

# Storm Window Infographic

## 1 What is a storm window?

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A storm window is a secondary window you can have installed on the inside or outside of your existing window.

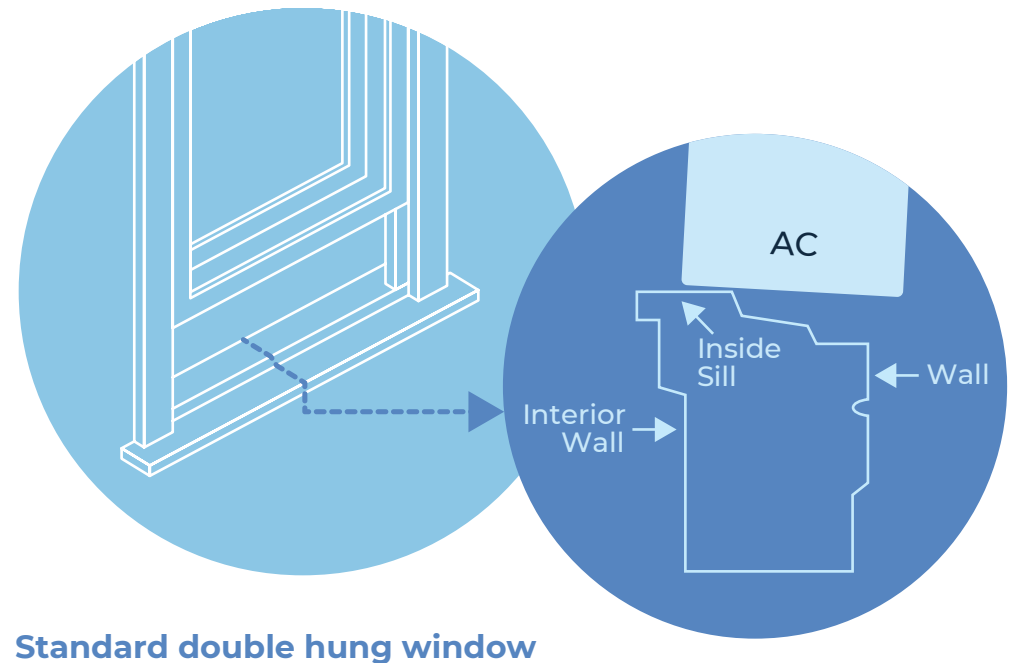
It provides extra insulation and soundproofing.



## 2 Sounds like a good thing. So what's the problem (with AC installation specifically)?

A standard double hung window has no obstruction on the exterior sill, which allows the AC to hang down with the proper pitch/downward tilt.

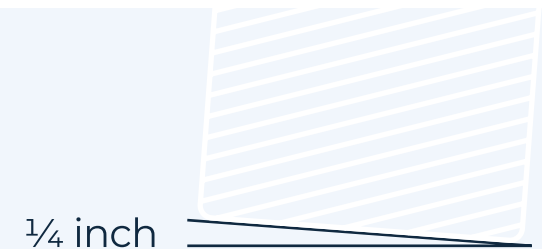
A normal window and AC install should look like:



Standard double hung window

## i What is pitch?

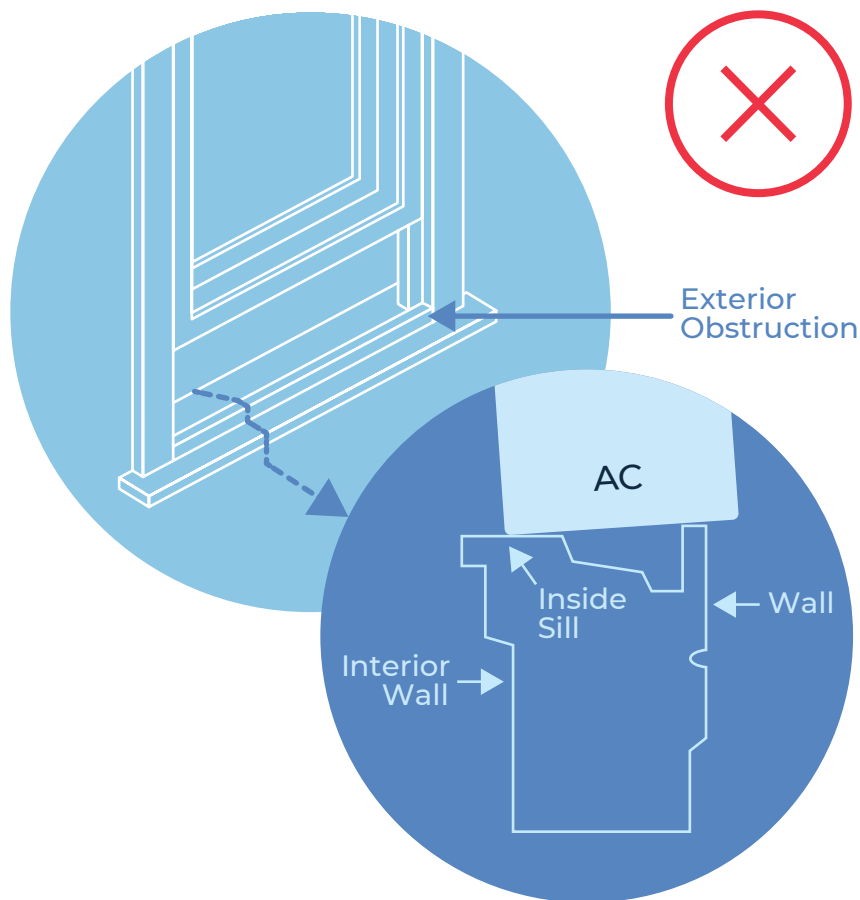
It refers to the angle of the installed AC. It should be tilted downward toward the outside (about  $\frac{1}{4}$  inch) for proper drainage. Otherwise, it could leak in your home!



## 2 Continued from previous page

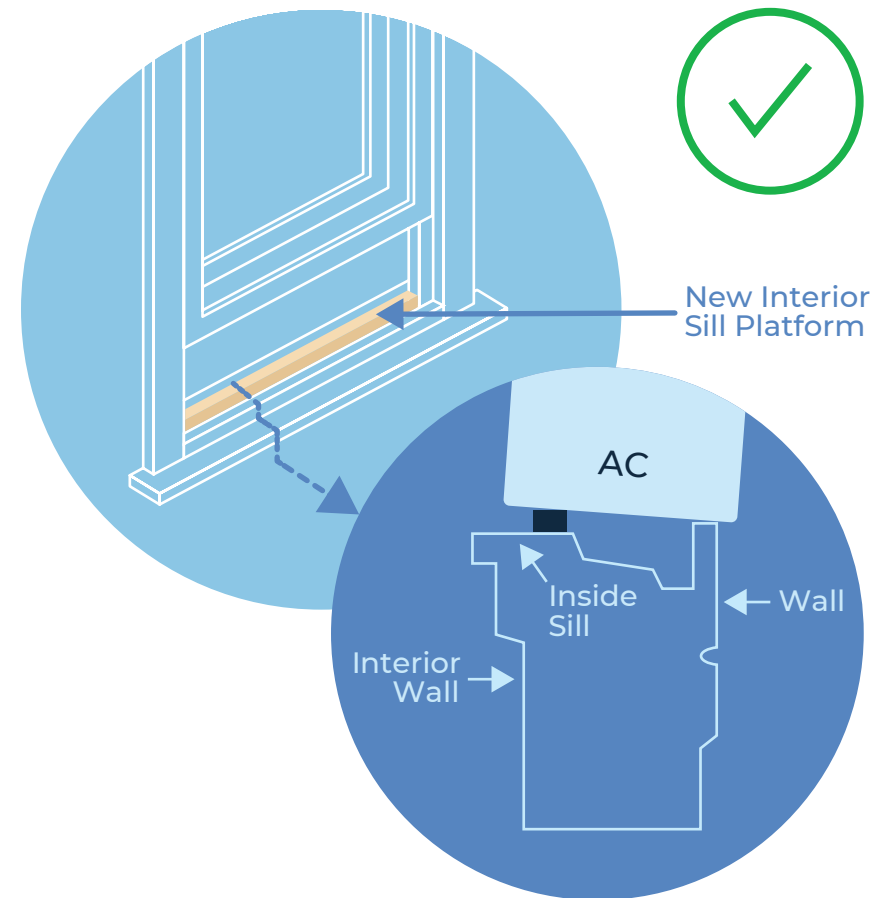
But a storm window usually has an obstruction in the exterior sill that prevents the AC from sitting back with the proper pitch.

In fact, this obstruction causes the AC to tilt toward the INSIDE of the room (which will cause a leak and probably water damage!)



## 3 I understand the problem. How do I fix it?

By building a simple platform on the interior sill that's higher than the obstruction (about ½ inch higher), you can successfully install your AC:



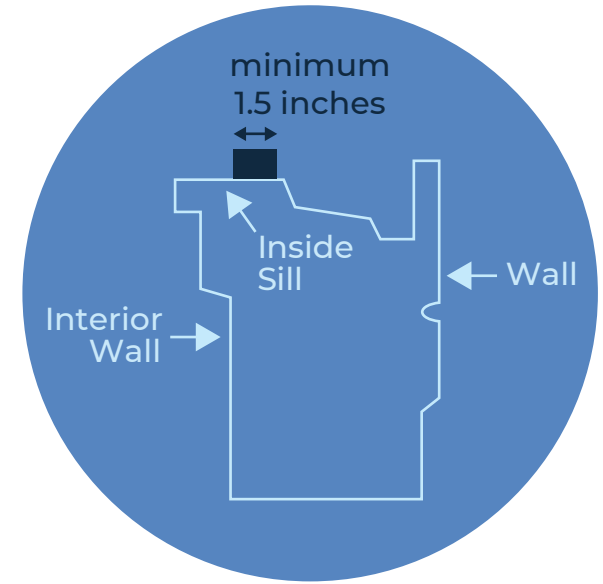
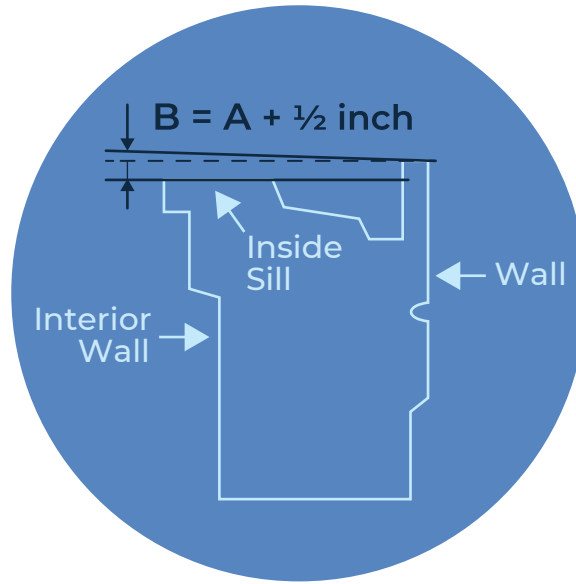
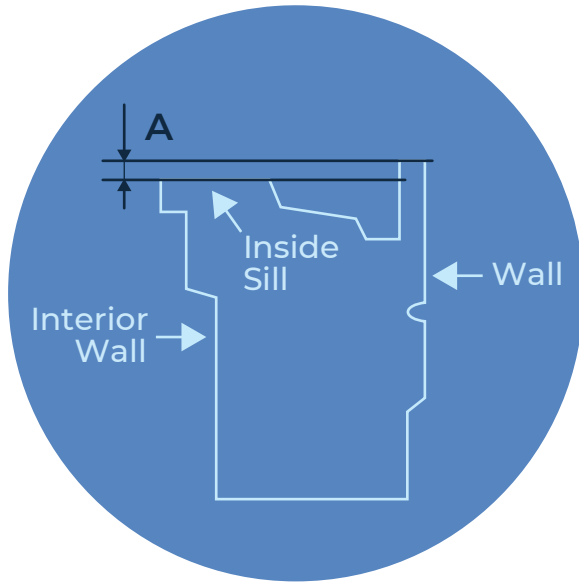
4

#### How do I know what size (height and width) the platform needs to be?

**A:** Measure the distance from the top of the inside sill to the top of the obstruction.

**B:** Now add at least ½ inch to A. This is how high the new platform needs to be (the height of the green line) for proper clearance from the obstruction.

**C:** The platform should be at least 1.5 inches wide, so it is secure on your sill and can support the AC weight.

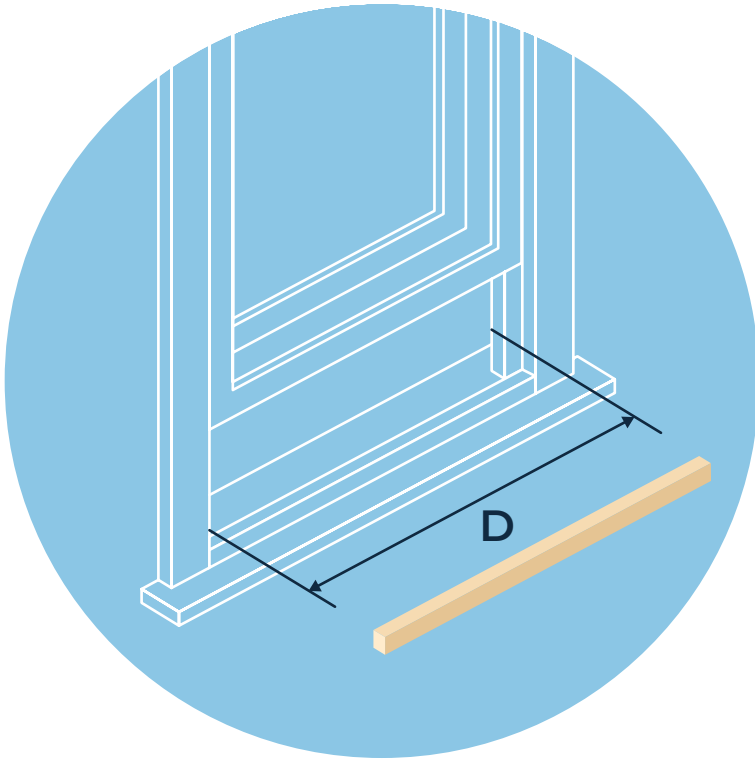


This is your new platform! Now we have to secure it to your sill



**5 Buy/make your new platform and secure it to your sill**

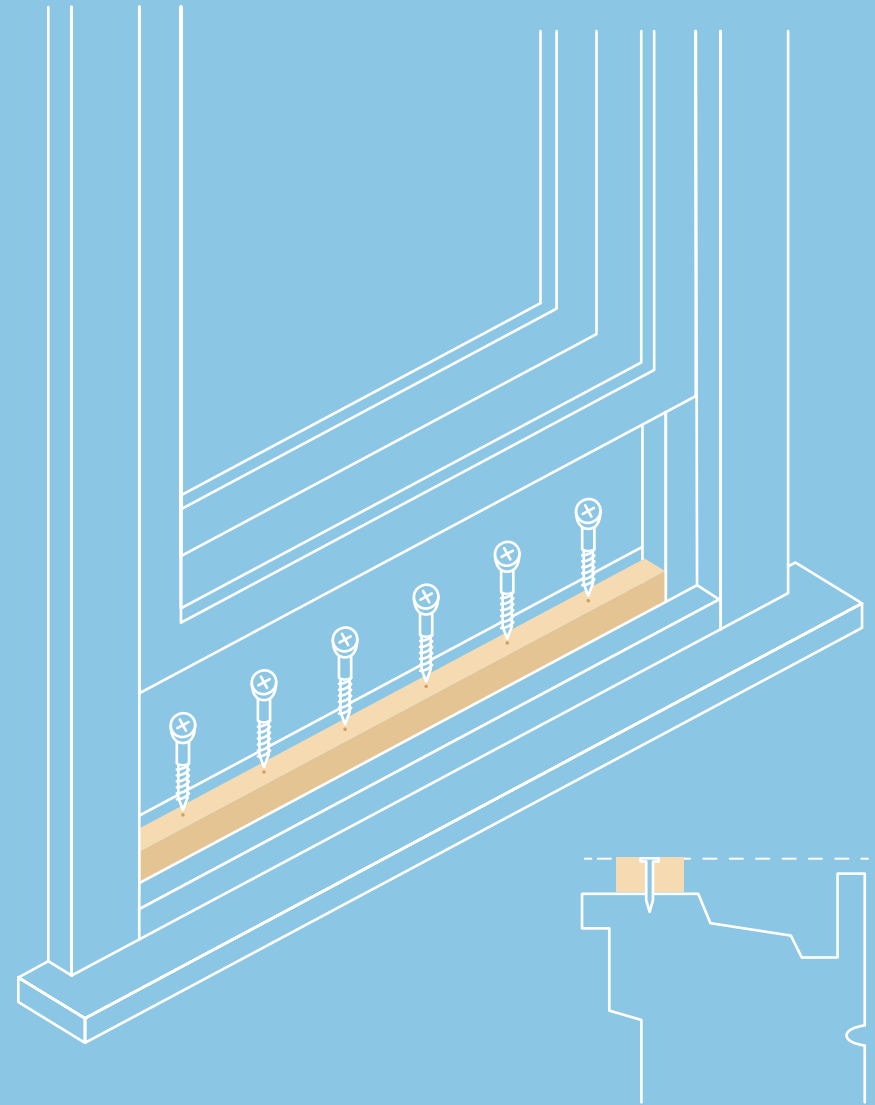
**D :** Make sure the platform is long enough to cover your inside sill



**i** A piece of wood or similar material will work for the platform. You can go to any local hardware store and find the right size wood.

This is your new platform!  
Now we have to buy/make it and secure it to your sill.

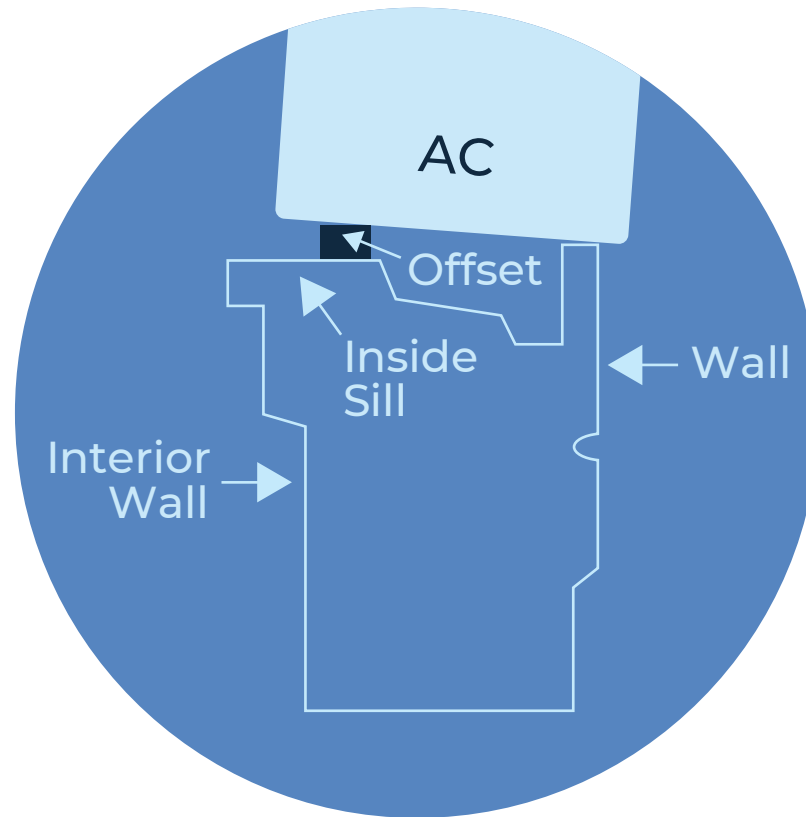
**E :** Now use a drill and screw the new platform to your inside sill.



Make sure the screws are long enough (depends on your B measurement).

## 6 Install and secure your AC

Install the AC according to the instructions, using your new platform as the inside sill.



### i Want a little extra help with your storm window installation?

Windmill partners with TaskRabbit to provide expert installation support when you need a helping hand.

[windmillair.com/task-rabbit](https://windmillair.com/task-rabbit)