

ABSTRACT

Fedorchuk Y. I. Investigation of Energy Efficiency of Dynamic Thermal Insulation Based on Channel Convectors. – The Manuscript.

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In the given work examined efficiency of floor convectors in the room with panoramic windows. The mathematical and computer modeling of temperature conditions in the room with installed convectors. Heat productivity and efficiency of the equipment location in the room were investigated experimentally.

Keywords: floor convectors, convective heat exchange, heating.