عنوان مقاله:

INFLUENCE OF RADIATIVE SOURCE TO HEAT-MASS TRANSFER INTENSITY OFSPRAYED WATER DROPLETS IN AIR CONDITIONING PROCESSES

محل انتشار:

دومین کنفرانس بین المللی گرمایش، سرمایش، و تهویه مطبوع (سال: 1389)

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خلاصه مقاله:

Thermal state of water droplets and intensity of phase transformations on their surface is modelled in the evaporation chamber of air conditioning system.Additional radiant energy allow forming unsteady temperature field with negative gradient in sprayed water droplets and essentially changes the rate of phase transformations on the droplet surface. .That allows making the assumptions to organize the process of airconditioning in qualitatively new way

کلمات کلیدی:

water droplets, air conditioning process