

HEAT PUMPS ENERGY HEATS RESIDENTIAL BUILDINGS

25 YEARS OF EXPERIENCE

Gapsal 
Movek Grupp



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ISO 9001
BUREAU VERITAS
Certification



ISO 14001
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Movek Grupp is a family undertaking and an Estonian manufacturer of heat pumps with a long-term experience that has been in operation for over twenty years, and which has built heat pump systems for thousands of residential, industrial and public buildings. Heat pumps with a thermal load between 4 to 100kW. Heat pumps are manufactured in accordance with standards ISO9001, ISO14001 and ISO50001. The objective of our activities is a comprehensive approach to the development of energy-saving solutions. The products are constantly being improved and upgraded.

Energy-saving is important both in a residential building as well as an industrial building. Heat pump solutions are one of the ways for achieving the best economy in supplying buildings with heat, hot water and cooling. Heat pump solution is an integral part of a nearly zero-energy building.

Utilization of ventilation heat in apartment buildings

Movek Grupp has specialized in the regeneration of heat, especially in apartment buildings and industrial buildings. We have developed specialized devices and a dedicated automation system, which includes adjustment and measuring functions, for the online control of the return of the residual heat in the ventilation systems to the heating system of the building. The program is available in various languages. In apartment buildings, the return of residual heat from the ventilation can satisfy up to 70% of the energy requirements of the buildings. Recommendations from Estonia, Finland, Sweden and other countries.

Movek Grupp's heat pumps for the heating and cooling of buildings as well as the heating of hot water

The user interface used for controlling the heat pumps is multilingual and supports network connections.

The product range includes solutions with an integrated water heater **Gapsal Compact** 4–13,0kW, heat pumps without a water heater **Gapsal OKS** 4–24,0kW, heat pumps with an inverter compressor **Gapsal Compact Inverter** as well as **Gapsal OKS Inverter** 4–12,0 and 6–24,0kW. For buildings with higher thermal requirements we manufacture heat pumps **Gapsal IKS** 35 and 45 kW with liquefied gas injection compressors, and heat pumps with high capacity inverter compressors **Gapsal IKS T** 40, 60 and 100. The product range also includes montage units **Gapsal Topbox** that facilitate the installation of heat pumps.

Movek Grupp OÜ has developed an especially compact and low-cost heat pump series **Gapsal M2**. Gapsal M2 can be used for both the heating of buildings as well as the heating of hot water, thereby enabling the construction of efficient heat pump systems with a thermal load of 5-30kW in buildings with a heated surface area between 80-600m². The Gapsal M2 heat pump may also be connected in a cascading manner. The user interface enables online control and monitoring functions using the **Gapsal M Link module**.

