



## INFORMATION SHEET:

## ENERGY + HEALTH PROGRAM

### BATHROOM EXHAUST FAN TROUBLESHOOTING

#### KEY AREAS:

The color scheme below will be used to identify the key area being covered (Fan, Duct and Exterior).

✓ FAN

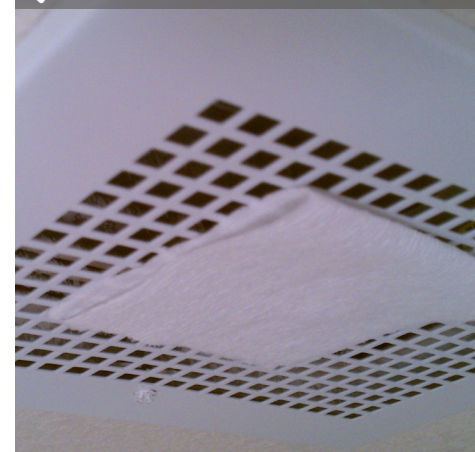
✓ DUCT

✓ EXTERIOR

Each bathroom must have an exhaust fan that exhausts a minimum of 50 Cubic Feet per Minute (CFM) directly to the outside. This is the measured flow as installed, not the rated flow. There are three important areas to watch during the construction process. If all of the key factors on the next two pages are working properly, the bathroom fan should operate the way it was intended. If the proper testing equipment is not available to verify the air flow, follow the simplified version on the right side of this page.

If the fan can hold two stacked 2-ply squares of toilet paper at the fan grille, the fan is pulling approximately 50 CFM.

✓ RATING



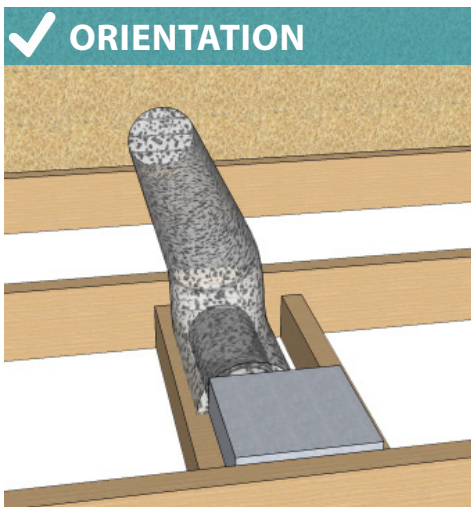
1. Orient the fan outlet so the duct will have the shortest and straightest route to the outside of the building.

2. Bath fans have back-draft damper to keep outside air from entering the bathroom. Remove shipping tape from the damper and ensure it swings freely.

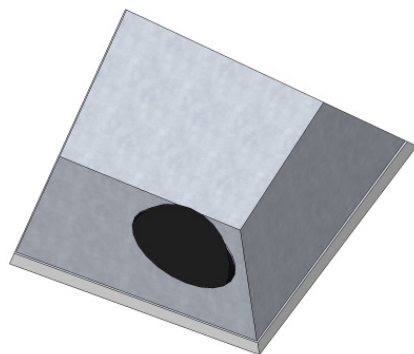
3. Caulk all of the holes between the drywall and the fan housing unit as well as all holes in the housing unit.

4. As a rule of thumb, to ensure that your bath fan will pull a minimum of 50 CFM once it is installed, install a fan rated for 70 CFM.

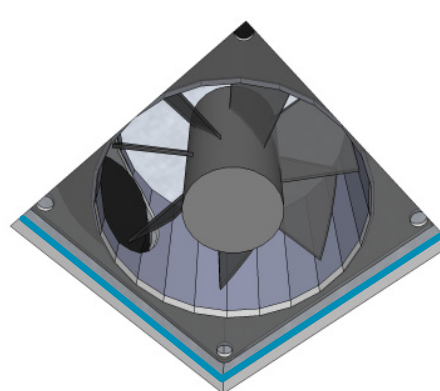
✓ ORIENTATION



✓ DAMPER



✓ SEALING



✓ RATING

