



Heat Rejection Options in HVAC Systems: Quick Book

By A Bhatia

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.One of the basic requirements of the air conditioning and refrigeration system is to reject heat to the outdoors. The refrigerant chillers come in two different forms: An air-cooled chiller uses the flow of outside air across the condenser to remove or reject heat from the chiller. Air-cooled chillers typically have the condenser mounted on the roof or somewhere outside the facility while the evaporator can either be inside or outside the facility. Water-cooled chillers are typically 100 tons or greater and use water to remove the heat from the condenser. Water-cooled chillers are typically more efficient than air-cooled chillers. The condenser water is kept cool by a cooling tower, or water from the city main or well water is used. A water-cooled chiller will typically have the condenser and evaporator inside a facility while the cooling tower is located outside. In order to properly apply the heat rejection concepts, HVAC designer must be aware of the different heat rejection methods. In this course we will discuss the various heat rejection methods as well the controls that may...



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Reviews

Extensive guide! Its such a excellent read. This can be for anyone who statte that there was not a worth looking at. I am just effortlessly will get a satisfaction of looking at a written publication.

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This book will not be effortless to start on reading through but very exciting to learn. It is amongst the most remarkable book i have got go through. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Dr. Easton Collier DVM**