



Your experts in decentralised home
ventilation

The background image for the first section is an aerial photograph of a city, likely Frankfurt, showing a dense urban landscape with a prominent tower (the Commerzbank Tower) visible in the distance under a cloudy sky.

A traditional family business

The background image for the second section is a blue-tinted photograph of an industrial interior. It shows a forklift on the left and a complex network of metal beams and structural elements, possibly part of a warehouse or manufacturing facility.

Experience & logistics

The background image for the third section is a blue-tinted, blurred photograph of an office interior. It shows a person's head and shoulders in the foreground, looking towards a desk with a computer monitor and other office equipment in the background.

Know-how & flexibility

The background image for the fourth section is a blue-tinted, blurred photograph of an office interior, similar to the one in the previous section, showing a person's head and shoulders in the foreground and office equipment in the background.

Quality: 'Made in Germany'

Keep it short and simple – our technology

Our pursuit of perfect, natural fresh air inside motivates us to develop technologically mature products.



Tradition: plastic products for the ventilation industry



Expanding and strengthening research & development department



Our own product testing labs, soundproofing chambers and 3D printers for prototype engineering



In-house training in ventilation technology for engineers and designers



Cooperation with several universities

Clever and practical product solutions:

simple, flexible, modular



Our research – getAir university cooperation

Hochschule Düsseldorf
University of Applied Sciences

HSD

Fluid mechanics & acoustics



BERGISCHE
UNIVERSITÄT
WUPPERTAL

Filtration engineering



University of Applied Sciences

Product design & construction



Hochschule Niederrhein
University of Applied Sciences

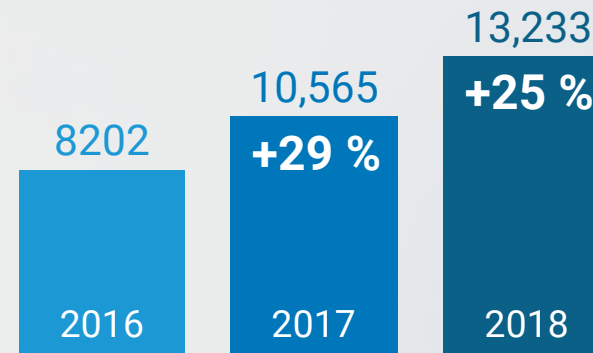
Energy management

Futureproof decentralised home ventilation

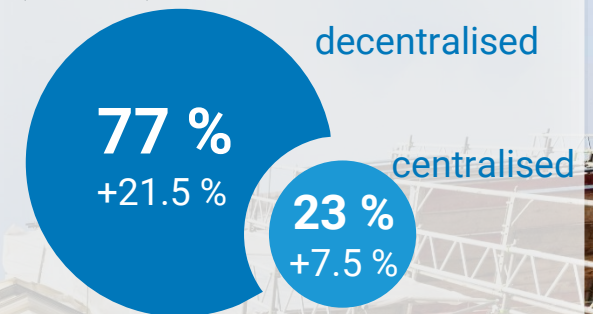
What the market is saying

- Sales of decentralised systems have been growing at double-digit rates for years
- 2014 to 2017: Sales growth of almost 60 % Unparalleled growth in the sanitary, heating and air conditioning industry

Sales May Germany decentralised home ventilation



Market volume of centralised and decentralised ventilation (DE 2017)



**The market growth
opportunities for
decentralised housing
ventilation are huge**



From outdoor to indoor specialists –
A lot has happened since we began

90%

the actual time we spend
in enclosed spaces

get Air®

10%

the time we
spend in
fresh air

Fresh air, our elixir of life

We inhale on average around **10,000 litres of air** per day. People can survive for days without water, but only a few minutes without **breathable air** – all the more important that it should be good quality.

A good fresh air supply ...

- ✓ reduces fatigue & stress symptoms
- ✓ Improves concentration & reduces headaches
- ✓ prevents damp & mould formation
- ✓ reduces the risk of asthma

Water requirement vs. breathable air per day



Clean and fresh ambient air—
our vision

90 %

of our **lives** is spent in
enclosed spaces.

Our **vision** is
perfect indoor air quality.

We want to bring
clean, fresh air
into living spaces.



The benefits of decentralised home ventilation



Quality of life & comfort

- ✓ Healthier living thanks to a continuous supply of fresh outside air
- ✓ Removal of harmful substances and moisture from the ambient air



Assembly & maintenance

- ✓ Basic core hole drilled through the external wall
- ✓ Independent and fast cleaning



Energy efficiency

- ✓ Saving up to 50 % of heating energy
- ✓ Over 90 % heat recovery



Safety & security

- ✓ Protection from outside noise
- ✓ Increased burglary protection as windows can be kept closed



Building structure & living quality

- ✓ Building structure maintained
- ✓ Building quality A++ (passive house), A+ and A

Extract air phase

Supply air phase

21 °C

19 °C

Principle of heat recovery

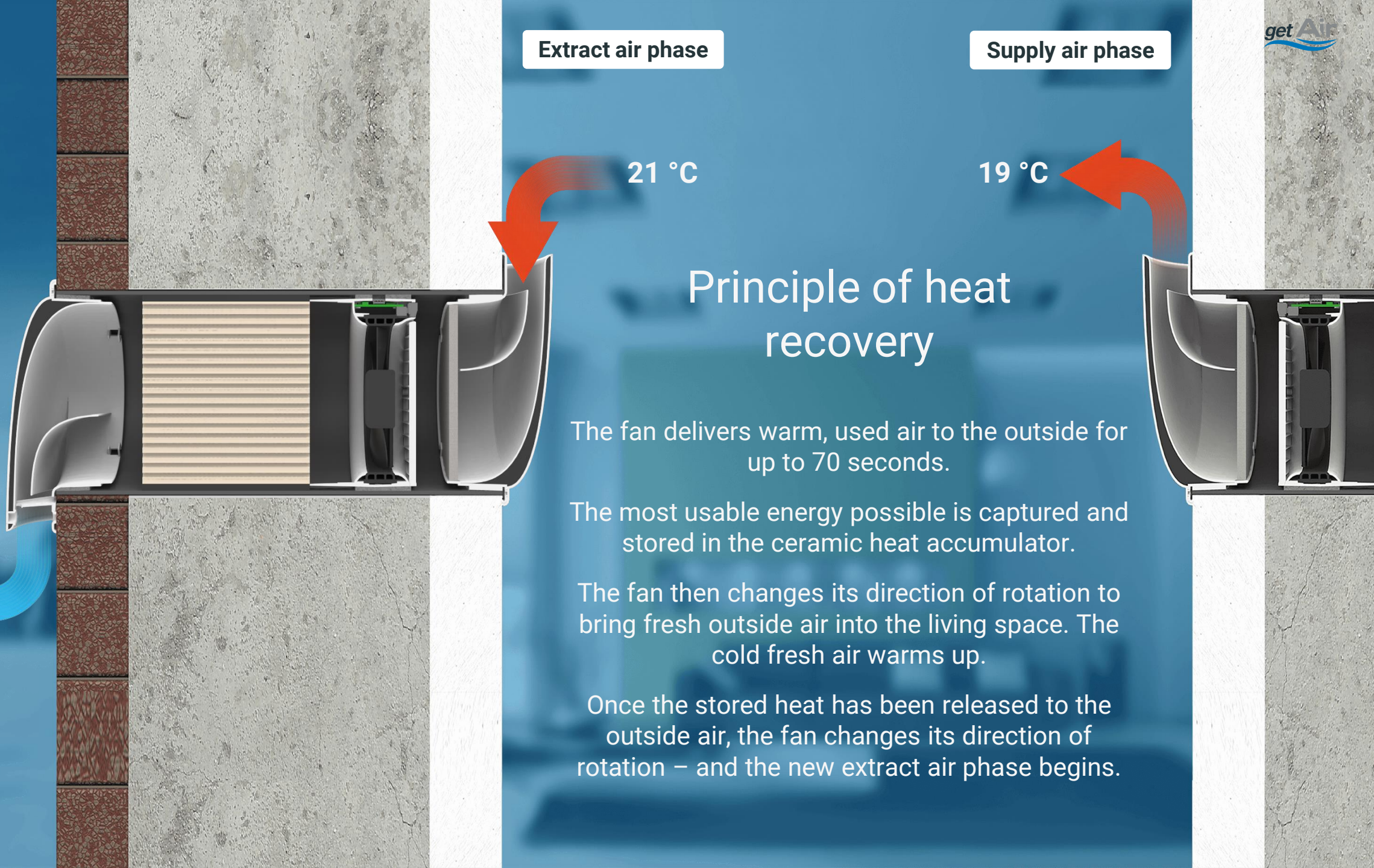
The fan delivers warm, used air to the outside for up to 70 seconds.

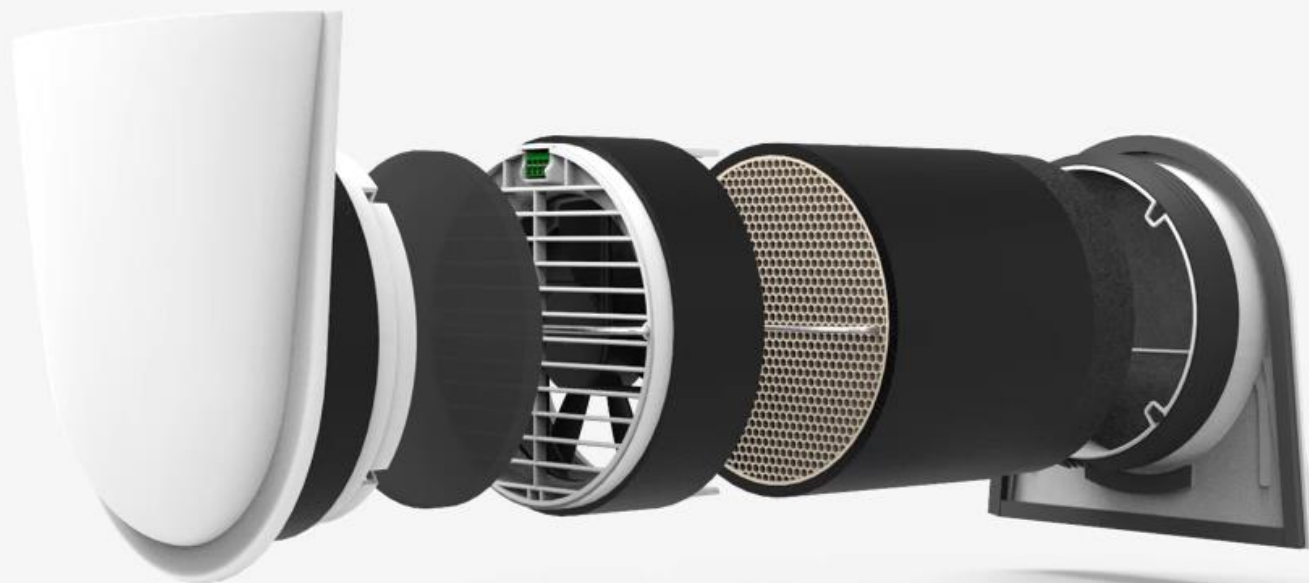
The most usable energy possible is captured and stored in the ceramic heat accumulator.

The fan then changes its direction of rotation to bring fresh outside air into the living space. The cold fresh air warms up.

Once the stored heat has been released to the outside air, the fan changes its direction of rotation – and the new extract air phase begins.

0 °C





Decentralizuoto namų vėdimo
revoliucija

SmartFan
mažiausia,
tyliausia ir
pati efektyviausia
kontroliuojama namų vėdinimo sistema su šilumos atgavimu
savo klasėje.

SmartFan – getAir technologiškai pranašiausias

SmartFan: mažiausia, tyliausia ir pati efektyviausia decentralizuota namų vėdinimo sistema savo klasėje



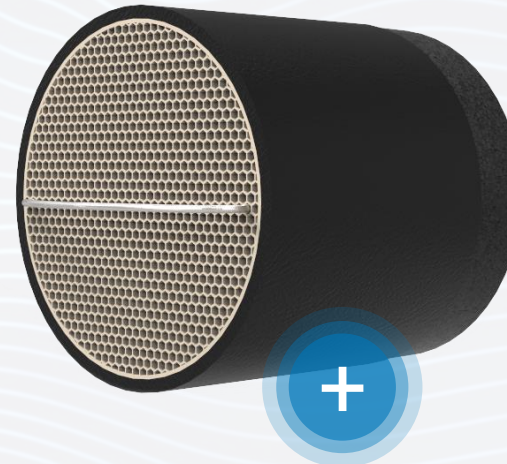
Vidinis difuzorius



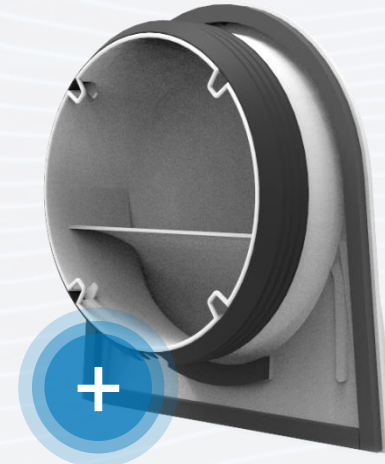
Žiedadulkių filtras



Ventiliatorius



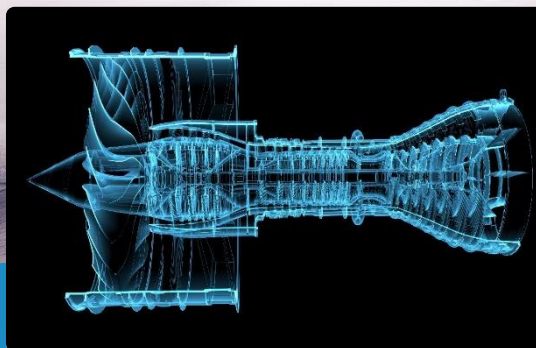
**Keramikinis
šilumokaitis**



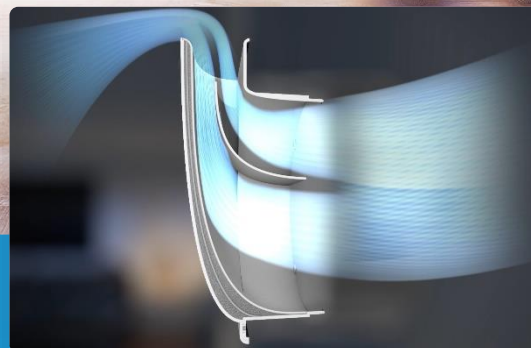
Išorinis difuzorius

SmartFan – intelektuali oro srauto technologija

Norint įsiurbti gaunamus skysčius be
nuostolių, reikia specialios formos $\frac{1}{4}$ -įleidimo
kanalo.



Orlaivio turbina



SmartFan
difuzorius

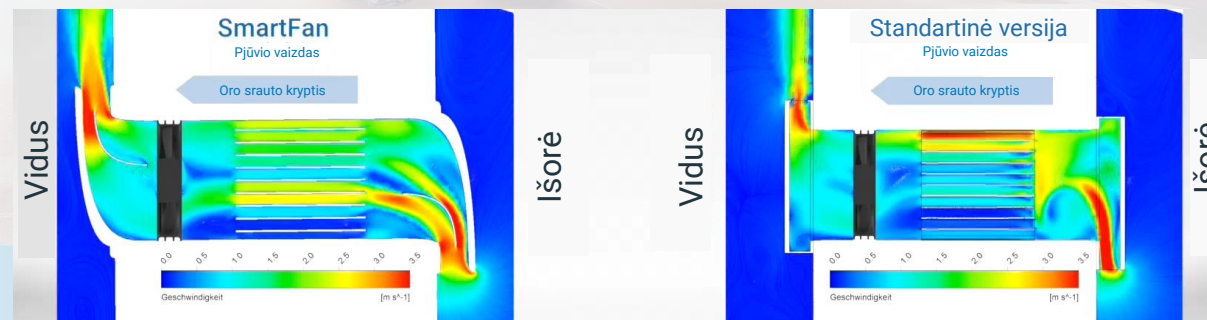
SmartFan – optimizuotas Oro srauto paskirstymas

$\frac{1}{4}$ -kanalo srauto įvadas užtikrina įsiurbimą be nuostolių.

Išorinio difuzoriaus aerodinaminės kreipiančiosios sukuria optimalų srautą ir tolygų šilumos pasiskirstymą keraminiame šilumokaityje.

Šilumokaitis tolygiau sugeria šilumą lyginant su standartine versija.

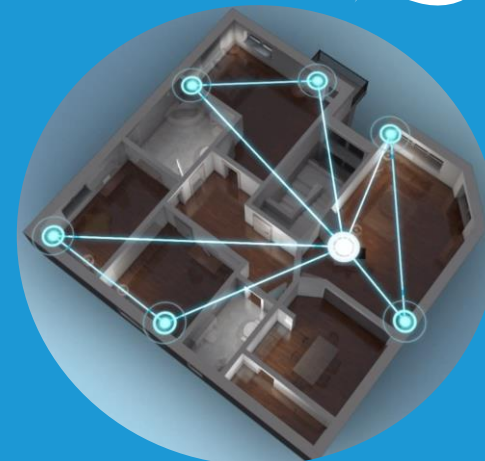
Gaunamas oro srautas – Greičio lauko iliustracija



SmartFan valdymas – Protingai valdomas oras

Sistema siūlo tinkamiausius sprendimus visiems vėdinimo sprendimams:

- ✓ veikia nepriklausomai arba kartu
- ✓ Išlygina oro slėgį nepriklausomai kombinacijose arba porose
- ✓ galimybė kontroliuoti iki trijų skirtingų kambarių (zonų) ir iki šešių įrenginių. Kontrolė vienu valdikliu.
- ✓ siūlomi 4 greičių režimai, nuo greito patalpų vėdinimo iki vakarėlio režimo
- ✓ intelektualus filtro keitimo indikatorius
- ✓ fiksuojamas darbo valandų kiekis



SmartFan S – toks oras koks Jums patinka

SmartFan® S sujungia visus SmartFan® privalumus su naujausiomis daviklių technologijomis

Davikliai matuoja
temperatūrą ir
dėgmę

Nustatymai
pritaikomi
kiekvenai zonai

Automatinis
vėdinimo režimo
pasirinkimas

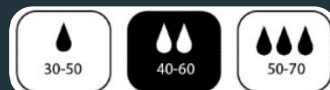
Modernus
TOUCH valdiklis

Lengas sistemos
atnaujinimas į
SmartFan S

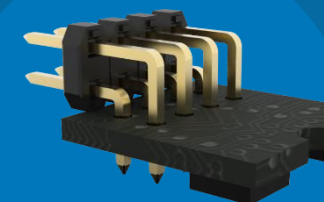
A + -ženklintas
pagrįtas
sertifikatu

Tobulas klimatas + mažesnės šildymo išlaidos

DRĖGMĖS LYGIS



TEMPERATŪROS PASIRINKIMAS



SmartFan S

- ✓ Kintamos krypties vėdinimo įrenginus su keraminiu šilumokaičiu geriamam šilumos atgavimui
- ✓ Garsas ir oro srautas optimizuotas viduje ir išorėje
- ✓ Valdykite vėdinimo sistemą LED arba TOUCH valdikliais
- ✓ Zoninis valdymas naudojant TOUCH valdiklį
- ✓ Temperatūros ir drėgmės daviklis (priedas valdomas kartu su TOUCH valdikliu)

Savybės



46 m³/h



Šilumos atgavimas:
up to 91 %



Tyliausias įrenginys savo srityje



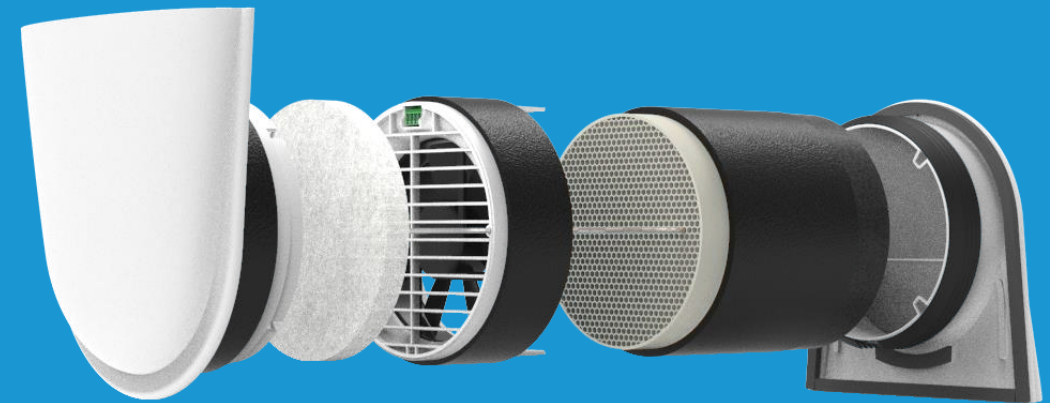
Skylės dydis:
160 mm



Tiesioginis montavimas



Paprasta įrangos priežiūra



SmartFan sistema: viskas iš vienos rankų

Puikus aplinkos oras visur

get Air®

Pastogės/stogas SmartFan® D

Inovatyvus pastogės
sprendimas

Šalia lango SmartFan® L

Išnyksta namo fasade

Virtuvė ir vonia SmartFan® X

Oro ištraukimas

Rūsysis SmartFan® K

Protingas sprendimas
rūsiui

Ištraukiamo oro ventiliatorius SmartFan® XR

Pašalinkite orą ir
uždarytų patalpų