Forced-air ductwork system contains an inherent problem; the increased pressure in the duct increases the relative humidity (RH) of the conditioned air. Also, they tend to be noisy and localize the point of conditioned air. A recent alternative of using sealed crawl spaces as plenum eliminates the issues of noise and localization, but not completely insure against reduction in RH, which in turn increases the potential for bacterial problems. In the south building, a suspended ceiling, approximately one foot deep will be incorporated into the living room and master bedroom. This ceiling will consist of a wooden frame and screen inset panels. These panels will be made of Teflon-coated fabrics, initially supplied by the W. L Gore Corporation Architectural Fabrics Division. The porosity of the fabric will be evaluated with the intent of providing a uniform distribution of quiet, low RH conditioned air through out the rooms.