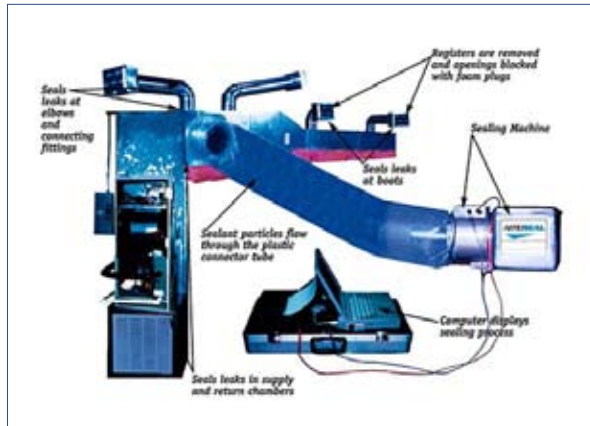


Sealing Leaky Air Ducts

A typical house with ducts located in the attic or crawlspace wastes approximately 20 to 40 percent of heating and cooling energy through duct leaks, and uses about 0.5 kilowatts more electricity during peak cooling periods. Reducing this duct leakage could save close to one quad (10 Btu) of energy per year. With support from State R&D organizations, Environmental Protection Agency, and U.S. Department of Energy, LBNL developed and helped commercialize a major new duct sealant technology that uses aerosols to reach and seal inaccessible duct runs. Related research has demonstrated that duct tape is useful for many reasons, but not for sealing leaky ducts!



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