

ИНФОРМАЦИИ О ДОКУМЕНТЕ

Ammonia Refrigeration Cycle Integration in Buildings Heating System

Коллекция: Статті »

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Аннотация (English): This work investigates the possibility of ammonia low potential heat utilisation with use of ProcessIntegration methodology. The two operation modes are considered. The first one is the use of ammoniagas super-heating and partly ammonia condensation. The low condensation temperature of ammonia is limiting the low potential heat usage. The second option is introduction of ammonia additionalcompression to increase the temperature of ammonia condensation. The low potential heat consumers are the hot water supply system, air pre-heating system and air heating for the fans.

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