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# Feasibility study of heat recovery application in compressor units with oil-flooded screw compressors

© I.V. Avtonomova, K.V. Avilenko

Bauman Moscow State Technical University, Moscow, 105005, Russia

*The article deals with the problem of heat recovery application feasibility in compressor units with oil-flooded screw compressors. It proves that the application of heat recovery can return for reuse up to 66% of compressor unit power. The most appropriate way is to use the compressor unit circuits with parallel water supply to oil and air coolers. Compressor units are designed to use heat exchangers of a lamellar-webbed type as oil and water coolers.*

**Key words:** *oil-flooded screw compressors, heat recovery, power, heat exchangers of a lamellar-webbed type, heat-transfer coefficient, heat exchange factor, loss of coolers pressure.*

**Avtonomova I.V.** (b. 1938) graduated from Bauman Moscow Higher Technical School in 1961. Ph.D., Assoc. Professor of the Vacuum and Compressor Equipment Department of Bauman Moscow State Technical University. Author of 4 monographs, 13 author's certificates and inventions, more than 60 publications in the field of vacuum and compressor technology. e-mail: e5-kafedra@yandex.ru

**Avilenko K.V.**, graduate of the Vacuum and Compressor Equipment Department of Bauman Moscow State Technical University. Working in the field of compressors. e-mail: kirill.avilenko@gmail.com

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