

REVIEW STUDY ON OF AIR CONDITIONING SYSTEM AND ITS APPLICATION

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ABSTRACT

A/C or AC stands for "air conditioning," which is the act of removing heat and regulating the humidity of air in an enclosed area using powered "air conditioners" or a number of alternative techniques such as passive cooling and ventilation cooling. Air conditioning is one of a family of heating, ventilation, and air conditioning systems and methods (HVAC). In public buildings, room air conditioners are often utilized in a single room. Both heating and cooling are accomplished using RACs. RACs come in a variety of sizes, including 1 ton and 2 ton. We will determine and find out the precise or approximate temperature needed for the chosen room in which we will install AC in this article. This is significant for a number of reasons. Insufficiently sized air conditioning unit- This will not chill the space during the summer or hot weather season. Oversized air conditioning unit - This will impact body comfort by providing more cooling and will also cost more money. So, by utilizing a room calculation, we can figure out how much cooling or heating the room will cost. We will save energy, money, and heat in the environment as a result of this.

KEYWORDS: *Atmosphere, Air Conditioner, Heat, Load, Temperature.*

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