

# ENERGETIC ASPECTS CONCERNING THE MECHANICAL COMPRESSION OF SECONDARY VAPOUR IN WORTH BOILING PROCESS

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**Abstract:** The present study investigates the possibility to recover the heat secondary steam energy in the evaporation installation of beer plants using the mechanical recompression of secondary vapors. The paper presents a complex computerised program for calculating the energetic efficiency of the heat pump installation, in an open cycle, with water vapour based on a original analytical method which determines the thermo-physical parameters of water.

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