

عنوان مقاله:

Window Air Conditioner with Orthodox Refrigerants

محل انتشار:

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خلاصه مقاله:

The system design of window air conditioner does not evolve in one day. Due to the continuous efforts are taken by the refrigeration and air conditioning professionals, successful and economic models of window air conditioners are currently used. This paper states about the development of window air conditioner with phase change material and water as refrigerants. Developed air conditioner was tested for its thermal performance achievement. Outcomes specify that thermal comfort achievement was in satisfactory levels. Predicted mean vote and percentage of people dissatisfied values were calculated and the results were in the range of neutral to a slight cooling, according to .Americal Society of Heating and Refrigeration and Air conditioning standard 55

کلمات کلیدی:

Phase change material, Refrigerant, window air conditioner, Thermal Comfort, Chlorofluorocarbons

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