



IMPROVING PERFORMANCE AT THE NEXUS OF THE COMMERCIAL AND SOCIAL SECTORS

ABSTRACT

COOLING LARGE BUILDINGS WITHOUT AIR CONDITIONING (MARCH 2019)

The demand for air-conditioning is increasing due to the increasing number of people living and working in large buildings, as well as rising external temperatures. While air-conditioning makes a positive contribution to living and working conditions, it uses a lot of electricity, which creates both financial and environmental disadvantages. Alternative ways of cooling that are cheaper, energy saving and with lower environmental impact are becoming increasingly popular. Passive Cooling Systems, Hydronic Cooling and Evaporative Coolers, Fans and Powered Ventilation Systems are among alternatives being utilized with increasing popularity for cooling large buildings without air conditioning.

