

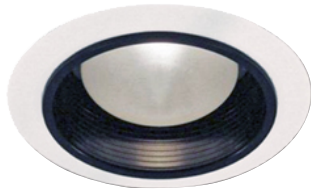
Smart Words for Smart Homeowners

THE EXPERIENCE OF EXPERTS AND THEIR ADVICE ON RELEVANT HOMEOWNER TOPICS

SMART Sealing Air Movement Through Recessed Overhead Lights

What's Wrong With My Recessed Overhead Lighting?

Most recessed overhead lights, as pictured here, provide a pathway for air movement into ceiling voids or attics above.



They allow attic temperatures and dust into the room below. They affect air quality, your comfort and your heating and cooling bills. They are *Insulation Barrier Inefficient*.

Recessed lights are a major source of undetected air leakage. Indoor ceiling lights are notorious for being extremely air leaky.

Simply stated they are a hole in your ceiling that terminates in you attic or into an open space. This hole is filled with a "tin can" light housing that has holes in it. This partially filled hollow squanders your comfort 24 hours a day, 365 days a year. This hole allows room cooling or heating to escape or attic air to enter the room.



These recessed overhead lights exchange unconditioned air into or out of where you want it. It's like having a few square feet of uninsulated area in your ceiling.

We Have The Fixes.

✓ Step 1: Cap It From Inside The Attic

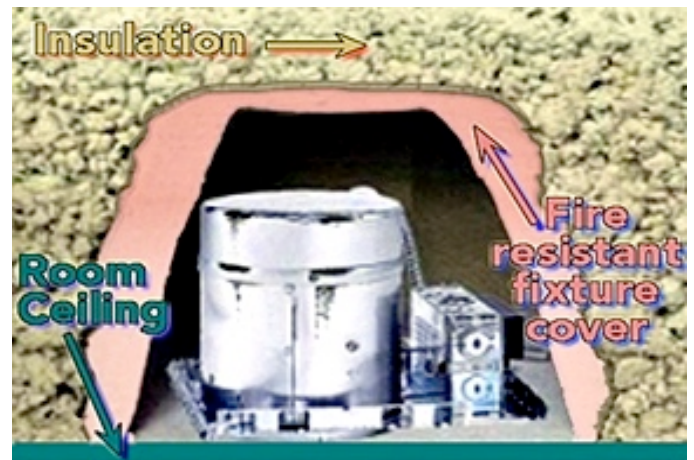
There is a fire resistant, recessed light cover that can be installed from inside the attic. In simple

terms we put a rigid, fire resistant Hat or barrier over the protruding metal lighting fixture. This step will isolate the fixture. This reduces air infiltration and also prevents insects from entering through the fixture.



✓ Step 2: Seal The Cap To Ceiling Seams

To ensure the barrier seal in complete we take the next step. We foam the mating seams at the mating seams of the attic ceiling and the fixture cover with a special expanding fire-block foam.



✓ Step 3: Cover The Light Cover

To finish the process we cover the hat with the attic insulation. Now we have multiple barriers that will:

- ✓ Reduce air infiltration
- ✓ Keep attic dust out of the room
- ✓ Make the room more comfortable
- ✓ Reduces energy use
- ✓ Save dollars in all seasons
- ✓ Support fire resistant

