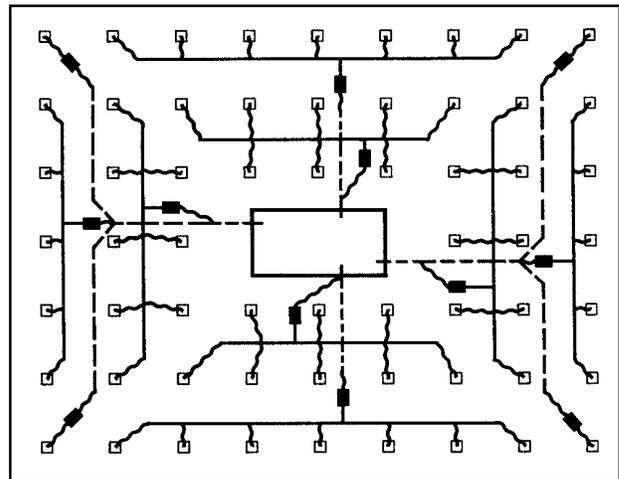


*Illustration #1* shows a conventional VAV system (cooling only and cooling w/warm-up and secondary source heat) with 12 VAV boxes (four interior zones, one per corner and a zone per exposure). The illustration incorporates an independent skin heating system such as baseboard or radiant panels.

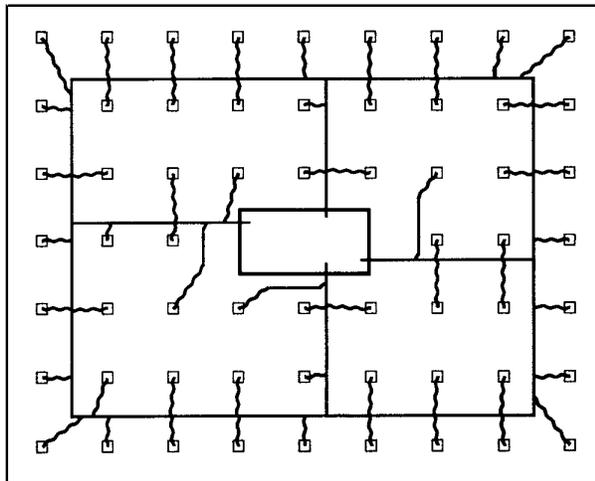
*Illustration #2* depicts the same layout except using Vari-Flow VAV diffusers totaling 60 zones with individual temperature set points.

*Illustration #3* shows a combination of Vari-Flow VAV diffusers and a fan powered box.

Vari-Flow diffusers provide personalized temperature control with set point selection between 70 & 78 degrees F. A Vari-Flow System versus the standard



**Illustration #1**  
**Conventional Zoned Sys.**



**Illustration #2**  
**Vari-Flow System**

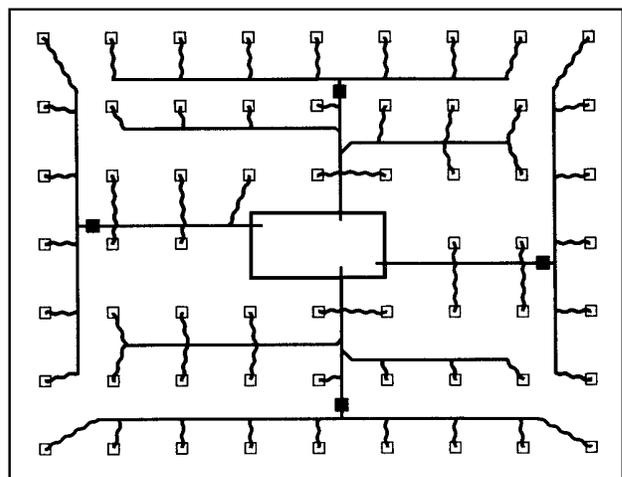
conventional zoned system is economical for the owner while optimizing occupant comfort levels. When a new tenant moves in or the existing tenant desires to change the office space, modifying a conventional system can be costly and troublesome. With a Vari-Flow System, modification to the a distribution and temperature control will be a thing of the past as each diffuser is an adaptable zone of control. The owner saves by not having to make costly modifications and the tenant has personalized temperature control. A Vari-Flow is a **WIN/WIN** situation for the owner and tenant.

Vari-Flow diffusers are self-powered and self-contained. No additional services, products, or maintenance contracts are required. In addition, installation costs are dramatically reduced because there are no electric or pneumatic connections to contend with.

From a designer's standpoint, the VFS Series Vari-Flow diffusers assure precise, constant temperature control over the operating band. The thermally powered sleeve damper isolates system pressure fluctuations that cause temperature set point resetting.

**LEGEND**

-  Standard diffuser or Vari-Flow
-  VAV Box
-  Duct htg. coil or fan pow. box
-  High pressure ductwork
-  Low pressure ductwork
-  Flexible ductwork



**Illustration #3**  
**Vari-Flow w/Fan powered Box, Exposed Zone**