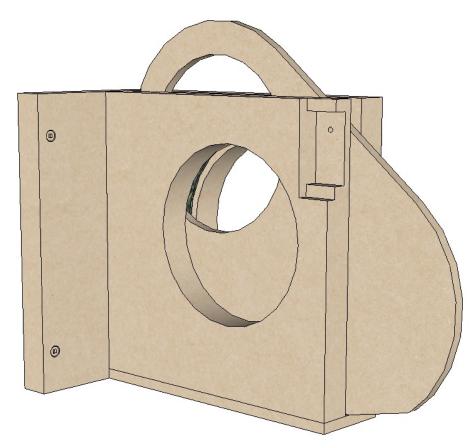
Blast Gates

Complete Build Plans





Scott Walsh

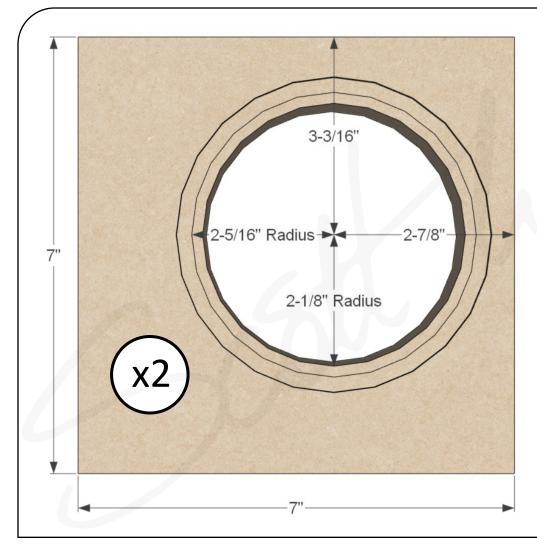
Supplies

Item

¾" Baltic Birch Plywood
¼" Baltic Birch
1-½" #8 Screws
1" #8 Screws
Stiffened Craft Felt



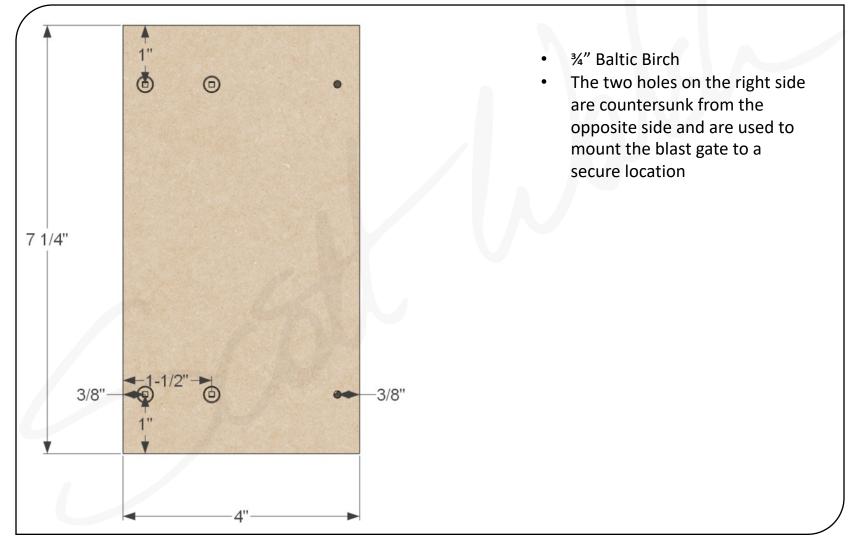
Dimensioning _{Sides}



- ¾" Baltic Birch
- Use a ¼" router bit and a circle jig to cut a 1/16" deep, 2-5/16" inside radius recess for the felt gasket *before* cutting pipe circle.
- Make inside radius of pipe circle fit snugly to the dust collection pipe you're using.

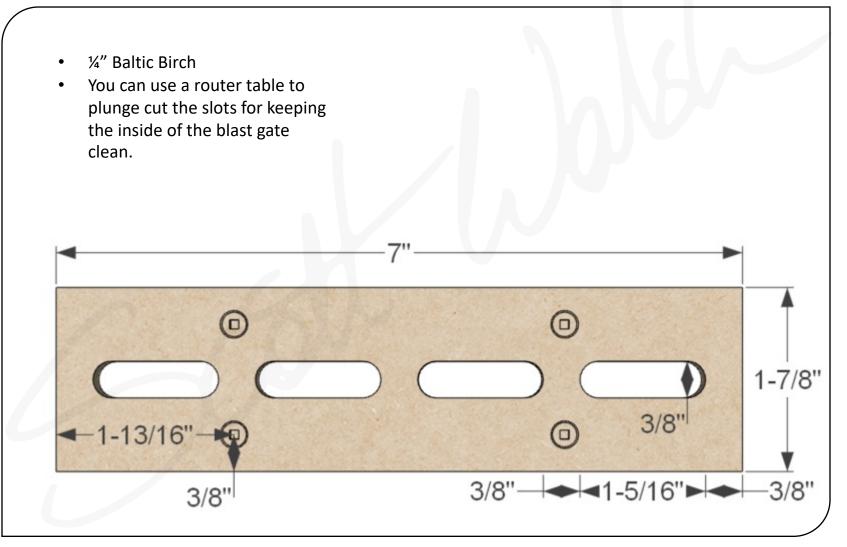


Dimensioning Wall Bracket



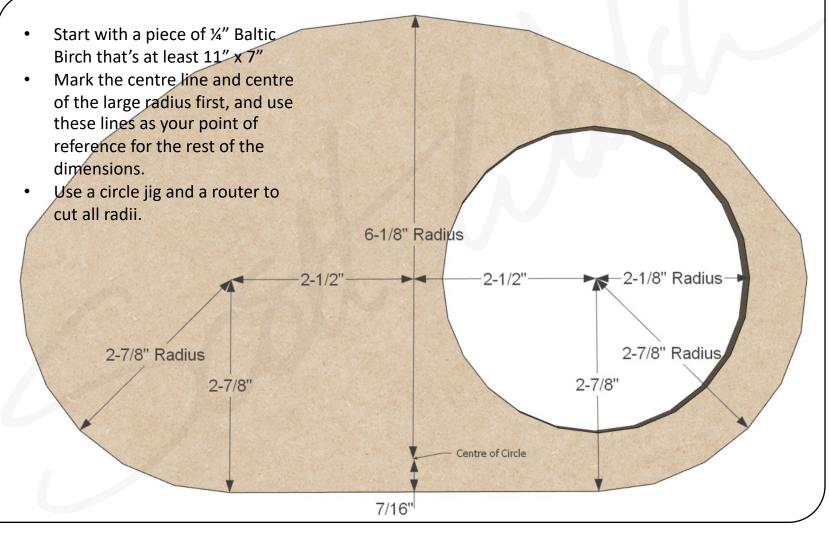


Dimensioning Vent Bracket



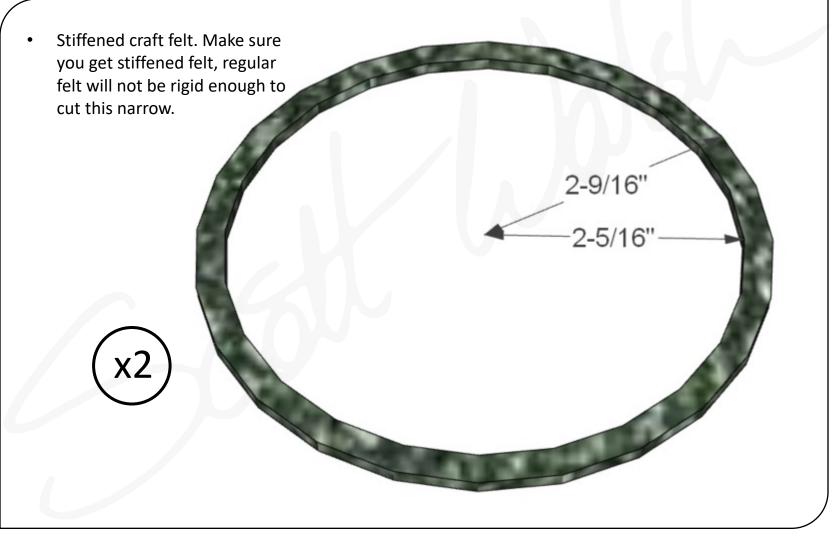


Dimensioning _{Gate}





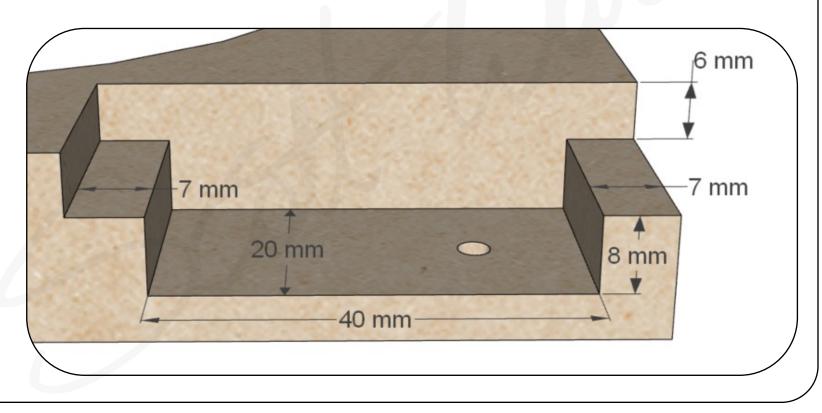
Dimensioning Felt Gasket





Shaping Servo Motor Mount

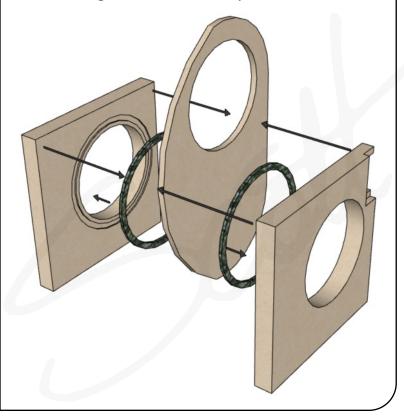
- If you are using a servo motor, like the Tower Pro MG996R, you will have to recess its mounting location as follows:
- This can be done using a ¼" straight bit on a router table, and cleaning up the rounded corners with a chisel.





Assembly _{Gaskets}

- Glue felt gaskets to each side with CA glue.
- If not using a servo motor, you can use a finish nail to mount the gate after assembly.



Brackets

