



# DeVAC Model 450 Operating Instructions

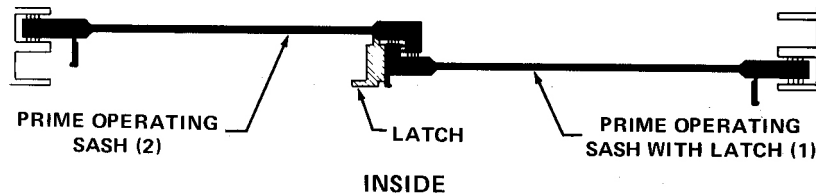


Figure 1 - Identification of Parts

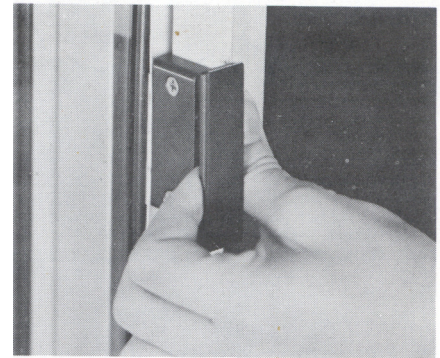


Figure 2

## To Open For Ventilation:

1. Disengage latch on the prime operating sash with the latch (1, Figure 1) by pulling the handle (Figure 2). Tip the handle sideways and rest it on the meeting rail to hold the latch open. (The latch may also be held open manually)
2. Grasp the side rails of the prime operating sash (1) at about the mid height of the sash or a little below, and slide the sash horizontally to open to the desired ventilating position. (Figure 3)

## To Close:

Simply reverse the procedure. Be sure to close the sash firmly, to ensure that the rails are fully seated inside the jamb weather-stripping and the meeting rails interlock. If the sash was left in the hold open position on the rail, tip the handle to relock.

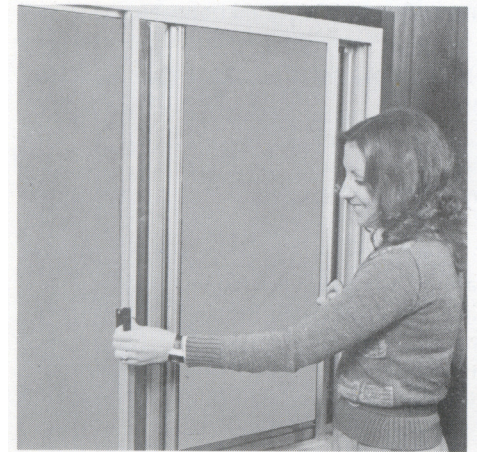


Figure 3





## Anti-Tip Device Instructions DeVAC Model 450

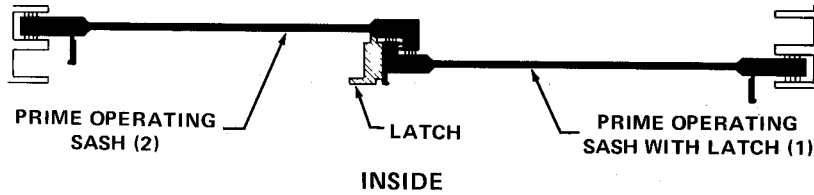


Figure 1 - Identification of Parts

Your windows, especially tall narrow ones, may be equipped with vinyl anti-tip devices in the top of the sash. These prevent binding of the sash in the frames. Sashes so equipped, cannot be taken out until after the device has been removed. The special hooked tool is furnished for this purpose, and should be kept in a safe place, so it will be available when needed.

### Removal:

1. Disengage latch on the prime operating sash with the latch (1, Figure 1)
2. Open the prime operating sash (1) fully.
3. Insert the hook end of the tool between the top of the sash and the upper frame (Figure 2)
4. Engage the hook in the hole at the end of the vinyl piece.
5. Pull horizontally; the device will slide out. When the notched portion is visible, the device can be bent down to facilitate removal (Figure 3)
6. Open the prime operating sash (2) fully.
7. Insert the hook between the top sash and the upper frame (Figure 4) and engage the hook in the hole of the device.
8. Pull horizontally; the device will slide out. When the notched portion is visible, the device can be bent down to facilitate removal (Figure 5)

### Reinsertion:

Note: The device can only be inserted in the slot end it was taken out of.

1. Insert one end of the vinyl device in the slot at the top of the sash. The tool is not needed for reinsertion.
2. Slide the device all the way into the slot. Start with the outside storm sash and work your way inward.

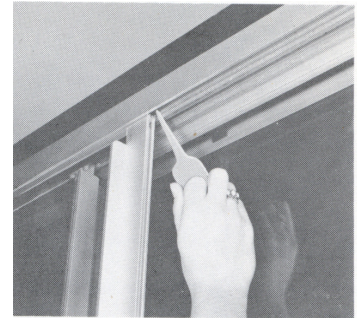


Figure 2

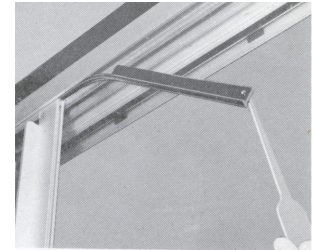


Figure 3

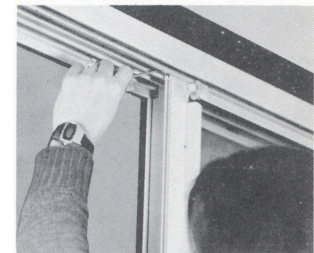


Figure 4



Figure 5





# Maintenance Instructions DeVAC Model 450

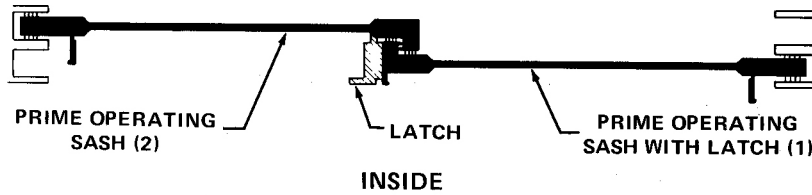


Figure 1 - Identification of Parts

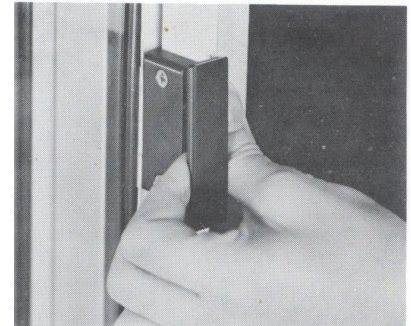


Figure 2

## A. Removal of Sashes:

### Prime Operating Sash with Latch (1, Figure 1)

1. Disengage latch on the prime operating sash (1) by pulling the handle (Figure 2). Tip the handle sideways to catch and hold open on the rail.
2. Slide the sash open a few inches. Grasp side rails (Figure 3).

Note: Sashes equipped with an anti-tip device cannot be taken out until after the anti-tip device is removed. See anti-tip device removal and reinsertion instructions.

3. Grasp both sides of the sash (Figure 3), and raise vertically into the pocket of the upper frame.
4. Pull the bottom of the sash to the inside to clear the bottom of the frame, and lower sash to remove (Figure 4).
5. Lean the sash against the wall or a solid surface.



Figure 3

- Notes: \* Stand the sashes in order and orientation removal, to facilitate reinsertion.  
\* Do not stack the sashes flat, because of a greater potential for breakage or damage.  
\* Exercise care in removing the sashes in wet or windy conditions, to prevent damage or personal injury. Close any doors in the room to prevent strong drafts.

### Screen (3) (if provided)

6. The screen does not slide. Push the top of the screen up into the pocket of the upper frame.

### Prime Operating Sash with Latch Slots (2)

7. Remove sash (2) following the exact procedure given in Steps 2,3 and 4 and lean the sash against the previously removed sash.
8. Pull the bottom of the screen (4) to the inside to clear the bottom of the frame (Figure 5), lower to remove and lean the screen against the previously removed sashes.



Figure 4





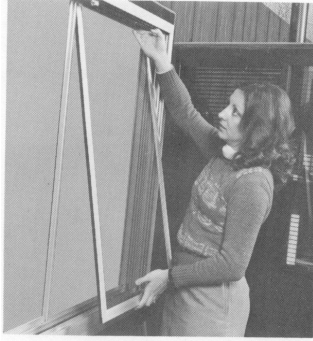


Figure 5

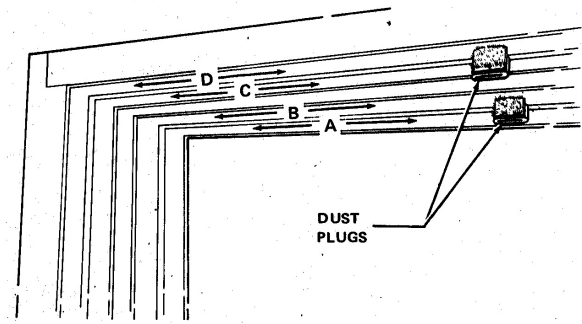


Figure 6

## B. Cleaning/Inspection

All sashes are now available for cleaning and inspection. Be sure to keep sashes in order of removal and in correct orientation (do not rotate, turn upside down, or reverse) for proper reinsertion.

For safety and continued thermal efficiency, all glass should be clean, and any cracked or broken glass replaced.

See separate instructions titled "Care after Installation" and "Sash Reglazing".

## C. Reinsertion of the Sashes

### Prime Operating Sash with Latch Slot (2)

1. Grasp sash (2) firmly at the edge rails, and insert the top of the sash into Track C of the upper frame. Push bottom edge of the sash (2) toward the outside, drop onto the bottom rib and slide firmly into the closed position. Be sure the sash is firmly seated inside the jamb track between the weather-stripping to eliminate air leakage.

*Note: Use caution in reinserting the sashes, particularly those that could be dropped through the window frame. To avert damage, do not strike or force the sash against the dust plugs. Also correct orientation of the sash must be maintained to allow reinsertion without damage to the dust plugs.*

### Screen (4) (if provided)

2. Insert the top of the screen frame (4) into Track A of the upper frame. Push the bottom edge of the screen frame into place. Push the screen down, to seat on the bottom rib.

### Prime Operating Sash with Latch Handle (1)

3. Grasp sash (1) firmly at the edge rails, and insert the top of the sash into Track D of the upper frame. Push bottom edge of the sash (1) toward the outside, drop onto the bottom rib and slide firmly into the closed position. Be sure the sash is firmly seated inside the jamb track between the weather-stripping to eliminate air leakage. Re insert anti-tip devices, if provided. (See separate instructions).
4. Engage latch for security.

