

For the wood, i used solid poplar that measured exactly 2"x6", i got it from a hardwood place that sold by the board-foot, so it was cheaper than pine lumber and a hardwood facing. if you do use pine w/ a facing, you will also need to mount a 1x2 in top of the 2x6 to give you a smooth edge for the seal and enough height to mount the hinge (or was it to hold a carboy, i forget) .



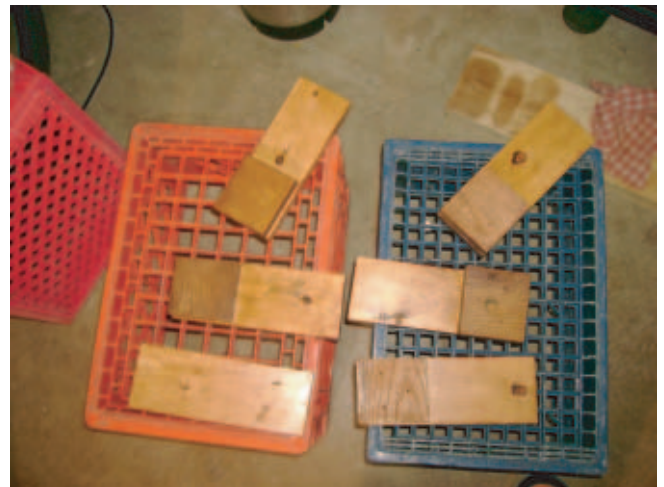
Here's the drilled and fitted top. joints are glued and attached w/ 3" counter-sunk screws (you can see the wood filler in the holes and between the joints)



We reinforced the inner corners with brass brackets, and you can see the wood filler that i used to make the seating surfaces perfectly smooth.



I used a walnut stain (oil based) and covered with 2 coats of oil-based polyurethane. i only planned on one, but i had runs in it, so ended up sanding the drip marks down and laying on another coat.



These are the braces you'll need to hold it in place. i bought a pine 1x4 and split that into the long parts and used some scrap walnut board i had for the spacers. The braces ended up being too long and needed to be cut down again, but i found that out after the first fit-check, should've measured earlier. The problem is that if they are too long, you can't fit 4 kegs in as they butt up against the braces. make sure they are just long enough to give you an inch or so clearance OVER the top of a keg. if you plan to lager in it, also make sure you have space over the shoulder of the carboy that sits on the compressor ledge.



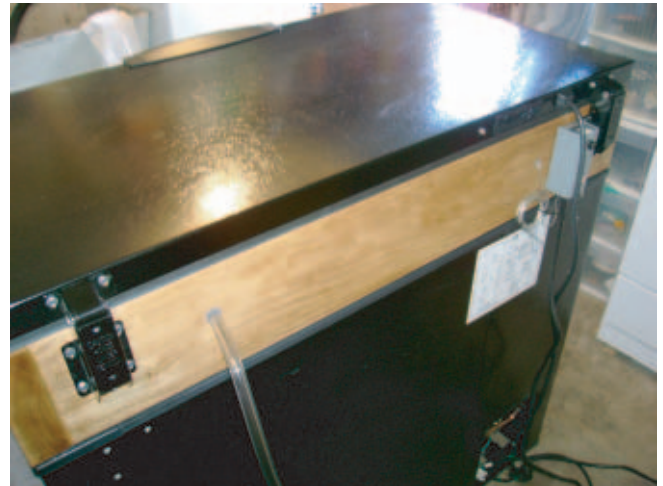
Here's what it looks like w/ the braces installed. i applied some rubber window stripping, I think it was 3/16" thick and 1/4" wide. I also laid a thick bead of clear silicone II sealant between the foam just before final install after all the fit-checks. I used some foam stripping on the braces to make sure I got a snug fit. Mount them, but don't tighten them down till you have the collar in final position.



Now it's all fit in and you can see the brass gas manifold (from morebeer) installed. you'll notice i bought a 4-way, but have 5 tap holes, d'oh! Luckily the manifold is expandable.



Lid installed. Make sure you have the freezer levelled, or it will piss you off- 'why won't this @#!\$! lid fit right?!'



Back view. I chose to keep my CO2 outside to maximize my internal space, since i run up to 4 5gal + 1 3gal kegs and also lager in it. the holes were drilled before the finishing. The temp control is also mounted on the back, and another hole just barely bigger than probe was drilled. They are then sealed with silicone. If you look closely, you can see the splice job I did to extend the cord for the internal lid light. Of course it only works if the kegerator is running.





internal setup with all facets and hoses installed. I initially mounted the temp control probe to the freezer wall, but that resulted in erroneous readings, i then moved it to mount on the wood brace.



Everything installed and ready to use.



Inside in use. 4 kegs and a lager, it holds 1 more 5 gal keg if I move the 3-gal up to the compressor ledge next to the carboy.



Had my dad turn some hardwood tap handles for my xmas present. here it is in all it's glory, with the beer I am going to drink while I finish typing this.

If you want to be able to use the internal light (only when it's actively cooling, and running of course), you'll need to modify the cable. It's super easy and all you need is some coated wire, electricians tape and wire strippers. Simply unplug the jack from the base of the unit (near the compressor) and cut thru a couple inches from the jack, strip the wires back an inch or so on both sides of the cut (i believe there are 4 or 5 inside the rubber tube, and all are color-coded), and add 8" pieces of wire between the stripped ends (i used an extra lamp cord i had for the splices), twist and cover with electrical tape. My soldering iron was broke, and figured no-one would ever see the work, so i did it this way.