

# Conowingo Models



## SMOKEHOUSE

HO AND O SCALE



[www.conowingomodels.com](http://www.conowingomodels.com)  
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Thank you for purchasing this kit!

This smokehouse is fictional, but based on a conglomeration of real smokehouses. It could probably be repurposed into a sugar house with a little bit of modification.

There are four possible variations that we have presented you with. The variations are in the roof vent. Pictured is the roof vent that mimics the roof angle, but there is also a more shallow-roofed vent. Additionally, the top vent can be mere slits or filled with slots. You may choose to build both roofs and see which you like best to complete the building.

To properly construct this building, it is important to understand that there are fresh air supply vents on the lower part of the left side. It of course, feeds the fire. Smoke is vented out the top vents.

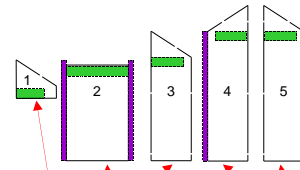
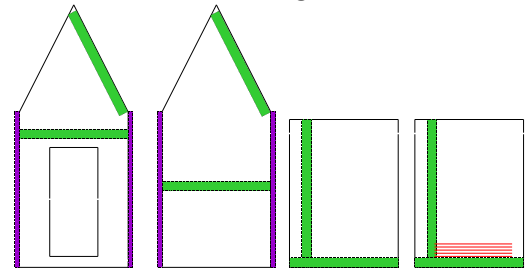
### 1. Bracing-

Start by gluing the interior bracing and corner pieces to the walls. On the HO scale kit, the 1/16 stripwood is shown in purple. 1/8 bracing pieces are shown in green. On the O scale kit, they're all 1/8.

Be sure to trim the corner bracing even with the roof angles.

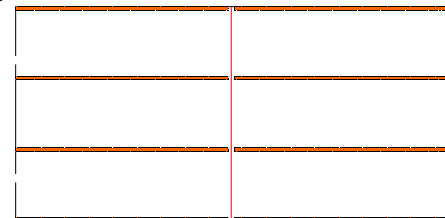
Also, take note to carefully follow how the shed is trimmed out. If you are looking to add firewood to

the shed, you can move the bracing further down, and/or add additional bracing.



woodshed doorway

2. Paint one piece of 1/32 x 3/32 stripwood black.
3. Cut out the roofing and add the 1/32 x 1/32 stripwood (Orange) as shown. You may choose to add the middle pieces on the main roof when you fit the vent to ensure proper fit of the vent. The red lines are where the roofing has been scored to allow for bending. Add the stripwood to the edge of the scoring.

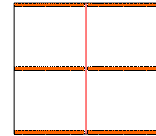


main

woodshed

doorway

vent

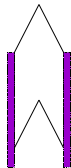


4. (O-Scale Only) – Cut the piece of black stripwood to fit vertically over the lower vents. You are looking to stabilize the outboard walls so they don't warp or break off. Glue them in place **ON THE INSIDE**. Do not use it all and save the rest for step 7, Method B, if you are choosing to go that route.
5. Assemble the main building using the two ends and wall sections. If you're looking at the front door, the vent goes on your left. Ensure the building is square.
6. Paint the roofing. We used silver, but depending on the era, there are color choices. Don't forget the edges and underside. If you're looking to weather it, you could do it now or wait until the roof is glued on. We prefer the latter.

7. Build the vent-

Either use the steep or more gently sloped vent roof pieces.

Add corner stripwood to the outer two pieces. 1/16 for HO, 1/8 for O. Once dry, cut the corner pieces to be even with the slope of the roof on both ends. (O-scale only) - Take the piece of black stripwood and cover the vents vertically **ON THE INSIDE** of the two vent pieces. This is to prevent the vents from warping. You don't have to cover the entire vent, just two pieces or show should do it. Especially if you're looking to add a smoke generator.

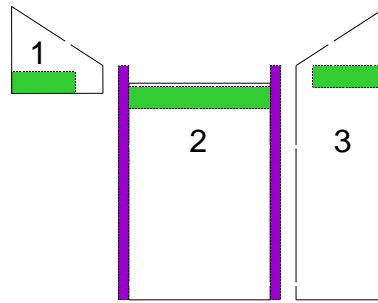


7. Fit the walls for the doorway. Use the doorway roof to decide where to place the walls and how wide it should be. We recommend using a pencil to lightly outline where the walls will go on the smokehouse. From there, cut the batten from the smokehouse so that the walls and roof will attach flatly to it. Glue together using CA and attach to the building in the desired location

8. Cut a piece of 1/16 (for HO), 1/8 (for O) to brace the top of the walls where it will intersect with the roof. Ensure they are square.

9. Prepare the door. You can either use the door the way it was provided or add some stripwood to add depth. Use the laser engraved lines as guides.

10. Assemble the woodshed – We recommend using a fast-drying CA for this step. Glue the right side of part 2 to the mid-length side of part 3. Ensure the board and batten side of part 3 is on the right and facing you on part 2. Be sure to get a good 90° angle. Do the same using part 1. Parts 1 and 3 shown sideways for clarity. Trim the corner pieces and add the roof. If you want to add firewood, we recommend finding small twigs to cut down. We've read that if you do this, you should bake them for 30 minutes in a 250°F oven. (Probably when the Mrs. Isn't around...) This will kill off any critters that may be lurking in the wood.



11. Plan out where you will attach the shed. We recommend using a pencil to lightly outline where it will go on the smokehouse. From there, cut the batten from the smokehouse so that the shed will attach flatly to it.

12. Glue down the main roof.

13. Fit and glue a piece of 1/32 x 1/32 stripwood into the top of the main roof ridge.

14. Build up the roof vent-

Glue the laser cut vent pieces in between the end pieces.

15. When the roof vent is dry, glue it into the desired position on the roof. You may need to trim away some of the seams on the roof in order for it to sit flatly.

16. Weather as you see appropriate. We used a combination of Hunterline stains for the building itself.

17. Please share your photos on our Facebook page!  
<https://www.facebook.com/ConowingoModels>

Once again, thank you for your purchase!

If there are any parts missing, please e-mail me what you need to complete the kit and I'll send it your way. I'm a one-man shop and I do occasionally miss things. Also suggestions for improvement are welcome.

Please send photos!

See the Conowingo Models website

[www.conowingomodels.com](http://www.conowingomodels.com)

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Many thanks to Jeff Grove, Steve Milley and Mark Schreier for their support!