

# QUICK START

## 1. Determine Location

Find a location in a center hallway or similar area and mark the center of the ceiling with a pencil. Drill a hole through the ceiling and push a marker through so it can be located in the attic.

## 2. Prepare Shutter Opening

Find the joist closest to the hole and mark out an area equal to the size of the inner edges of the shutter with the joist in the center. Remove all insulation from the area before cutting. (Figure 1)

## 3. Cut the Shutter Opening

Use a circular saw or saber saw to cut along the marked area of the ceiling then carefully remove the drywall from the opening. (Figure 2)

## 4. Frame and Facing

Use lumber of the same dimensions as your joists and fasten them to the edges of the frame opening using #12D nails to create a complete square frame then replace the insulation around the frame. (Figure 3) Then use 2 X 6 boards to create a square rest with the inside dimensions being the same as the opening. (Figure 4)

## 5. Installing the Fan

Assemble the fan properly, as pieces were moved to protect them during shipping, and take it up to the attic. Place the fan on top of the facing and nail it in. (Figure 5)

## 6. Installing the Shutter

Draw alignment marks 7/8" away from the edges then install the shutter with the white-headed wood screws provided with the fan. (Figure 6)

## 7. Wiring Instructions

After disconnecting the power supply and installing the provided switches in a wiring box on a nearby wall, attach the wires as shown. (Figure 7)

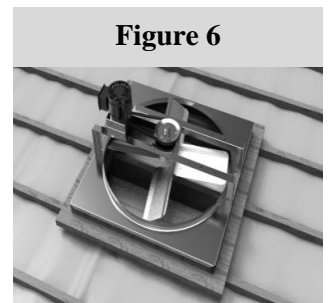
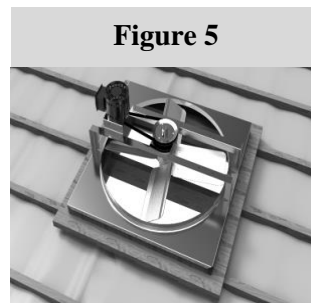
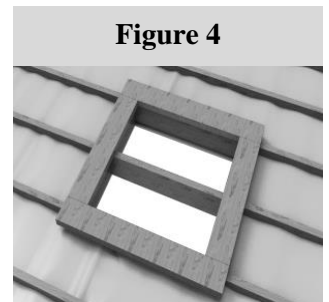
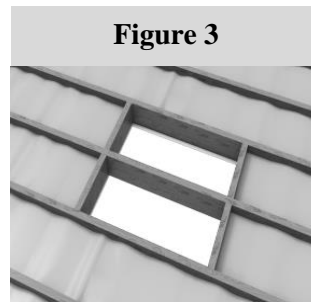
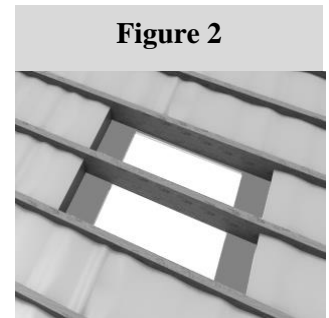
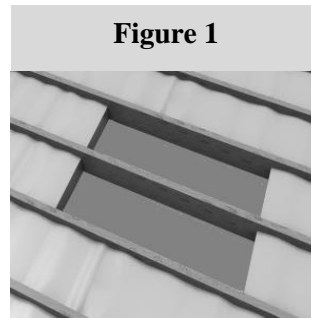
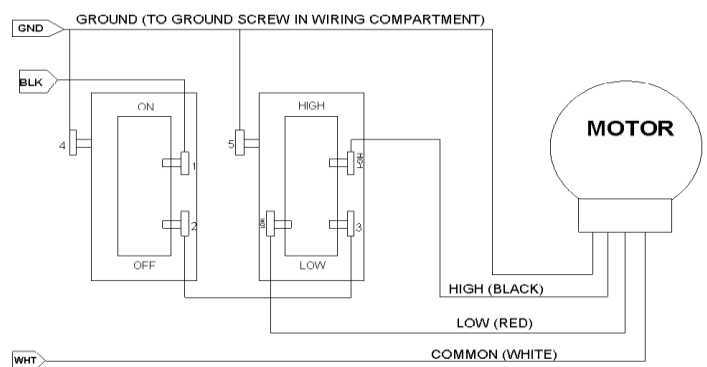


Figure 7



### Tools and Materials Needed

- Drill
- Pencil or marker
- #12D nails
- Philips head screwdriver
- Speed square
- 1/4" and 1/8" drill bits
- Circular saw
- Adjustable wrench
- Safety goggles
- Straight edge ruler
- 1 1/2" ring shank drywall nails
- Flat head screwdriver
- Saber saw