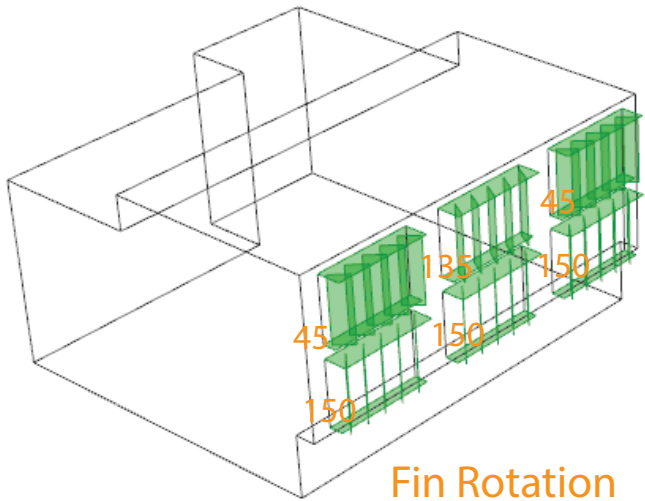
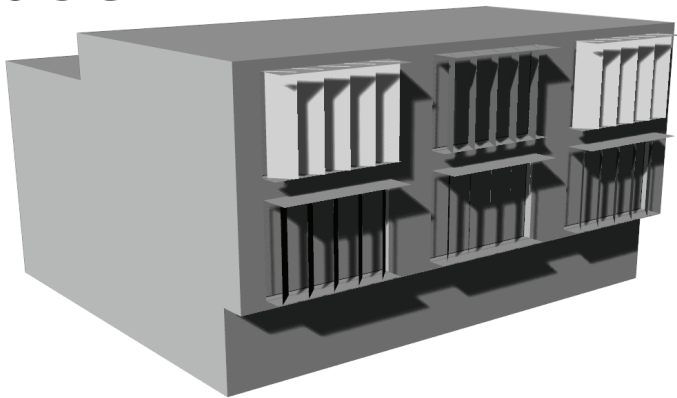


Vertical Fin House



Fin Rotation

The balance of visual comfort/good daylighting and a more comfortable interior environment is the main discussion of this design. The scheme is to use overhang and vertically divided openings to block the high angle sun as much as possible and use fins to deal with the low angle sun and visual comfort. The result is a more evenly distributed natural light.

The design achieves 92.1% comfort time, which is a pretty good result. During the dry season the temperature change is very dramatic and make it hard to keep the house constantly comfortable. The main passive design scheme is ventilation and shading.

