

WEATHERIZATIONPRO™

How to Install a Weather-stripping Doorset

This instructional video has been produced by your WeatherizationPRO Dealer Network members and is to show our homeowner clients how to install commercial grade weather-stripping on the doors in their homes.

The doors that go between the inside of your house and the outside of your house, as well as the door going from your house to your garage, are typically leaking significant amounts of air and with the leaking air, your hard earned energy dollars.

By installing commercial grade weather-stripping like Honeywell EnovatePRO “Q-lon and aluminum” constructed weather-stripping doorsets and doorsweeps, you can significantly reduce your air and energy leakage.

We recommend always having your WeatherizationPRO Home Performance Professional first measure to determine the actual amount of leakage of your doors using a blower door, infrared camera and/or air leakage detector (or smoke pencil). You

should be present during the blower door assessment, so you can see where, and how much, your doors are leaking air and energy.

The doorsets constructed of Q-Lon and Aluminum are offered in three colors: white, brown, and aluminum. The aluminum colored doorsets may be painted to match your door or door trim.

The tools and materials you will need are:

- Honeywell EnovatePRO Commercial-Grade Weather-stripping Doorset and Screws
- Power Drill with one eight inch (1/8”) drill bit, Phillips Bit, and Phillips Head Screw Driver

- **Tape Measure**
- **Low Odor LATEX Caulk (white and clear)**
- **Utility Knife**
- **Hack Saw, Sawz-All, or Sheetmetal Shears**
- **Damp Rag**

(Note: Prior to installation of weather-stripping, we recommend installing a lever type handle for the door that is being weatherized. When turning a knob style handle, the new weather-stripping can “catch” your knuckles.)

1. First, you should choose what color of doorset you would like to use for your doors. White, brown, and aluminum are your choices. The aluminum color doorset may be painted to match your existing door or trim.
2. The Honeywell EnovatePRO **Doorset** product packaging should contain 3 pieces, along with mounting screws. There are two long pieces for the left and right side of the doorway. There is also a shorter piece for the header, or top of doorway.
3. After opening the package, inspect the weather-stripping door set to insure that it is not damaged. Use your utility knife during installation to trim all excess material from the doorset.
4. Measure the header (or top) of the doorway. Cut the shorter piece of weather stripping using a hack saw, sawzall, or shears to fit the header that you previously measured. Please note, as you cut the pieces, if you cut off one or more of the pre-drilled holes in the doorset, you may need to use your one eighth inch (1/8”) drill bit and pre-drill another screw hole, before attaching the doorset piece to the door.
5. You should now do a “dry fit” of the top piece. This means you should place the piece of weather-stripping in place without caulking or screwing it in. You are just making sure

that it fits snugly before attaching it permanently. Once you have “dry fit” the piece, and are certain it is correctly cut, remove it.

6. Using a caulk gun and clear latex caulk, run a small one eighth inch (1/8”) bead along the header of the doorway where the weather stripping is going to be screwed into place.
7. Place the header piece of the weather-stripping in place. Using a power drill with Phillips bit, and screws provided, screw in only one screw on each end. Do not screw all the screws in, until all pieces of weather-stripping are in place.
8. Open and close door to make sure that the door clears the weather stripping.
9. When installed properly, the door should compress the weather-stripping about one quarter inch (1/4”) and close “snuggly” against the weather-stripping.
10. Measure the left side of the doorway. Cut one of the large pieces of weather-stripping doorset to fit using a hacksaw, sawzall, or shears. Please note, as you cut the pieces, if you cut off one or more of the pre-drilled holes in the doorset, you may need to use your one eighth inch (1/8”) drill bit and pre-drill another screw hole, before attaching the doorset piece to the door.
11. “Dry fit” the piece you just cut - then remove.
12. Using caulk gun and latex caulk, run a one eighth inch (1/8”) bead of caulk down the inside of the door trim where this side of the weather-stripping doorset is going to be installed.
13. Close the door. With the door in closed position, using screw gun, screw in one of the supplied screws on the top end of the doorset. Repeat this process and screw in one of the screws in the middle section of the doorset. Repeat this process placing a screw in the bottom section of the doorset.

Once again do not install all of the other screws at this time.

14. Open and close the door again to make sure that the door clears the weather-stripping doorset and yet snugly compresses the doorset Q-lon pad about one quarter inch.
15. Measure the right side of the doorway. Cut your last remaining piece of weather stripping doorset to fit using a hacksaw, sawzall, or shears.
16. "Dry fit" this piece of the weather-stripping doorset. Then remove.
17. Using caulk gun and caulk, run a small bead of caulk down the inside of this door trim where the weather-stripping is going to be installed.
18. Using a screw gun and Phillips bit, screw in one screw on each end and one in the middle of this piece.
19. Carefully open and close the door and make sure that all the surfaces of the weather-stripping doorset touch the door and snugly compress the Q-Lon for an air tight fit.
20. Using a screw gun, go back and screw in all the remaining screws on all three pieces of weather-stripping doorset.
21. Wipe all excess caulk off of door trim with a damp rag.
22. Open and close the door to make sure that the door closes snugly against all surfaces of the weather-stripping.
23. Check the handle, latches, and lock to make sure they clear the newly installed weather-stripping and all door mechanisms are working properly.
24. While you are installing your doorset, we recommend caulking around all of the interior and exterior door trim pieces to ensure no air leaks through the trim around your doors. For caulking instructions and video, please return to the video menu.
25. After completion of your project, be sure and clean the entire work site, and call your

WeatherizationPRO Home Performance Dealer to come back and re-test for air leakage with their blower door and other Home Performance diagnostic equipment.

(Sentence below scrolls across video page as it is read to finish video)

For more information, or to purchase your Honeywell EnovatePRO Weatherstripping Doorsets, contact your local WeatherizationPRO Dealer / Contractor or call our national WeatherizationPRO headquarters in Denver, Colorado at 303-978-1500. You may also return to the home pages of our WeatherizationPRO.com website and contact us electronically.