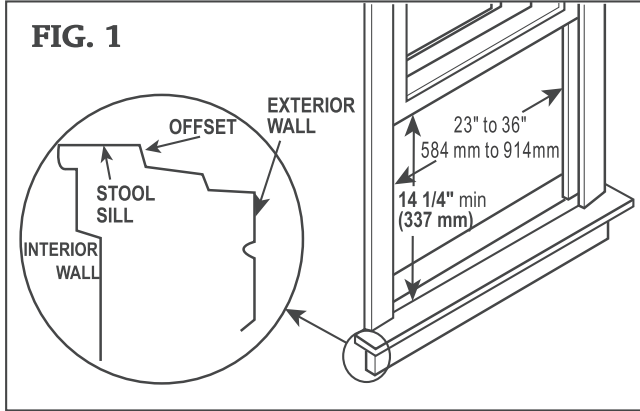
FOR MORE INFORMATION ABOUT THIS AND OTHER PRODUCTS
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Your Chiller is designed to install in standard double hung windows with opening widths of 23 to 36 inches (984 mm to 914 mm) (See FIG 1.)

Lower sash must open sufficiently to allow to a clear vertical opening of 14-1/2 inches (368 mm). **Side louvers and the rear of the chiller must have a clear space to allow enough airflow through the condenser, for heat removal. The rear of the unit must be outdoors, not inside a building or garage.**



Mounting Hardware		Qty.
	3/4" screws	7
	lock frame	2
	sash lock	1

TOOLS NEEDED:


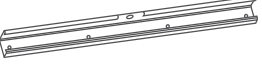
- Phillips Screwdriver
- Drill (If pilot holes are needed)

NOTE: DO NOT USE ANY SCREWS OTHER THAN THOSE SPECIFIED HERE.

CAUTION

When handling unit, be careful to avoid cuts from sharp metal edges and aluminum fins on front and rear coils.

Before installing unit, the top rail must be assembled on the unit.

Top Rail Hardware	Qty.
 3/8" Screw	4
 Top Rail	1

Installing top rail

1. Align the holes of the top rail with those in the top of the chiller with the long side of the rail facing forward.
2. Secure the top rail to the unit with the 3/8" screws.

**Some assembly is required.
Please read these instructions carefully.**

NOTE: FOR SAFETY REASONS, ALL FOUR (4) SCREWS MUST BE SECURELY FASTENED.

How to Install

NOTE: Top Rail and Sliding Panels at each side are at each side are offset to provide the proper pitch to the rear of the (5/16"). This is necessary for proper condensed water utilization and drainage. If you are not using the Side Panels for any reason, the pitch to the rear must be maintained!

1 Place unit on floor, a bench or a table. There is a Left and Right Window Filler Panel - be sure to use the proper panel for each side. When installed the flange for securing the panel in place to the window sill will be facing into the room.

A. Hold the Accordion Panel in one hand and gently pull back the center to free the open end. (See Figure 2.)



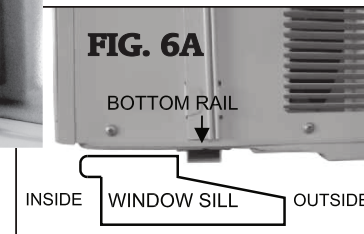
C. Once the panel has been installed on the side of the cabinet, make sure it sits securely inside the frame channel by making slight adjustments. Slide the top and bottom ends of the frame into the top and bottom rails of the cabinet. Figure 5.



D. Slide the panel all the way in and repeat on the other side.

NOTE: If storm window blocks chiller, see Figure 14.

2 Keep a firm grip on the chiller, carefully place the unit into the window opening, so the bottom of the chiller frame is against the window sill. (Figure 6 & Figure 6A). Carefully close the window behind the top rail of the unit.



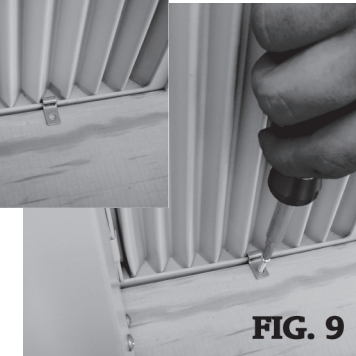
B. Slide the free end ("I" section) of the panel into the cabinet as shown in Figures 3A, 3B & 4. Slide the panel down. Be sure to leave enough space to slip the top and bottom of the frame into the rails of the cabinet.



3 Extend the side panels out against the window frame. (Figure 7).



4 Place the frame lock between the frame extensions and the window sill as shown (Figure 8). Drive 3/4" (19 mm) locking screws through the frame lock and into the sill. (Figure 9). NOTE: To prevent window sill from splitting, drill 1/8" (3mm) pilot holes before driving screws.



5 Drive 1/2" (13 mm) locking screws through frame holes into window sash (Figure 10/11).



6 To secure lower sash in place, attach right angle sash lock with 3/4" (19 mm) screw as shown in (Figure 12).

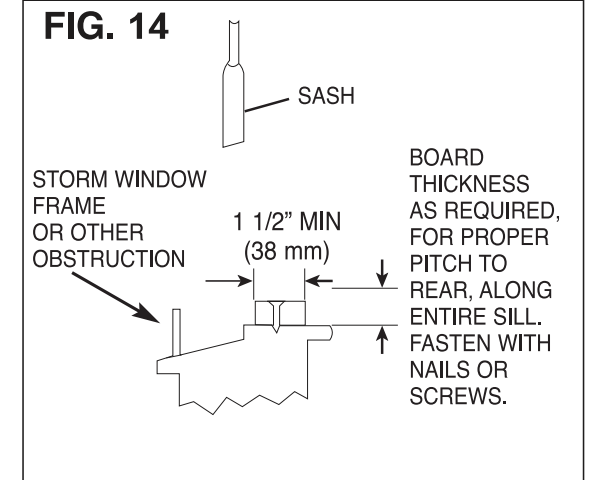


7 Cut foam seal and insert in the space between the upper and lower sashes (Figure 13).



If Chiller is Blocked by Storm Window

Add wood as shown in Figure 14, or remove storm window before chiller is installed.



If storm window frame must remain, be sure the drain holes or slots are not caulked or painted shut. Accumulated rain water or condensation must be allowed to drain out.

Removing Chiller From Window

- Turn Chiller off, and disconnect power cord.
- Remove sash seal from between windows, and unscrew sash lock.
- Remove screws installed through frame and frame lock.
- Close (slide) side panels into frame.
- Keeping a firm grip on chiller, raise sash and carefully "rock" chiller backward to drain any condensate water in the base of the unit. Be careful not to spill any remaining water while lifting unit from window. Store parts WITH chiller.