



# INNOVATIVE HIGH EFFICIENCY

## Heat Storage Ball Regenerator

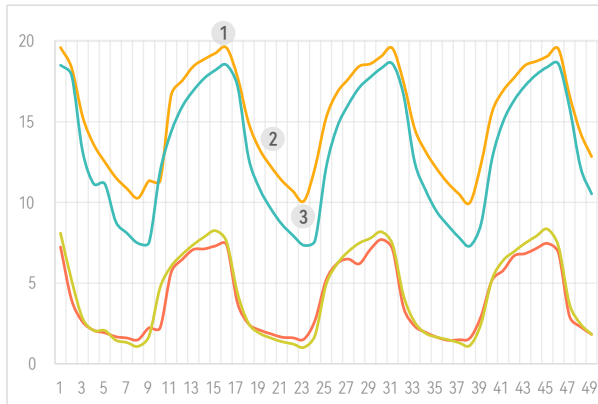


Bremen as the leading seller of single room energy recovery ventilator has developed the latest high efficiency heat storage ball regenerator, it's specially designed and gains higher efficiency and longer heat storage time compared with the traditional honeycomb ceramic regenerator.



- Washable
- Service life more than 10 years
- Higher heat exchange efficiency with more energy saving
- Adaptable to the trending single room ERV in the market
- Longer heat storage time
- Less temperature fluctuation
- More comfortable supply air temperature
- Patented innovative design
- Easy installation
- Customized design available
- Environment friendly

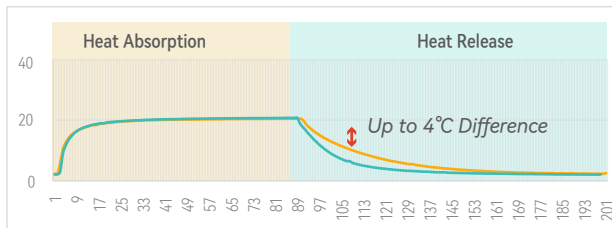
## Heat Exchange Performance Comparison



— Ball Regenerator SA temperature     — Honeycomb Regenerator SA temperature  
— Ball Regenerator OA temperature     — Honeycomb Regenerator OA temperature

- 1 At the peak of heat exchange, ball regenerator SA temperature is 1.5°C higher than the honeycomb regenerator.
- 2 Heat storage time lasts longer with less temperature fluctuation.
- 3 At the bottom of heat exchange, ball regenerator SA temperature is 2.5°C higher than the honeycomb regenerator.

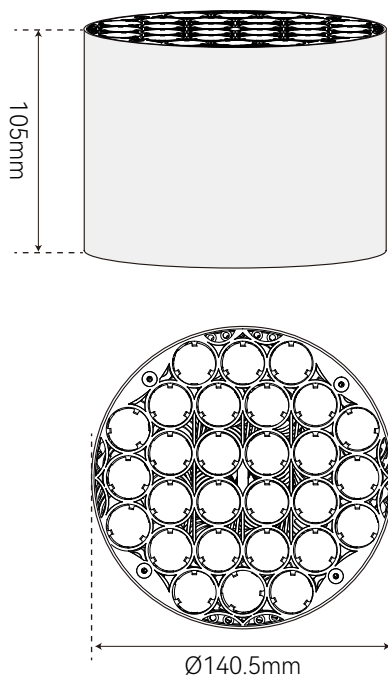
## Heat Release Performance Comparison



— Ball Regenerator     — Honeycomb Regenerator

According to our test, the heat absorption capacity is similar, while the heat release time of ball regenerator is longer, and the supply air temperature is higher than the honeycomb regenerator up to 4°C at the same releasing time.

## Dimensions



The Size of regenerator can be customized.

## Installation

The heat storage ball regenerator is installed in the inner pipe of single room energy recovery ventilator for heat exchange.



It's adaptable to the LuftStrom Single Room Energy Recovery Ventilator Model BEAIR-SR35.



BEAIR-SR35



**Bremen Ventilation**

www.bremen.com    hello@bremenventilation.com    (514) 735-3539

5965 De la Côte-de-Liesse Rd, Saint-Laurent, Quebec H4T 1C3