



inVENTer

Decentralized Ventilation

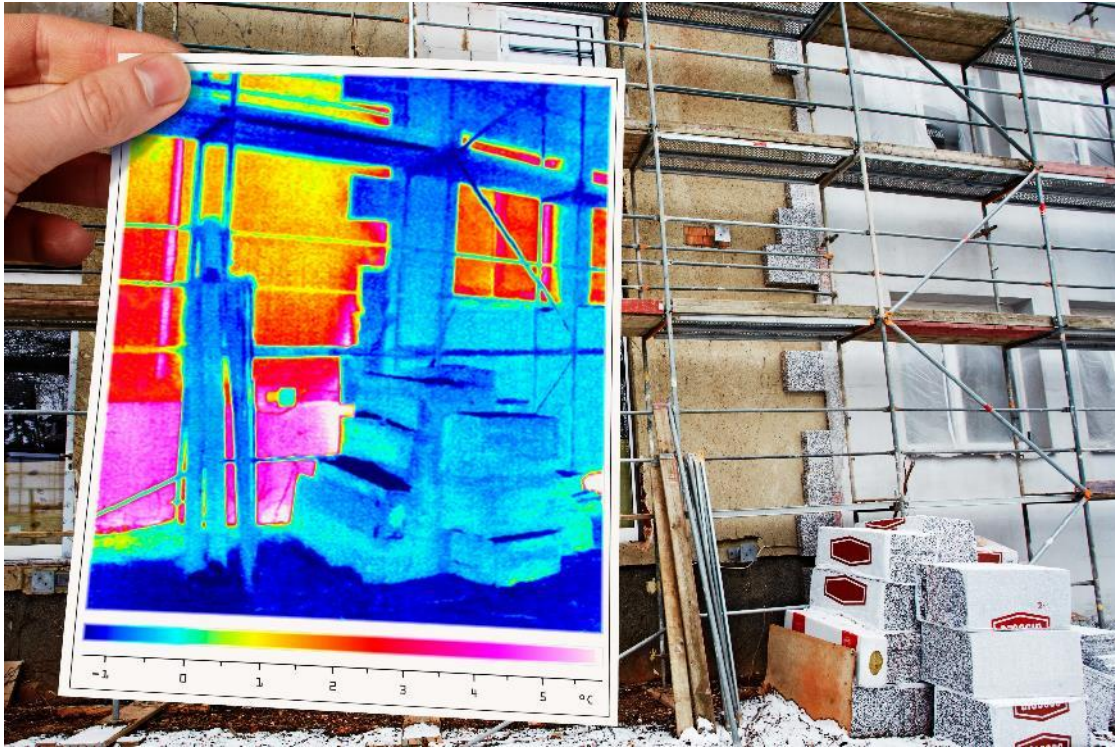


inVENTer – some facts:

- Founded in 1999
- Based in Löberschütz with R&D and production facilities
- Inventor and first manufacturer of decentralized ventilation systems with heat recovery
- 80 employees
- 21 M € revenue in 2024
- 35,000 units / year
- Partnership in Bulgaria with Vitumbuild for sales and service



Why controlled ventilation?



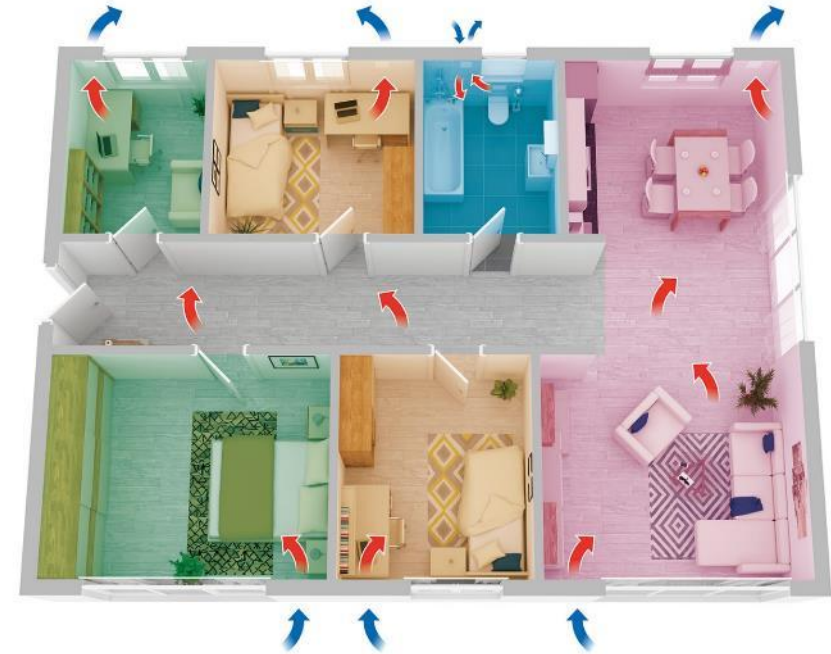
Energy-efficient buildings are thermally insulated and **airtight**.

Ventilation systems with heat/cold recovery



Centralized systems

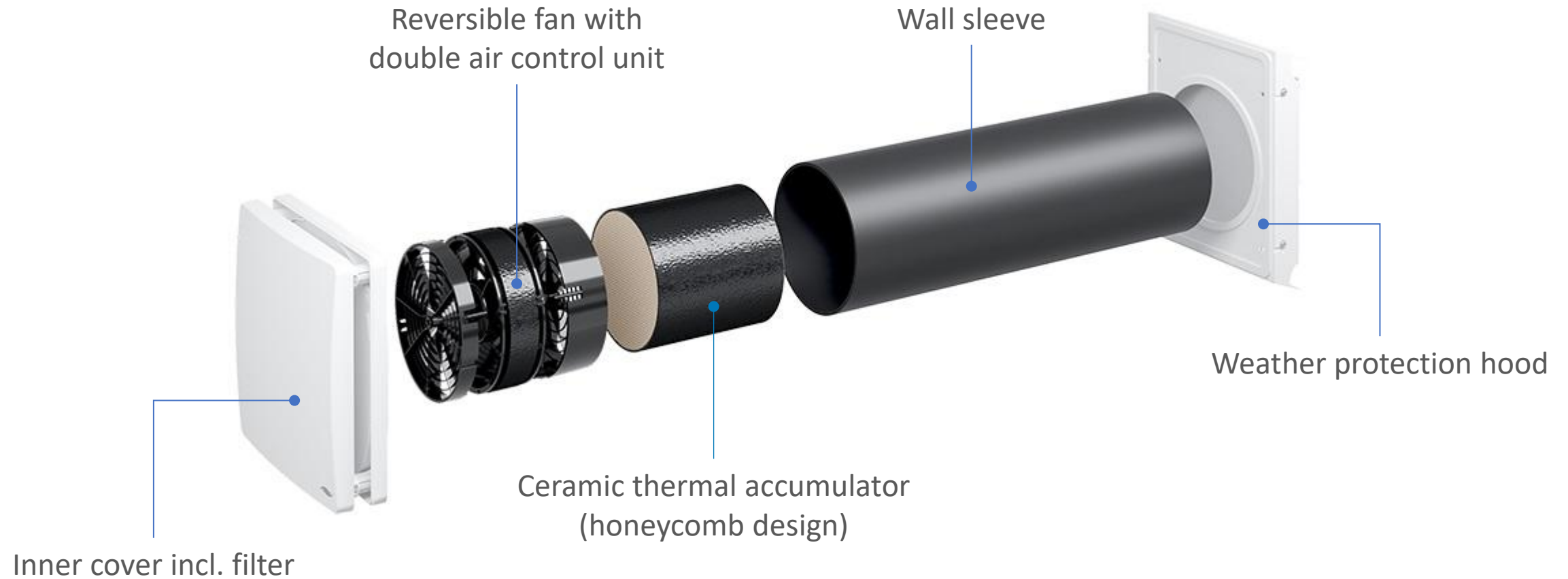
Central fan unit with heat exchanger
Connection to the individual rooms
via ducting system



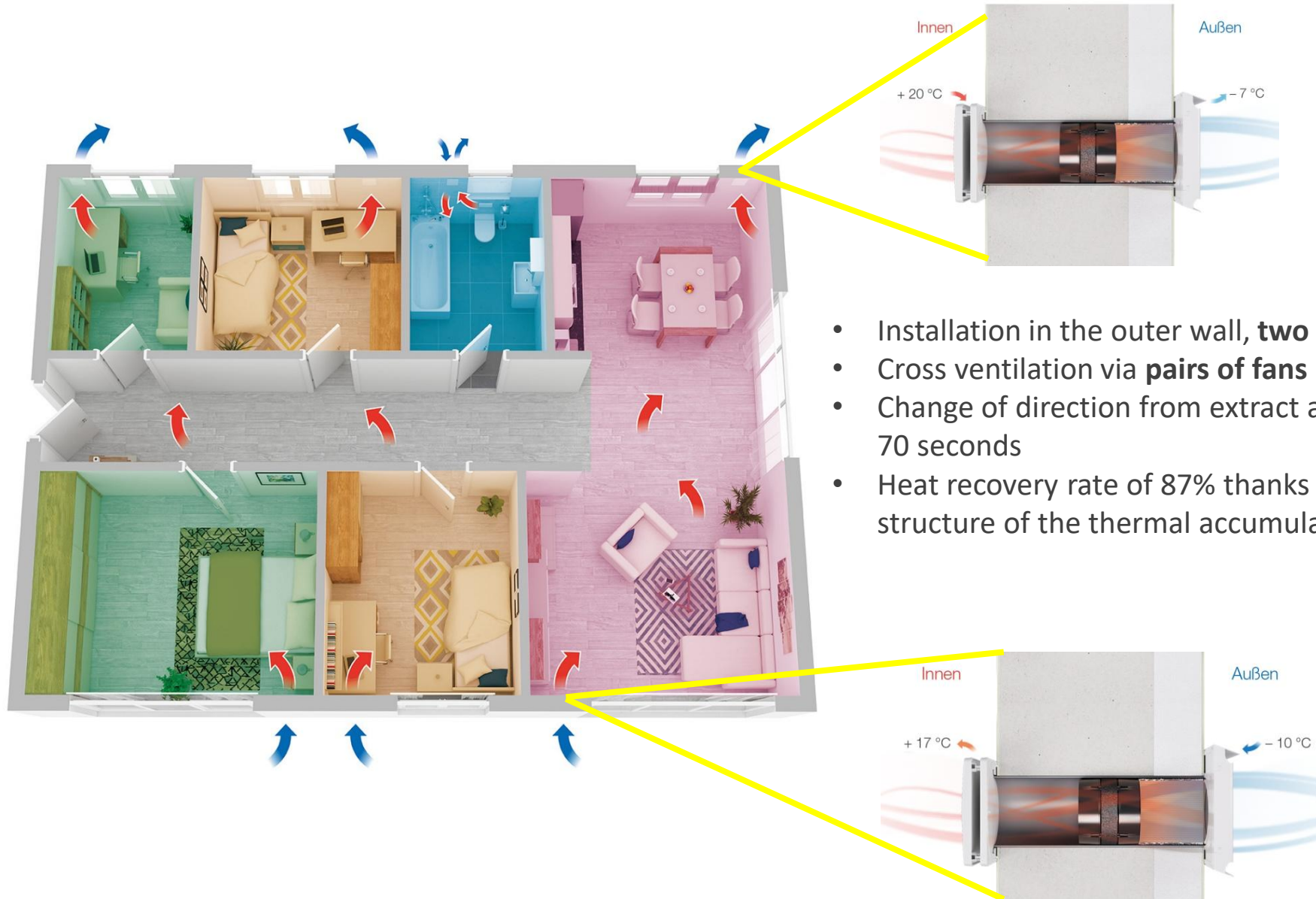
Decentralised systems

Fan units and heat exchanger are
installed decentrally in the outer walls

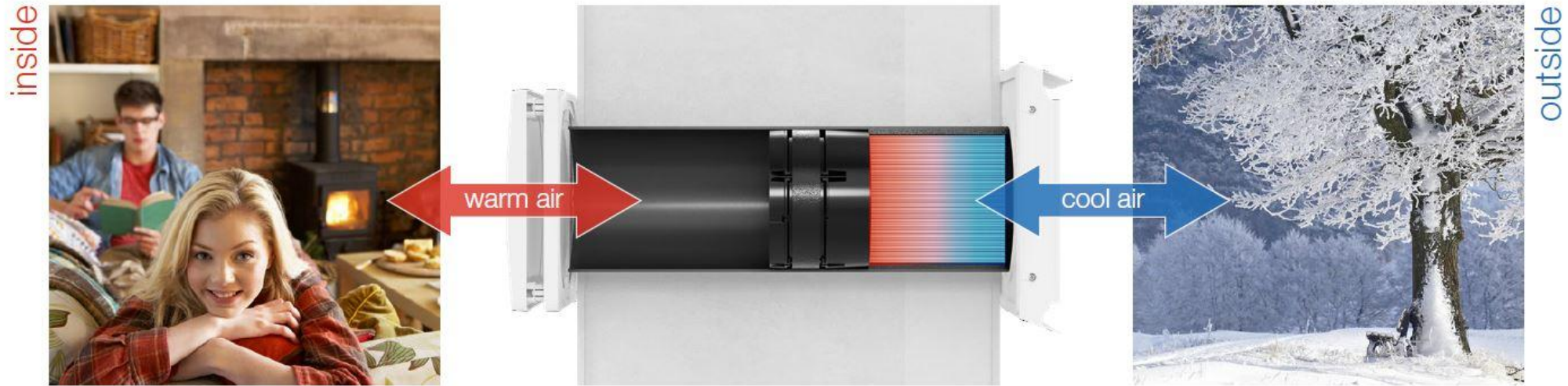
Components of the decentralized ventilation system by inVENTer



How decentralized ventilation works



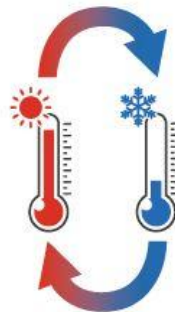
Ventilation when it is **cold** outside



Cycle 1

Extract Mode: Warm damp stale air is extracted from the inside, simultaneously heating up and moisturing the regenerator.

After 70 seconds the ventilator automatically switches to air supply mode.

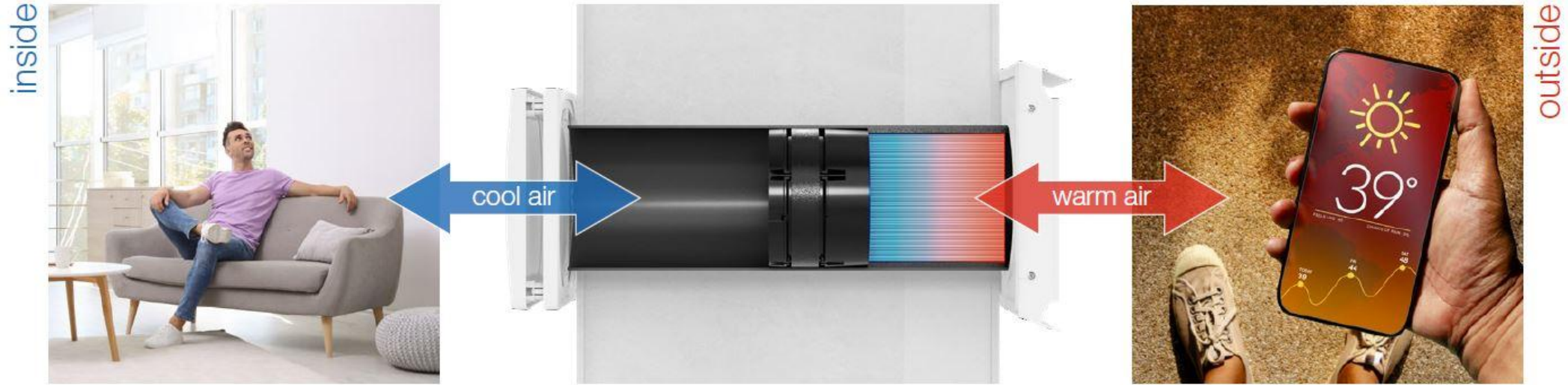


Cycle 2

Supply Mode: Fresh, but cold and dry outside air passes through the regenerator, is being humidified and warmed due to the heat accumulated in it.

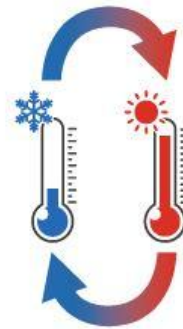
Warm humidified air enters the room and after 70 seconds the ventilator automatically switches to air extract mode again.

Ventilation when it is **hot** outside



Cycle 1

Extract Mode: Cool stale air is extracted from the inside, cooling the regenerator. After 70 seconds the ventilator automatically switches to air supply mode.

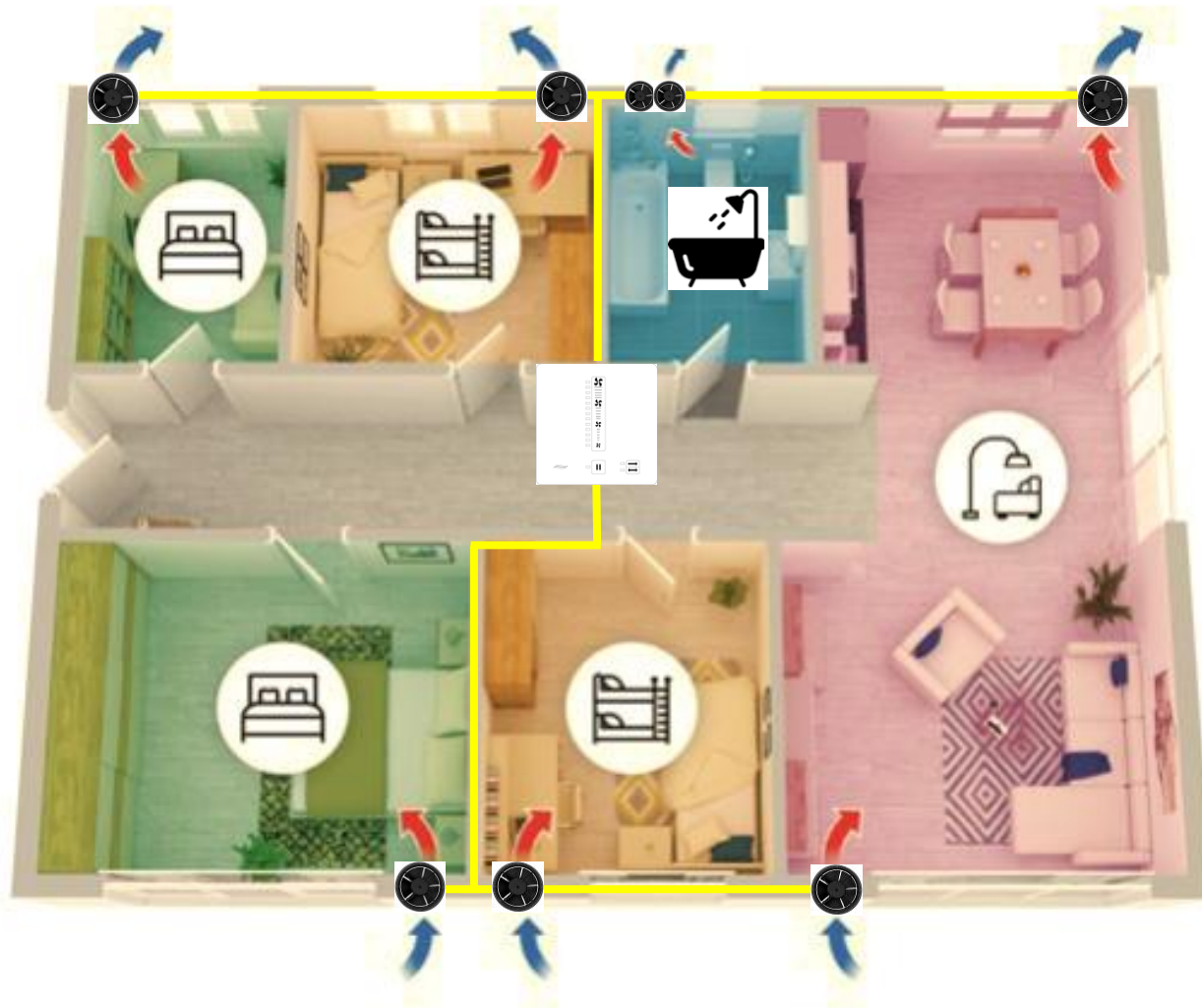


Cycle 2

Supply Mode: Fresh warm outside air passes through the regenerator and becomes cool due to the cold accumulated in it. Cool air enters the room and after 70 seconds the ventilator switches to air extract mode again.

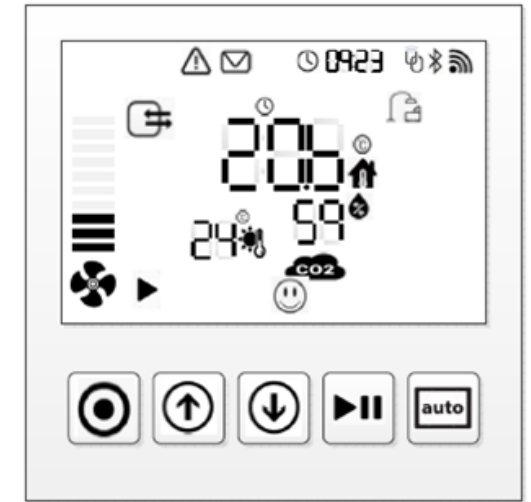
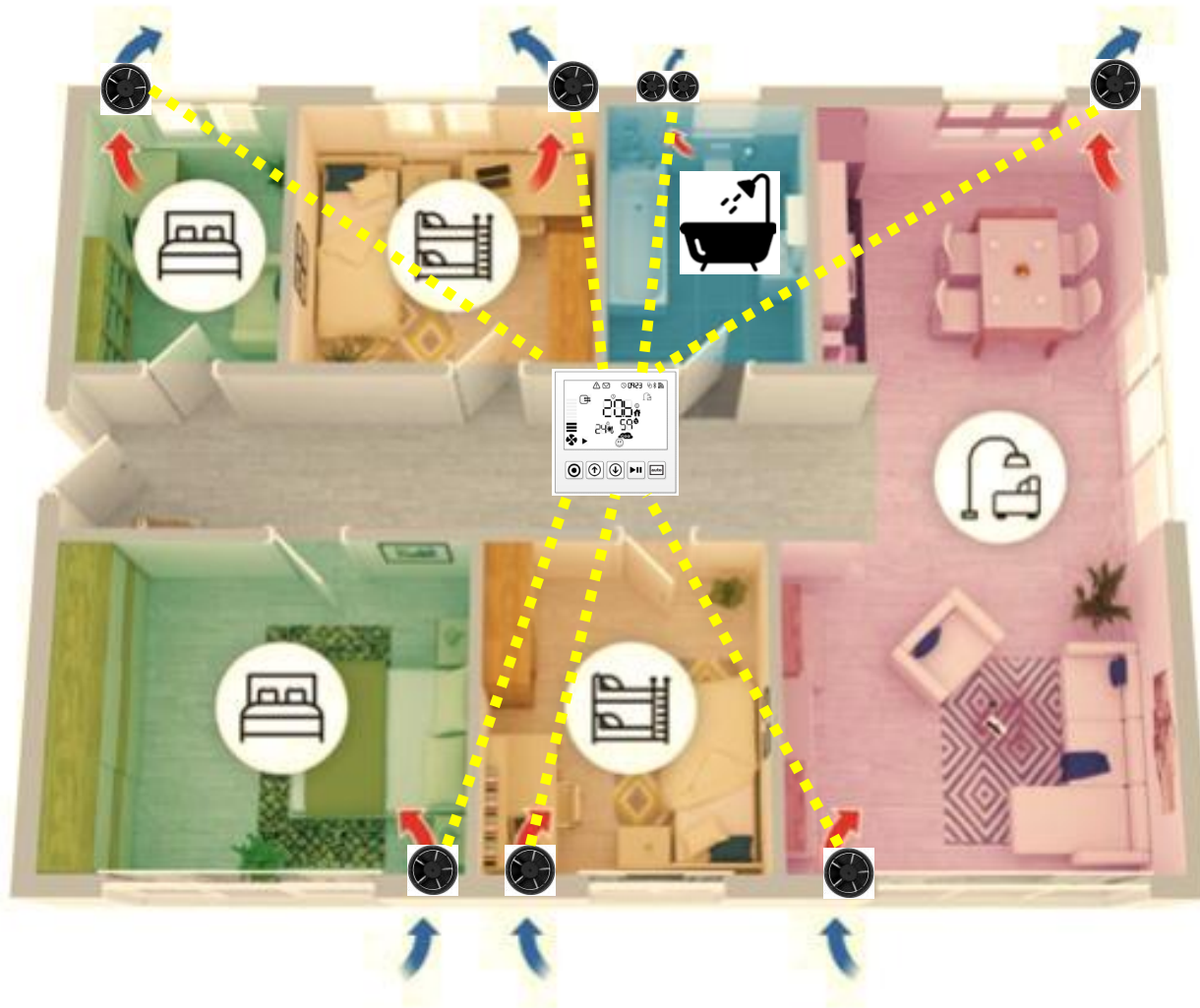
Wire based controller inVENTer sMove & MZ-Home

Drives up to 16 fan units (incl. sensors)



Wireless controller inVENTer Connect

Drives up to 16 fan units (incl. sensors)



Niedrige Betriebskosten über die gesamte Lebenszeit

✓ Leistungsaufnahme 1 bis 3 W pro Gerät

✓ Einfache Wartung

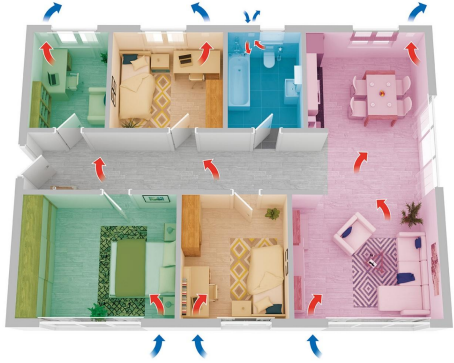


✓ Filter und Wärmetauscher waschbar



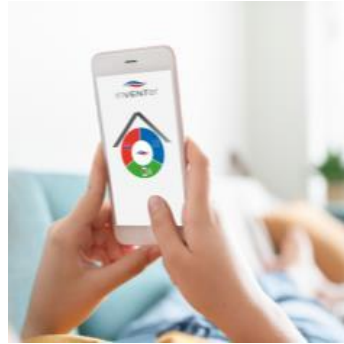
✓ 5 Jahre Garantie auf Elektronikkomponenten, 30 Jahre für den Wärmetauscher

inVENTer dezentrale Wohnraumlüftung



COMPAKT

Einbau in die Außenwände mit minimalem Platzbedarf.



KABELLOS

Funksteuerung mit der inVENTer Mobile App



LEISE

Der iV14-Zero ist eines der leisesten Geräte auf dem Markt.



UNSICHTBAR

Verschiedene Außenabschlüsse. Unauffällige Integration in die Fassade.



WIRTSCHAFTLICH

Einfache Installation. Geringe Betriebs- und Wartungskosten.

Residential Ventilation

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