Product Catalogue

Decentralised ventilation

DIN VENTILATION



Ventilation with heat recovery

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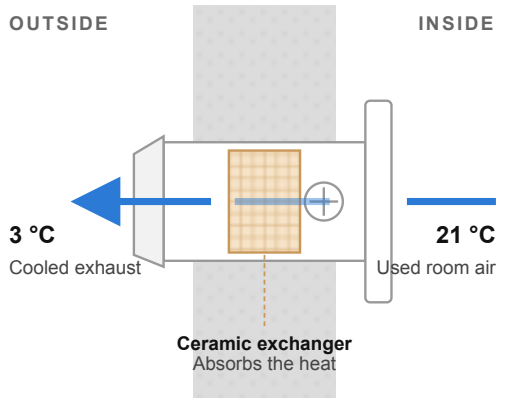
Ventilation without ducts

How decentralised heat recovery works

A decentralised unit sits in the external wall and ventilates the room it is installed in. A ceramic heat exchanger stores the heat from the extract air and releases it back into the fresh air. No ducts, no suspended ceilings, no plant room.

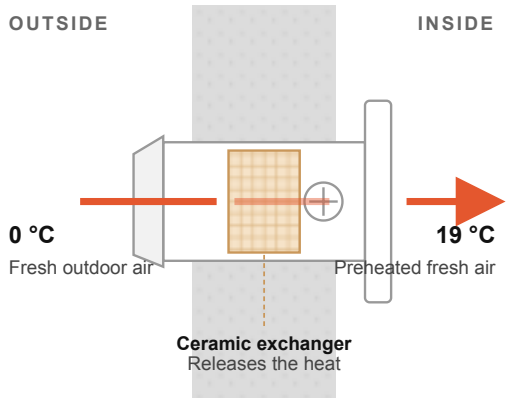
1 Extract · 75 seconds

Warm room air is drawn out and charges the exchanger



2 Supply · 75 seconds

Fresh outdoor air is drawn in and preheated in the exchanger



Reverses direction every 75 seconds. Two units run in opposite phase: one extracts, one supplies.

Up to 97 % of the heat stays in the room

How to choose

Product	Installation	Wall thickness	Airflow	Heat recovery	Noise	Suitable for
AirPro V2	Ø162–172 mm hole in external wall	250–500 mm, down to approx. 100 mm with accessories	up to 60 m³/h	97 %	12–33 dB(A)	Bedroom, living room, basement, bathroom. Rooms up to approx. 30 m²
AirNano	Ø120 mm hole in external wall	270–500 mm	up to 30 m³/h	97 %	16.9–26.8 dB(A)	Small rooms and existing Ø110–130 mm holes
AirMini	Ø158 mm duct in external wall	150–250 mm, down to 50 mm with accessories	up to 80 m³/h	90 %	≤ 39 dB(A)	Thin walls, pavilions, rooms up to approx. 30 m²
AirDuo	Wall-mounted, supply and extract at the same time	–	up to 100 m³/h	75–90 %	35 dB(A)	Flat, office, rental housing
AirSchool	Floor-standing, 2 × Ø250 to outside	–	700 / 900 m³/h	90 %	35–45 dB(A)	Classrooms, 25–30 people
AirSchool Top	Ceiling-mounted, 2 × Ø250 to outside	–	350–850 m³/h	80–93 %	30–49 dB(A)	Office, shop, classroom without floor space

AirPro V2.0

Single-room ventilation with heat recovery





97 % heat recovery
Ceramic heat exchanger

Low power consumption
4.8–7.8 W, energy class A

F7 pollen filter
Plus coarse filter, filter alarm

Easy installation
One Ø162–172 mm hole, plugs into a socket

Low noise level
12 dB(A) in night mode

WiFi + app
"Din Ventilation" app, remote control

Benefits

- Night mode down to 12 dB(A), ideal for bedrooms
- Automatic humidity control: speeds up by itself after showering and cooking
- IPX4, can be installed in the bathroom
- Two units pair wirelessly up to 15 m apart and run in opposite phase for balanced ventilation
- Free cooling in summer when the outdoor air is cooler than indoors
- Controlled from the app, remote control or button on the unit. Works with Google Home and Home Assistant
- Available in white and black

Suitable for

Bedroom · living room · basement · bathroom · flat · office · extension.

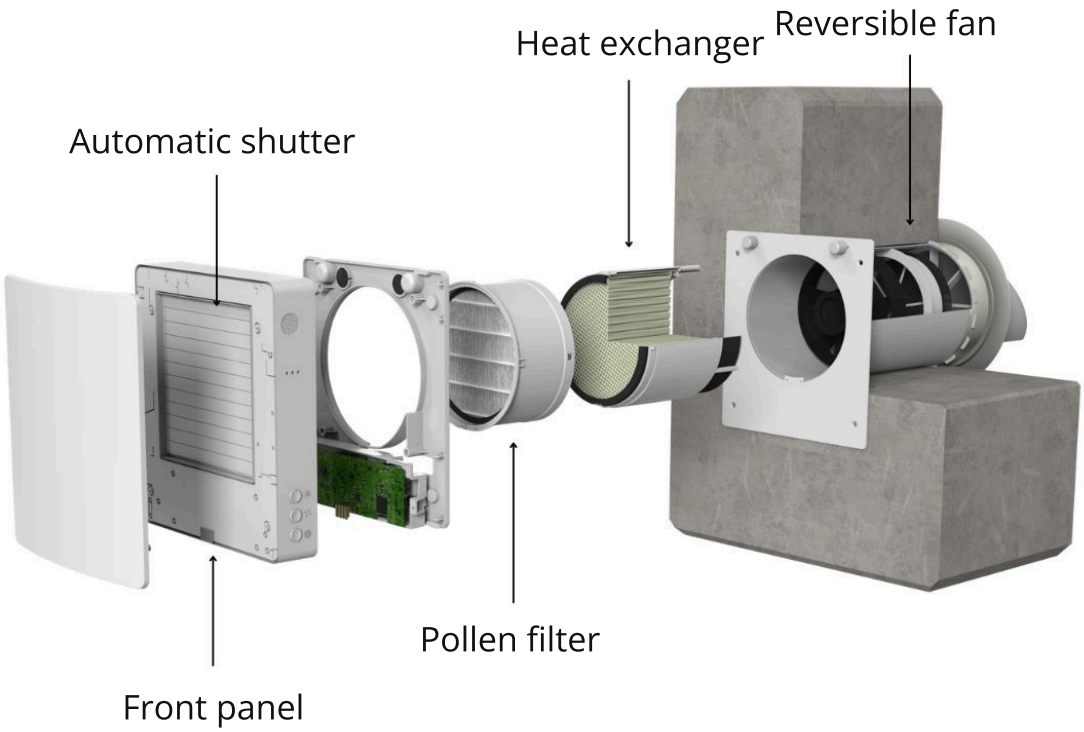
Walls 250–500 mm as standard. Down to approx. 100 mm with spacer and deep rain hood.

In the box

Motor and ceramic core, rain hood, mounting plate, front panel, telescopic tube, filter set, remote control and 5 m cable with plug.

AirPro V2.0

Construction and technical data



Description	Unit	Value
Voltage	V	100–240
Power	W	4.8 / 6 / 7 / 7.8
Airflow in heat recovery mode	m^3/h	6 / 10 / 20 / 25
Maximum airflow (boost)	m^3/h	60
Sound pressure level	dB(A)	12 – 32.7
Heat recovery efficiency	%	up to 97
Protection class	–	IPX4
Duct diameter	mm	158
Hole in wall	mm	Ø162–172
Wall thickness (telescopic tube)	mm	250–500
Front panel (W × H × D)	mm	239 × 264 × 77
Energy class	–	A
Operating temperature	°C	-20 to +50
Net weight	kg	4.2

Maintenance

- F7 pollen filter and coarse filter replaced at least twice a year (recommended every 4 months)
- Ceramic exchanger is pulled out and rinsed in water once a year
- Filter alarm on the unit and in the app
- Filter subscription: a year of filters delivered to your door

Control

- Three modes: heat recovery, extract, supply
- 4 speeds and boost
- Automatic humidity control
- Master/slave: one remote controls the pair
- Timers and scenes in the app

AirNano

Single-room ventilation for a Ø120 mm hole





Only a Ø120 mm hole
Fits existing Ø110–130 mm holes

97 % heat recovery
Ceramic heat exchanger

Low noise level
16.9–26.8 dB(A)

Humidity control as standard
Speeds up by itself at high humidity

Low power consumption
4–6 W, energy class A

Automatic shutter
Keeps cold and insects out

Description	Unit	Value
Voltage	V	220–240
Power	W	4 / 4.9 / 6
Airflow supply/extract	m³/h	10 / 20 / 25, boost 30
Airflow in heat recovery mode	m³/h	5 / 10 / 12.5
Heat recovery efficiency	%	up to 97
Noise level (1.5 m)	dB(A)	16.9 / 22.7 / 26.8
Tube / core drill	mm	Ø105 / Ø120
Wall thickness	mm	270–500
Indoor unit (W × H × D)	mm	240 × 258 × 77
Energy class (SEC)	–	A
Net weight	kg	2.9

Benefits

- Same housing as AirPro V2, only a Ø105 mm tube
- Replaces old fans in existing holes without re-drilling
- Remote control, WiFi and app included
- Two units pair wirelessly and run in opposite phase
- F7 pollen filter available as an accessory
- CE, ErP, CB, RoHS

Suitable for

Children's room · small bathroom · home office · utility room · holiday home. For rooms over approx. 15 m² we recommend AirPro V2.

AirMini

Single-room ventilation for thin walls



Walls from 150 mm
Down to 50 mm with accessories

Up to 90 % heat recovery
Ceramic heat exchanger

Low noise level
Up to 39 dB(A)

Up to 80 m³/h
Rooms up to approx. 30 m²

No filters
Exchanger rinsed 2–4 times a year

WiFi + app
Same app and remote control as AirPro V2

Description	Unit	Value
Voltage	V	220–240
Power	W	7.9 / 10.8 / 12.1
Airflow	m³/h	60 / 70 / 80
Heat recovery efficiency	%	up to 90
Noise level (1.5 m)	dB(A)	32 / 34 / 39
Protection class	–	IPX4
Duct diameter	mm	158
Wall thickness	mm	150–250, down to 50 w. accessories
Dimensions (W × H × D)	mm	240 × 258 × 227
Energy class	–	A
Net weight	kg	4.3

Benefits

- Higher airflow than AirPro V2
- Automatic shutter closes when the unit is off
- Can run automatically via external sensors
- IPX4, suitable for wet rooms
- Pairs wirelessly with another unit such as AirPro V2

Suitable for

Site cabin · pavilion · holiday home · annexe · extension · lightweight facades. Wherever there is no room for a full-depth Ø160 mm tube.

AirDuo

Balanced ventilation in one unit





Supply and extract at once
Balanced ventilation without pairing

35 dB(A)
28 W in operation, under 1 W standby

Touch panel
WiFi and app, remote control optional

75–90 % heat recovery
Temperature efficiency

F7 filter
CO_2 and PM2.5 sensor optional

Alexa and Google
Scenes, weekly timer and sleep mode

Description	Unit	Value
Voltage	V	220–240
Power	W	28
Airflow	m^3/h	60 / 80 / 100, night 40
Temperature efficiency	%	75–90
Noise level	dB(A)	35
Filtration	–	Coarse filter + F7
Dimensions (W × H × D)	mm	567 × 437 × 196
Mounting	–	Wall or horizontal
Operating temperature	°C	-20 to +40

Benefits

- Supply and extract run simultaneously in the same unit
- 5 operating modes: ventilation, fresh air, auto bypass, extract and auto
- Built-in humidity sensor, filter alarm and safety lock
- Mounted on the wall or horizontally, also in rental housing

Suitable for

Flat · office · rental housing · bedroom · meeting room. When one room needs fully balanced ventilation from a single unit.

AirSchool F700 / F900

Floor-standing unit for classrooms





700 / 900 m³/h
One classroom with 25–30 people

90 % heat recovery
Counterflow exchanger

CO_2-controlled
Airflow follows occupancy

No ducts in the building
At the external wall, 2 × Ø250 to outside

BMS / Modbus
Connects to the school's BMS

Lockable control panel
Easy access to filters

Description	Unit	Value
Airflow F700	m³/h	up to 700
Airflow F900	m³/h	up to 900
Heat recovery efficiency	%	up to 90
Noise level	dB(A)	35–45
Installation	–	Floor, at external wall
Spigots to outside	mm	2 × Ø250
Sensors	–	CO_2, humidity, temperature
Communication	–	BMS / Modbus
Certification	–	CE, ErP, CB, RoHS

One room at a time

Each room gets its own unit that runs independently and regulates itself by CO_2. No ductwork through the building and no suspended ceilings.

Suitable for

Classroom · nursery · library · community hall · care home · meeting room.

We help with airflow calculations per room and datasheets for the consultant.

AirSchool Top 900

Ceiling-mounted unit for offices, shops and schools





Under the ceiling
385 mm high, the whole floor stays free

350 / 450 / 850 m³/h
EC fans, 3 speeds

80–93 % heat recovery
Enthalpy counterflow exchanger

CO_2, bypass and night cooling
Controlled automatically

2.2 kW reheater
PTC, for cold days

Modbus, WiFi and weekly timer
Boost switch and fire stop

Description	Unit	Value
Airflow	m³/h	350 / 450 / 850
Temperature efficiency	%	80–93
Noise level (3 m)	dB(A)	30 / 35 / 49
Power (excl. reheater)	W	410
Reheater PTC	kW	2.2
Voltage	V	220–240, single-phase
Dimensions (L × W × H)	mm	1600 × 1150 × 385
Spigots	mm	2 × Ø250
Filters	–	G4 + F8
Net weight	kg	150

Suitable for

Classroom · open-plan office · shop · restaurant · waiting room · office. Anywhere the floor space is needed for something else.

Installation

- Two Ø250 ducts to outside, intake and exhaust insulated
- Weight 150 kg, suspension sized accordingly
- Single-phase supply. Electrical connection by a qualified electrician

Accessories

Outdoor parts, mounting, filters, controls and spare parts

Rain hoods and mounting



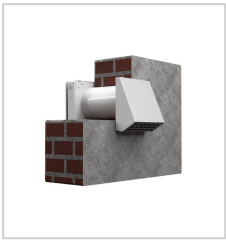
Rain hood plastic, white

Included with AirPro V2



Rain hood plastic, black

For dark facades



Rain hood metal, white

Painted metal



Rain hood metal, black

Matt black



Rain hood deep, white

Thin walls, 110 mm extra ducting



Rain hood deep, black

Thin walls, 110 mm extra ducting



Heated rain hood, 30 W

Aluminium, frost protection



Ventilation shaft with grille

Basements below ground level



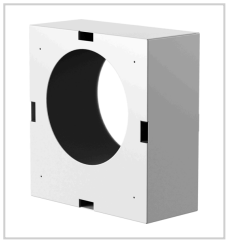
Extension tube Ø160 × 600 mm

Walls over 470 mm



Spacer 3 cm

Internal mounting



Spacer 10 cm

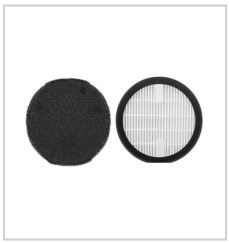
Internal mounting, thin walls



Fabric cover for front panel

Black fabric

Filters, controls and spare parts



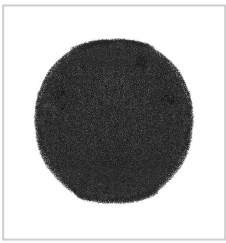
Filter set F7 + coarse filter

AirPro V2, replaced at least twice a year



F7 pollen filter

AirPro and AirNano



Coarse filter G4

AirPro V1 and V2



Cleaning kit

A year of maintenance incl. filters



Ceramic heat exchanger

Spare part



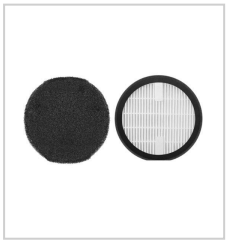
Motor in cassette

Incl. exchanger and filters



PCB and humidity sensor

Spare part, set



Filter subscription

A year of filters delivered once a year



Remote control

Speed, mode, boost, filter reset



Air quality monitor, wireless

Automatic control of the ventilation



Negative ion generator

Mounts on the front



Bathroom fan Ø100 / Ø125

Timer and humidity control

Other products

Central units, ceiling units and heat pump ventilation



AirRes 250 / 350 / 500

Wall-mounted heat recovery unit for the whole home. Counterflow exchanger, EC fans with constant airflow, 100 % bypass for free cooling, WiFi and app.

- 250–500 m³/h · up to 95 % heat recovery
- 35–39 dB(A) · 137–412 W · energy class A
- Spigots Ø144–196 mm · right- or left-handed
- Detached house, flat, apartment blocks



AirCeil 150 – 2000

Ceiling-mounted heat recovery unit in 9 sizes for commercial and institutional buildings. Enthalpy exchanger, DC fans, automatic bypass and high external pressure for long duct runs.

- 150–2,000 m³/h · 73–90 % heat recovery
- 28–40 dB(A) · 58–850 W
- Touch panel, 10 speeds, filter alarm. WiFi and CO_2 optional
- Office, shop, restaurant, school, clinic, hotel



AirComfort 350 / 650 / 900

Heat pump and heat recovery in one unit: fresh air, heating, cooling and dehumidification. DC inverter, enthalpy exchanger, bypass. Outdoor unit with duct connection, so all the mechanics stay outside.

- 350–950 m³/h · 50–650 m² · COP above 6
- 37–46 dB(A) · refrigerant R32
- WiFi, Zigbee, Alexa and Google Assistant · CO_2 sensor optional
- Office, shop, restaurant, villa, clinic, nursery



AirGo

Single-room ventilation with the same ceramic heat exchanger as AirPro, in a simple version for volume projects: social housing, rentals, holiday homes and renovation of apartment blocks.

- Up to 60 m³/h · up to 97 % heat recovery
- 18.9–28.7 dB(A) · 4.7–6.5 W
- Ø158 mm · wall thickness 240–500 mm · coarse filter, F7 optional
- 3 speeds · CE, ErP, RoHS

Contact

Talk to us at the stand

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Installer or dealer?

Become a partner and get partner prices on the whole range.

- No minimum order, no set-up fee
- Demo unit at a reduced price
- Volume discount on half and full pallets
- Exclusivity possible once a certain volume of AirPro has been purchased

Write to kontakt@dinventilation.dk

Consultants and housing associations

We help with airflow calculations per room, datasheets and documentation for the project.





