

# HALE PET DOOR™

## INSTALLATION INSTRUCTIONS

### VERTICAL OR HORIZONTAL

## HALE SPRINGTECH™ WINDOW MODEL

Please read these instructions carefully and completely before attempting to install Hale Pet Doors; they will guide you through the steps and precautions needed for a window installation. . To reach an experienced installer for free consultation, please call 1-800-646-4773. Hale Pet Doors are designed for ease of installation and are ideal for most sliding windows. It is important to note however, that the product warranty may be affected if returns have been modified in any way other than specified by these instructions.

#### A SAFETY REMINDER!

**Always wear eye protection and gloves when appropriate.**

**Step 1:** Before installation, be sure that you have the proper size pet door for your pet. If in doubt, larger is better. It may be harmful for your pet to use a pet door that is too small. However, with a window installation, the size of the pet door will be limited by the size of the window opening. Make sure that this application will work for your pet and your window before ordering. Otherwise, a different application may be better.

**Step 2:** Take a brief look at the large illustration of the Hale SpringTech Window™ model and become familiar with various components of the pet door window model. This will not only help in understanding the terms used in these instructions but can be very useful should you need to call for technical support.

**Step 3:** Check the package you received to make sure that it contains all the necessary parts.

Complete Kit includes:

#### Instructions

7/64" drill bit

5/8" #6 Phillips head screws

Two strips of gray pile weather-stripping

Hale SpringTech Window™ model pet door (horizontal or vertical model—custom made to your previously supplied measurements)

#### Warranty

Vinyl weather-stripping

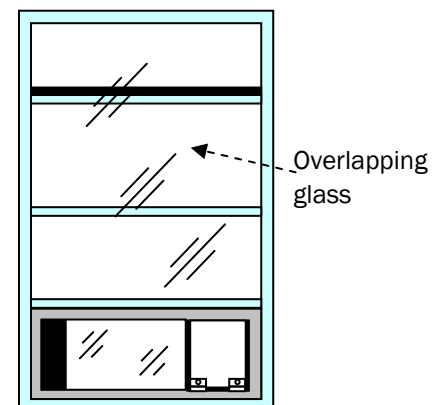
GE Lexan® security cover

Tools you may need: **Tape measure** **Drill** **Foam tape**

**Step 4:** The customer or you should have previously measured the window width and opening height when ordering the pet door. Measure both the window and the pet door you received to make sure that everything will fit.

**Step 5:** Clean both sides of the glass window panes. There will be some overlap of the window panes (**figure 1**) when you are finished installing the window insert. This is nearly impossible to clean later without removing the pet door insert, so cleaning it before installation will save time and trouble.

**Figure 1**



**Step 6:** Unroll the strips of fuzzy gray pile weather-stripping and feed them into the channels running along the window panel. These channels will be on the sides of the panel that the window will close against. Therefore, if you have a vertically opening window, the channels will be on the top and bottom of the window insert. If you have a horizontally opening window, the channels will be on the two sides of the window insert.

**Step 7:** Slide open the window (either horizontally or vertically depending on which model you are installing) and carefully place the pet door into the window track.

**Step 8:** Fit the collapsible end of the pet door window unit into the window track.

**Step 9:** Push from the stationary end to collapse the spring mechanism inward far enough to allow the stationary end to be positioned in line with the window track.

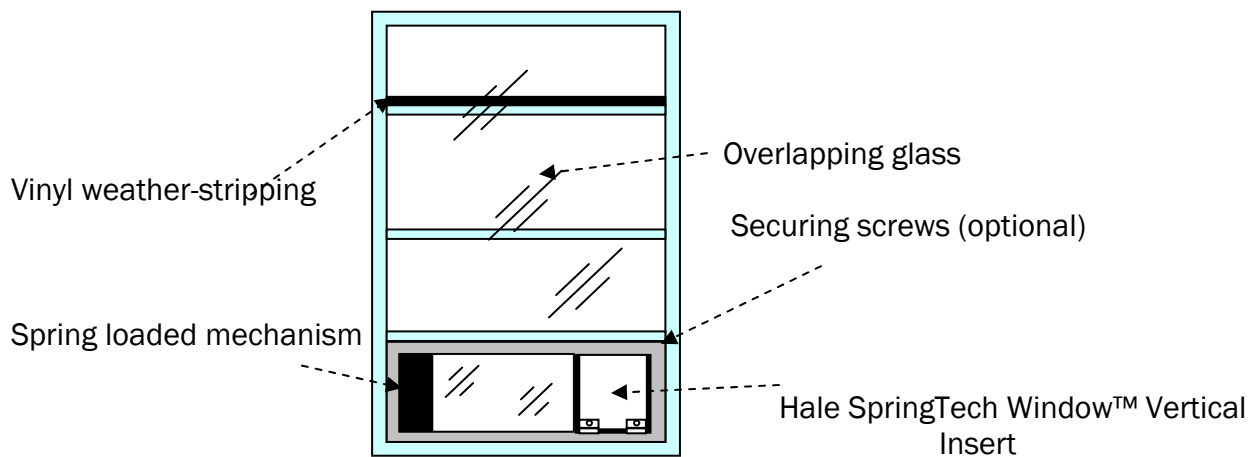
**Step 10:** Release the stationary end and let the force of the spring tension push the end into its track.

**Step 11:** Use your hands to tap or shove the unit into the bottom or side track depending on which model of window unit you are installing. The pet door should be held securely in the window track.

**Step 12:** Close the window down on top (vertical window) or up against the side (horizontal window) of the pet door and inspect for gaps. Fill any gaps with foam tape. (not included) (figures 2 and 3)

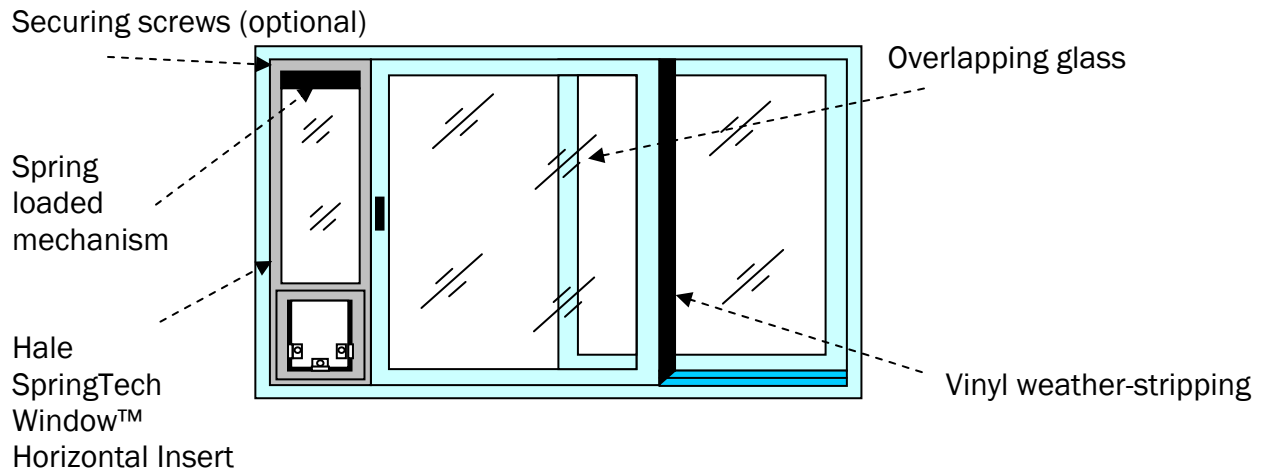
**Step 13:** Decide where you would like to place the vinyl weather-stripping. For a vertically opening window, place vinyl weather-stripping on the top edge of the opening window or the bottom edge of the stationary window to seal the gap created by overlapping glass. For a horizontally opening window, place vinyl weather-stripping on the inside back edge of the opening window or the outside front edge of the stationary window to seal the gap created by overlapping glass. (figures 2 and 3) Thoroughly clean the area that you have chosen. Cut vinyl weather-stripping to the proper length with scissors. Remove the protective paper from the adhesive area and press firmly into position.

**Figure 2**  
Installed vertical Hale SpringTech Window™ model



**Figure 3**

## Installed horizontal Hale SpringTech Window™ model



**Step 14:** If you so desire, you can put a screw or two through the window frame to prevent the window from being opened. **Be very careful that you don't drill into glass!** If you hit the window pane with either the tip of the drill bit or a screw, it will shatter. The glass in the pet door comes all the way to the edge of the frame, so don't try to drill into the pet door frame at all.

**Step 15:** Peel the protective covering from the GE Lexan® security cover and set it aside for a couple of hours before installing it into the front frame. A drying period will prevent the inner flap from sticking to the newly uncovered GE Lexan® cover. The cover will slide easily into place in the built-in frame and can be easily locked and unlocked with the positive action pin bolt lock. Depending on the window model ordered, there may be a "removal slot" cut into the edge of the security cover to enable the cover to be removed. In that case, slide the cover along the track until you can tip the cover out of the track.

## DOOR SPECIFICATIONS:

**Flaps:** Double flaps (one flap on each frame) made of flexible 3/16" clear PVC vinyl. Single flap only on single pane model.

**Inner Frame:** Inner frame made of two separate metal extrusions. Three sides entrap the security cover. Both extrusions are .063" wall thickness.

**Outer Frame:** Extruded 6063-T5 aluminum with .063" wall thickness. Designed to sleeve into the inside frame.

**Alnico5 Magnets:** A 1/4" rod magnet 1 1/2" long made from an aluminum, nickel and cobalt alloy known for strength and durability. Door size determines number of magnets.

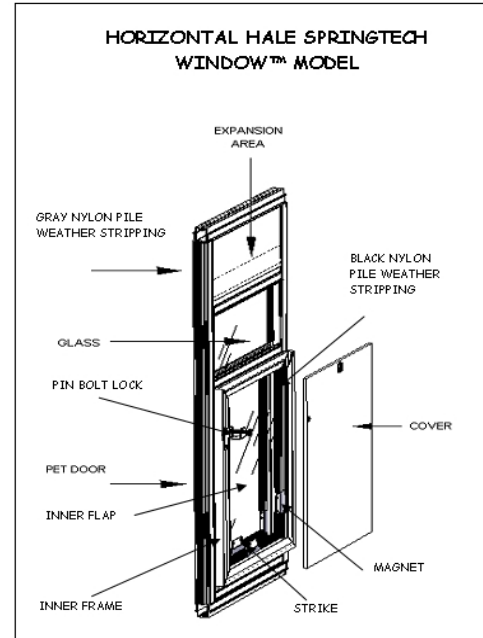
**Strikes:** Made of ferrous stainless steel. 1 1/2" long, 3/4" tall and 1/32" thick. U shaped with interior prongs, when pressed onto the vinyl flap, the barbed prongs hold firmly.

**Weather-stripping:** Flap is surrounded by 1/2" black nylon pile for maximum insulation. Nylon is woven into a backing 9/32" wide and 1/32" thick.

**Security Cover:** 3/16" thick GE Lexan® polycarbonate sheet. Extremely shock and impact resistant. Has a 3/8" diameter locking hole and a 3/4" diameter handle hole.

**Removal Slot:** Groove cut into security cover to enable removal past other window hardware.

**Pin Lock:** A 1/4" diameter positive action steel pin encased with 5/32" thick fabricated plated steel.



## WINDOW SPECIFICATIONS:

**Frame:** Designed to fit into a window track 7/8" or wider but can be factory modified to fit tracks as small as 1/2".

**Spring Expansion:** Springs within the spring expansion area force this end of the unit outward causing the window model to fit snugly into the window track.

**Springs:** Two to four springs (depending on the unit size) each 5" long and 7/16" outside diameter. Each spring consists of 24 coils of spring wire .042" in diameter.

**Glass:** Double pane insulated tempered glass or Single pane 3/16" tempered glass.

**Pile Weather-stripping:** Top and bottom edges of window unit contain dense 5/16" gray nylon pile weather-stripping. Nylon is woven into a .270 wide and 1/32" thick nylon backing.

**Vinyl Weather-stripping:** Unit also comes with extra length of 1 7/8" x 1/16" black vinyl weather-stripping to attach to back edge of your window to prevent air leakage.

