

# The Issue

Fossil fuel energy is wasted

Energy loss occurs at the final point of consumption





# Why we can't use casual recuperators?!

- The main housing does not have the ability to install bulky recuperators in each apartment
- Stair wells are small
- It is expensive to make pipe routing after the repair in the apartment
- Roof installation requires a collective solution
- Large installation is noisy for residents of the upper apartments



# Casual Recuperators

- Expensive
- Bulky
- Noisy





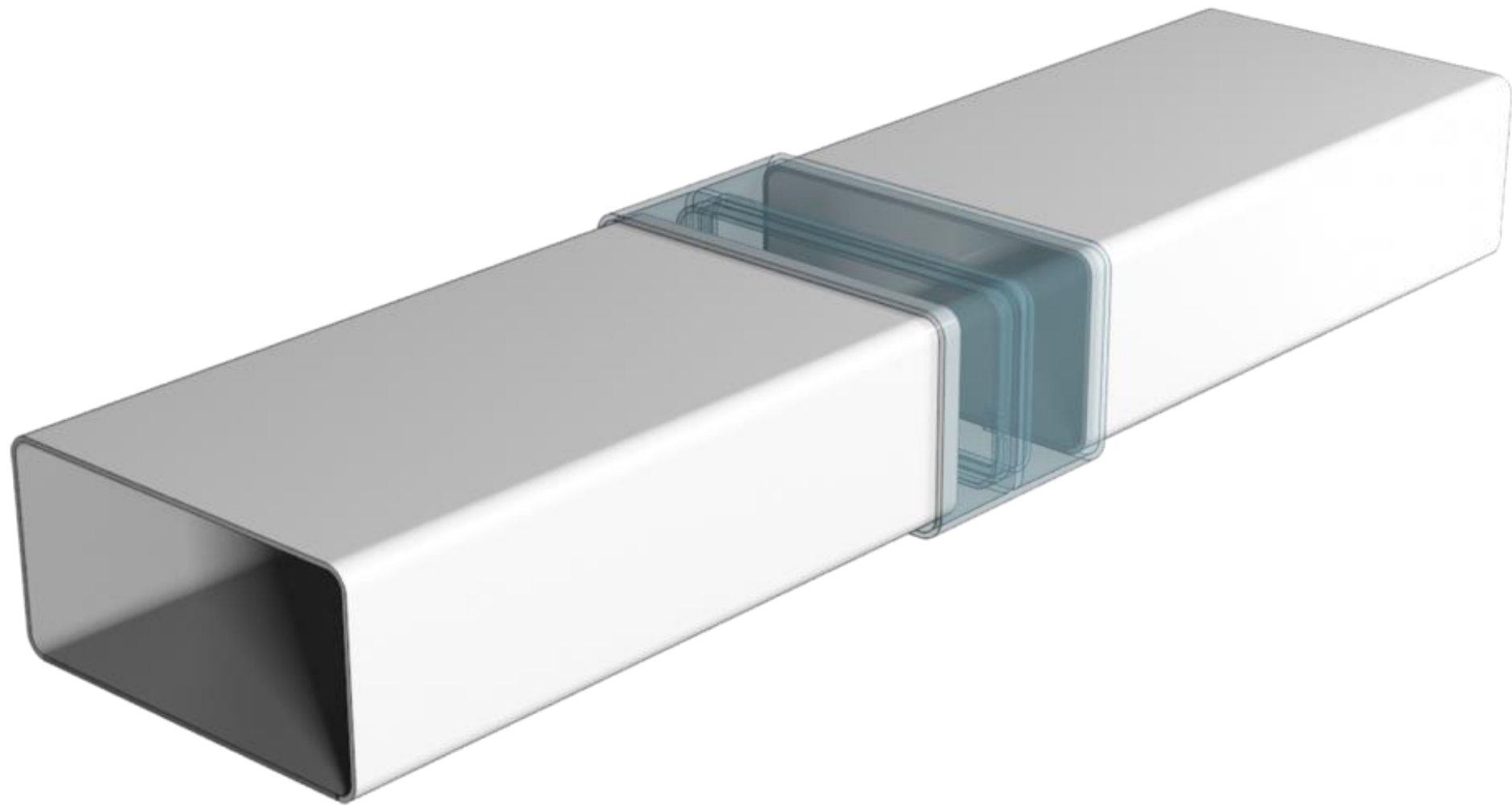
# Small recuperator (breather)?

## Why not good?

- Small size turn it into a noisy device
- Close air intake points (reduced efficiency)

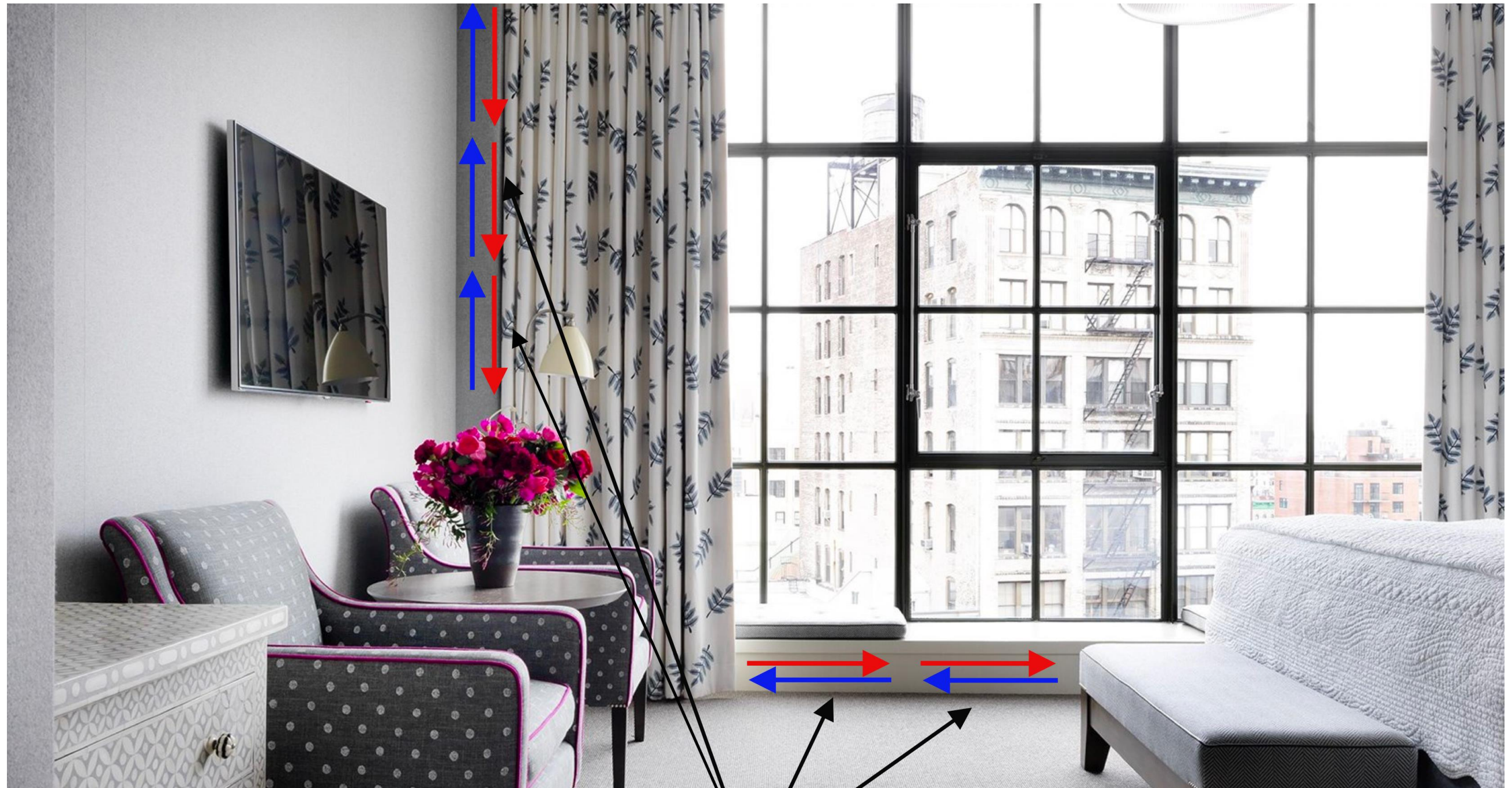


**The decision is small  
successive modules for air  
recuperation**





# Any montage scheme in a room



# The advantages of a modular system

- Unit capacity can be flexible and increased during operation
- Low noise level systems (sequential operation is possible)
- Take-off point of air with high CO can be at the bottom
- Point of output of fresh air can be at the top
- Exit point of system spaced at long distances outside
- Not required interior openings in the walls

**It was the gift  
idea for OpenHardware**

**Welcome to  
community development**

**<http://modularrecuperator.com/>**

(beta version)