



Case Study

Nathan and Jennifer -
Westminster, Colorado



Problem

We were contacted because the homeowner was experiencing issues with maintaining a comfortable temperature in their home (built in 1974). We showed up for the consultation and unfortunately found many air ducts going nowhere. Our Technical Director Roswell explored this further and discovered the house did not have return air paths connected at all. We don't even know how the furnace was pulling air into the system to be heated or cooled! A good and efficient HVAC system must have balance, pulling in air and pushing out air.

Our recommendation was to create new air returns. So, we cut areas to create the return pathways and eliminated the "chicken wire" that was reducing air flow. We also added ducts to pull from the pathways that were installed by the builders but never used. After completing our work, the benefits were felt immediately. The system was balanced and thus the air flow restored throughout the entire home. Within 24 hours we had a positive review from this customer stating that their wife no longer needed extra blankets in the winter, our improvement increased the air flow in the house enough to make it comfortable.

Solution



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