The Dust-Free Knock-Down Finishing Enclosure
By: Down To Earth Woodworks

Legs Cut List:
20 Leg Pieces – 2 X 4 Stock cut to ~31 inches long (or slightly longer), mill one edge straight and one face flat
Glue pieces face to face, then mill to 2-1/2” X 2-1/2” X 30” long

Panels Cut List:
16 Panel Top & Bottom Pieces – 1 X 2 Stock cut to exactly 30” long
24 Panel Vertical Members – 1 X 2 Stock cut to exactly 28-5/8” long
8 Hinge Panel Top & Bottom Pieces – 1 x 2 Stock cut to exactly 29-1/4” long
8 Hinge Panel Vertical Members – 1 X 2 Stock cut to exactly 28-5/8” long
4 Hinge Panel Horizontal Braces – 1 X 2 Stock cut to exactly 27-7/8” (check fit as described in the video)
4 Hinge Post Side Pieces – 1 X 2 Stock cut to exactly 30” long
4 Hinge Post Mortise Pieces – 2 Pieces of 1 X 2 Stock 30” long and ripped in half to make 4 pieces
16 Mortise Pieces – 8 Pieces of 1 X 2 Stock cut to exactly 30” long and ripped in half to make 16 pieces
Corner Gussets – Rip scrap 1/2” plywood to 4” wide, then cut at 45-degrees to make triangles
Miscellaneous 1 X 2 Stock cut to length to make filter enclosures, etc.

Bottom & Top Cut List:
1 Piece 3/4” Plywood cut to 35” X 35”
1 Piece 3/4” Plywood cut to 35” X 32-1/2”
1 Piece 1/2” Plywood cut to 35” X 35”
1 Piece 1/2” Plywood cut to 35” X 32-1/2”

Final Sizes, Sub-Assemblies:
10 Legs, 30” long, 2-1/2” X 2-1/2” Square
8 Panel Frames, 30” Wide X 30” High
4 Hinge Panel Frames, 29-1/4” Wide X 30” High

Other Purchased Supplies:
4 – 1-1/16” X 30” Continuous Hinge (sometimes called “piano hinge”)
2 – 1-1/2” X 30” Continuous Hinge
8 – 3/16” X 1-1/2” Lynch Pins
1 – Roll 10’ X 25’ 6 Mil plastic
2 – 14” X 25” X 1” Furnace Filters
1 – Package 5/16” X 1-1/2” dowels