عنوان مقاله:
COOLING TOWER CALCULATIONS

محل انتشار:
نخستین همایش چیلر و برج خنک کن ایران (سال: 1389)

تعداد صفحات اصل مقاله: 8

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خلاصه مقاله:

The method by which heat is removed from an open recirculating cooling water system is evaporation (E) of some of the water over a tower. The amount of temperature reduction that can be accomplished by evaporation at any time is limited to the wet-bulb temperature or simply, the relative humidity. A high relative humidity lowers the evaporation rate; dry conditions encourage a higher evaporation rate. Seasonal humidity conditions are an important consideration in tower sizing, design, and placement.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

https://civilica.com/doc/88944