

**Название публикации:**

Hydrodynamic Regimes of Heat and Mass Transfer Apparatuses with a Moving Packing

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**Аннотация:**

Hydrodynamic regimes of heat and mass transfer apparatuses with a moving packing are considered. Relations defining the critical velocity, the loss of momentum in the working area, and the dynamic thickness of the layer of packing elements are obtained which are necessary for engineering calculations.

**Ключевые слова:**

air conditioning, fluidized bed, heat and mass transfer apparatuses, hydrodynamics, refrigeration system, Air conditioning, Fluidized beds, Hydrodynamics, Refrigeration, Critical velocities, Engineering calculation, Heat and mass transfer, Hydrodynamic regime, Packing element, Refrigeration system, Working areas, Mass transfer