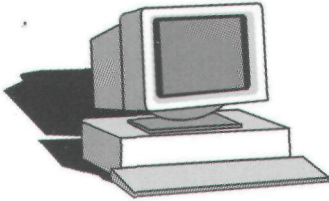




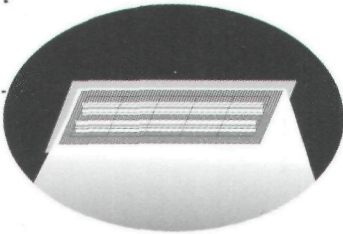
## Do computers add to the heat load?



Every computer adds heat to the order of a few hundred watts. Hence, a dozen computers will need 1 T of air-conditioning just to remove the heat they generate!

However, computers do perform better in airconditioned spaces, and more importantly, computers are operated by humans who may need the airconditioning! Hence, it may not make sense to move your computers out of the airconditioned space.

## Will tubelights and lamps add to the heat within my space?



Yes. Every tubelight adds 50 Watts of heat. 35 tubelights need 0.5 T of airconditioning just to compensate their heat! The bigger culprits are spotlights, used to focus light on displays. Each lamp may contribute as much heat as 2-3 tubelights. Hence, avoid artificial lighting wherever possible.



Natural lighting (but not from direct sunlight!) is best from both the comfort and energy saving points of view.

Even where artificial lighting cannot be avoided, seasonal variation of natural light can be used to best advantage. In summer, for example, maybe half your lights can be switched off. This results in *direct* power saving, *and* reduces the airconditioning load too!