



2009 NATIONAL WEATHERIZATION TRAINING CONFERENCE

JULY 20-23, 2009 | **INDIANAPOLIS, INDIANA**



Make Your Own Drill Shroud

By: Joe Hall

Simply Efficient, LLC
7717 W. 6th Ave., Suite F
Lakewood, CO 80214



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Drill Shroud



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Materials Needed





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Tools

- Cordless drill & bits
- Utility Knife
- Hack Saw
- Snips
- Files
- Sharpie
- Sand Paper

Materials

- 3" thin wall PVC pipe
- 4" hose clamps
- Master Plumber Plunger
- Epoxy
- 90° PVC Elbow or straight hose barb.



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Cutting pieces to size



- Cut 3" PVC to 4 1/2 "
- Notch one end 3/4" as show
- Cut Hose barb in half



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Form end of Hose Barb

- File the end of the connector so it fits the arc of the 3" pipe.



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Mark the hole to be cut

- 2" in and on the bottom
- Mark with a sharpie the hole to be cut.
- And cut the hole



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Glue hose barb to Body

- Using Epoxy glue the hose barb to the body of the shroud
- File and sand a clean edge.



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Cut the plunger to size



- Cut the plunger to the length you need
- Best is one shroud per plunger, but you can make two.
- Cut some holes in the rings to create a more air flow.



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Fit Plunger to shroud body

- Make a few cuts on the bowl end
- Attach with duct tape.





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Attach the shroud to Drill

- Attach the shroud to a HEPA Vac. Only
- Transport the drill and shroud in it's own tool box
- Clean the shroud before you leave the work area.



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Make the second shroud

- If you wish, you may have enough plunger left to make another shroud.
- Repeat all steps and fit the second plunger end as best you can.



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Questions

- Joe Hall
- Simply Efficient, LLC
- 7717 W. 6th Ave., Suite F
- Lakewood, CO 80214
- joe@simplyeff.com
- www.simplyeff.com
- 720 536-8935



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