



MĀRUPES
DĀRZS



hepsor

RECUPERATION SYSTEM

A recuperation system is a forced ventilation system providing air exchange in the premises. The added value of the system is the maintenance of constant temperature by using the air present in the premises and its temperature. It means that the air is drawn from outside and fed through recuperation equipment where the heating element is heated with the temperature of the indoor air. Namely, energy from current air is given away to cooler air thus one must not heat the room with heating elements. The hot temperature of air during summer is partially cooled from the outside with relatively cooler indoor air.

According to 222.MK, the building meets the energy efficiency level of class A.

BENEFITS:

- The supplied air is oxygen-rich
- Air is being filtered hence no dust accumulates in the premises, on the floor and window gaskets, which usually damage the tightness of the construction product
- The premises are ventilated without opening the window and do not require additional heating
- Reduced energy consumption
- Reduced cleaning times and volumes
- In the long term – better health, improved sleep quality, less energy consumption bills, longer service life of windows' gaskets, less water and detergent consumption etc.
- Additional benefits – improved ability to work, better health due to improved sleep quality, less illnesses etc.

A

Class A
energy efficiency