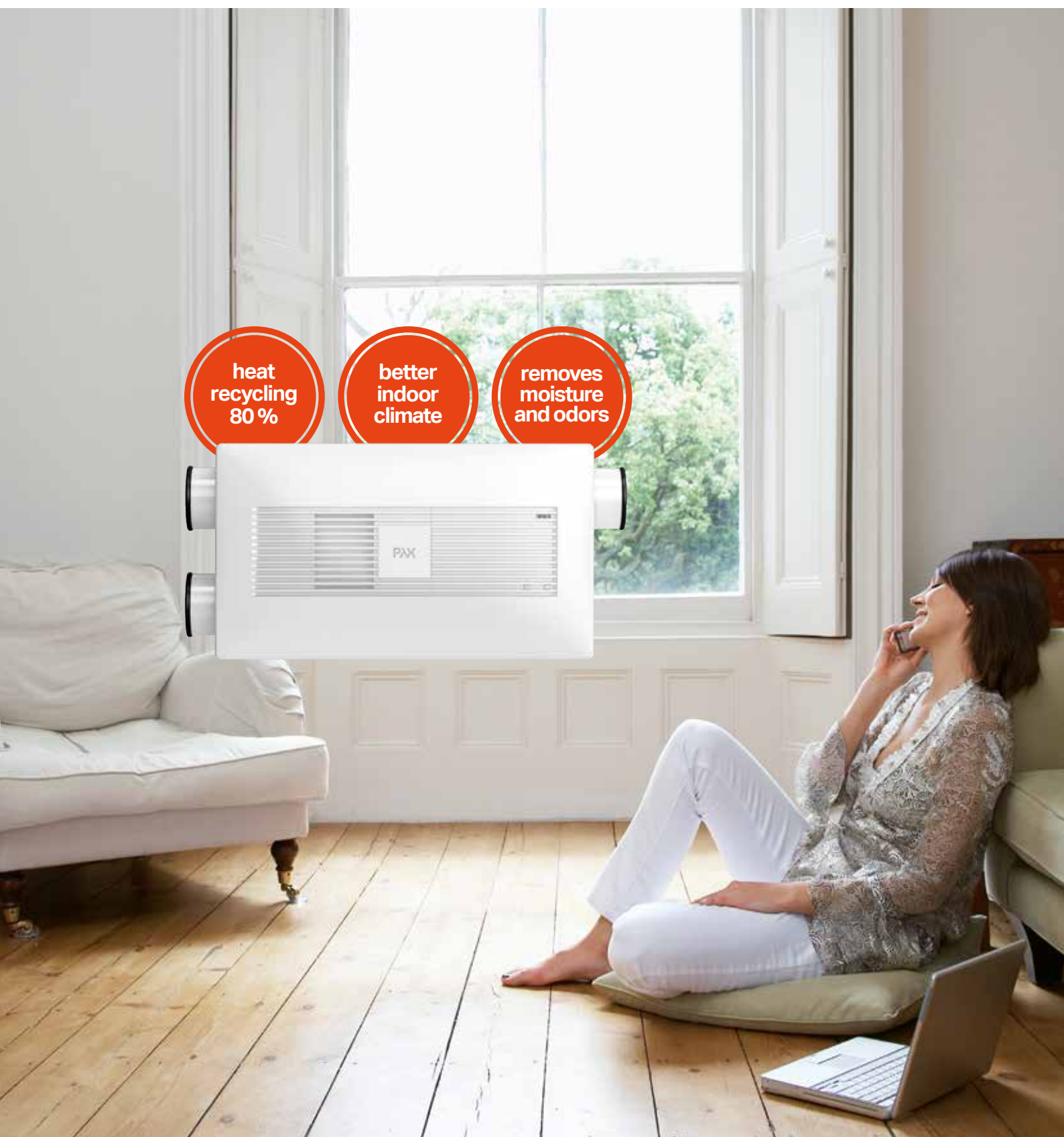


PAX[®]

Pax Eos replaces the air and retains the heat

Ventilation with heat recovery



heat
recycling
80 %

better
indoor
climate

removes
moisture
and odors



One single Eos makes a big difference

The ventilation unit, Pax Eos, is developed for easy installation in both old and new houses.

Eos does not just remove stale air, it also brings in new, fresh air from outside. As Eos removes stale air from a room (the bathroom, for example) it brings new, fresh air into another room (a bedroom, for example).

Pax Eos has many automatic functions that work together to consistently provide optimal ventilation. Eos works continuously, but never unnecessarily. It replaces the air and recovers the heat of the house and therefore saves energy.

The unit is approved for use in wet rooms, and there is a complete series of installation accessories to make the installation simple and attractive.

Two million houses would have a better climate with Eos.

Relatively new houses often have a central ventilation system, but a considerable number of existing houses rely on natural ventilation. This means that the air is supposed to be replaced with the help of only vents and natural leaks/gaps in the structure of the buildings.

This often worked well in the past, but we live differently today. Modern houses lack natural air leakage and are fitted with additional insulation. Today's lifestyle includes spending more time indoors and more frequent showers.

Have you switched to a heat pump or district heating?

In recent years many house owners have replaced their old oil-fired boilers and installed better heating systems,

such as a geothermal heating system or district heating. The new heating systems have major advantages, but what many people don't know is that natural ventilation can deteriorate substantially when the old oil boilers are replaced.

The warm chimney acted as a "motor" in natural ventilation systems. If you remove the boiler, the chimney goes cold, which has a negative impact on the ventilation in the entire house. In contrast to what many people think, a normal air heat pump does not improve the ventilation in the house.

One single Eos makes a big difference.

If you live in a house built with natural ventilation, you should definitely take a closer look at Pax Eos. Start with one Eos to ventilate the upstairs bedroom and bathroom. In that way you and your family can breathe fresh ventilated air in the room where you spend one quarter of your life. Maybe the next Eos is installed to ventilate the laundry room, recreation room or office? Several Pax Eos can "cooperate" in the house, without disturbing each other.

Naturally, Eos also improves ventilation in apartments. Ask your landlord or landlady what ventilation your apartment currently has.

Adjustable airflow, for large and small houses.

All homes are different. That's why with Pax Eos, the airflow is adjustable in three fixed stages: 30, 52 or 78 m³/h.

Signs of poor ventilation

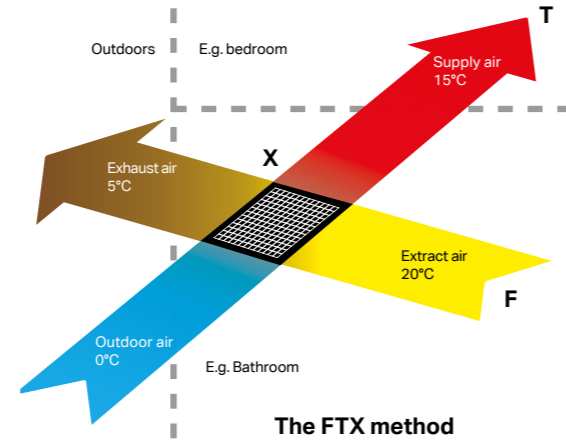
- 1. Your bathroom mirror remains steamed up for a long time after a bath or shower.**
- 2. Odours linger for a long time after use of the toilet.**
- 3. The bottom of your bedroom window is steamed up when you wake up in the morning.**
- 4. You wake up with a headache and the air quality feels poor in your bedroom.**
- 5. The house feels stuffy or smells unpleasant. (You can often get used to unpleasant odours and not notice them. Ask friends whether they can smell any odours in your home).**
- 6. Moisture in the attic is a sign that the ventilation of the living space is substandard.**

Pax Eos replaces the air and retains the heat

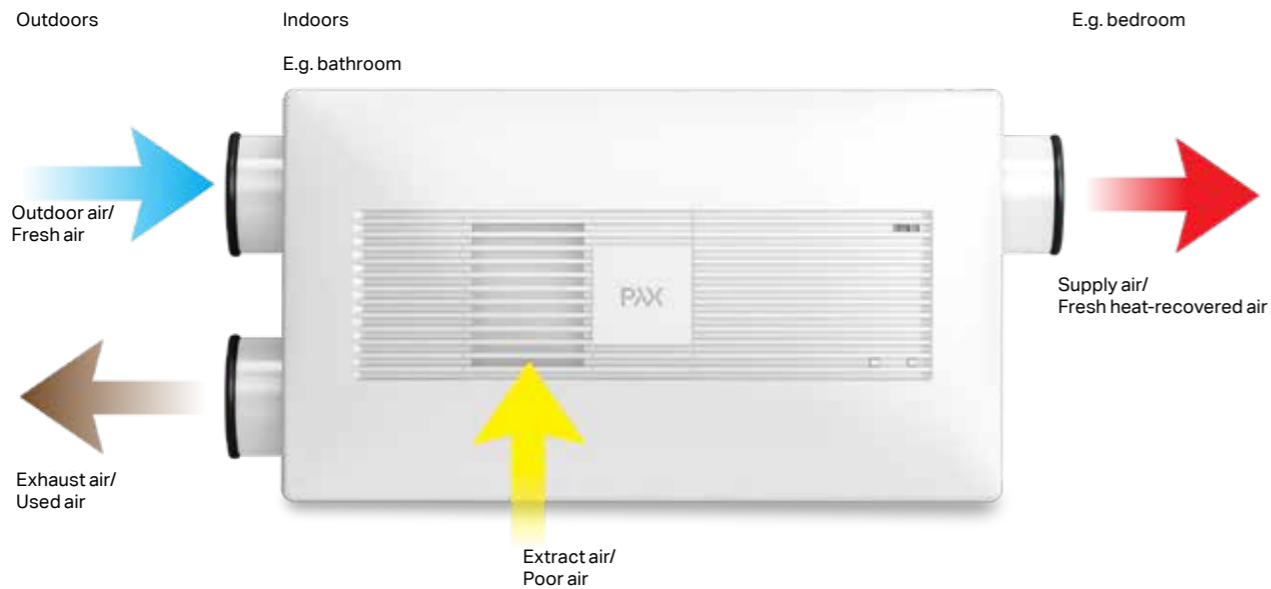
Moves air in both directions

Normal fans extract unwanted air from your indoor environment that you no longer want inside. At the same time, exhaust air valves and other leaks must let the corresponding amount of outdoor air into the house's "dry" rooms. With this method, the heat energy in the exhaust air is lost.

Eos is something completely different: a ventilation unit that regulates both incoming and outgoing air, and also recovers the house's own heat. Thanks to the unit's built-in automation, the outgoing and incoming air flow is balanced.



Pax Eos uses the heated exhaust air to heat the incoming fresh air.



Saves both heat and energy

Reuses the heat of the house

One of Eos great features is that it harnesses the heat of the house and reuses it, which is economical and creates a pleasant environment. This is how it works:

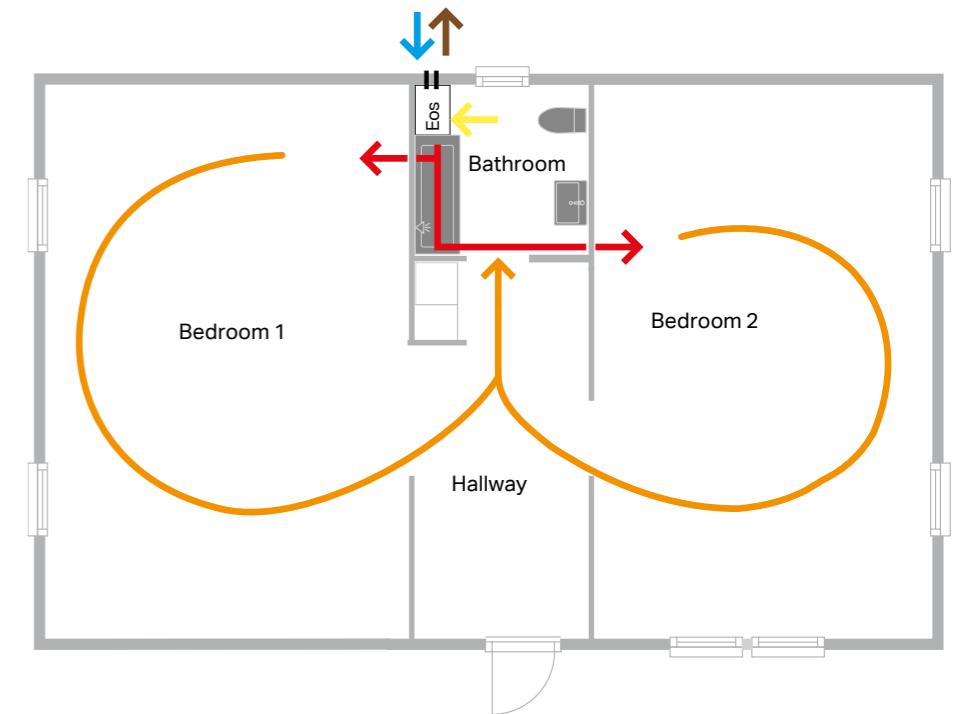
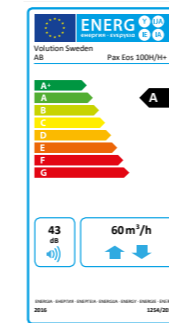
The heated air of the house is drawn into Eos. Before it is sent out, it is used to heat the incoming fresh air, so that most of it is already heated when it enters the building. The air is then transported to adjacent rooms and supplies them with fresh, heated air.

Eighty percent of the heating cost is reused

The efficiency of Eos is up to 80 percent, which means that 80 percent of what you spend on heating heats the house again and again. Pax Eos is therefore a wise investment, for both you and the environment.

Energy class A

Pax Eos has energy class A- a confirmation that the unit is both an environmentally friendly and very energy-efficient ventilation solution.



- Outdoor air entrance on facade. Fresh air in.
- Fresh heat-recovered supply air that's led in the channel to adjacent rooms.
- Extract air that's led into Pax Eos and retains the heat with 75-80 percent.
- Exhaust air exit on facade. Used air.
- Transferred air that transfers from room to room and back to the bathroom. *It's important that the transferred air can circulate even when the doors are closed.*

Simple and attractive installation

Several connection options

Pax Eos can be installed in a number of ways, ensuring that both ducting and electrical wiring can be installed as neatly as possible. The unit can be wall-mounted or ceiling-mounted.

When you switch on your new Eos, it automatically adjusts itself to the conditions in your house. During commissioning, no ventilation technician needs to be on site.





Smart solutions

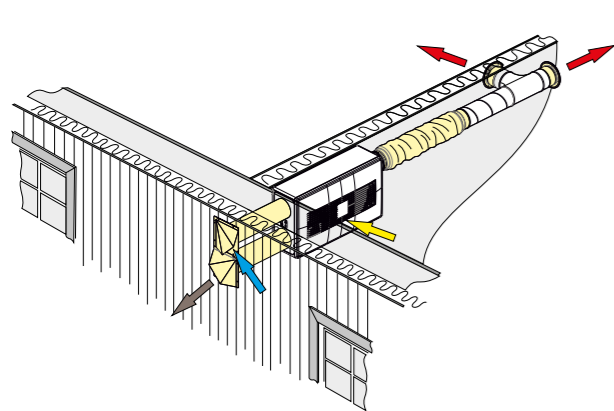
You can do most of the installation work yourself, or use the services of a professional for the entire installation. The unique mounting plate enables one person to manage the work unaided. To make the installation as simple and attractive as possible, the connections are adapted to standard spiral ducts with a diameter of 100 mm.

Important

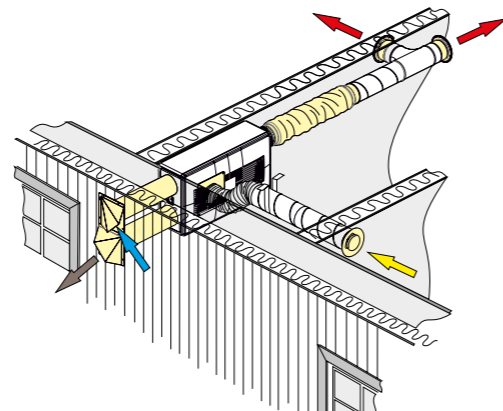
Before drilling holes in walls, you should be aware of the placement of the house's frame rules and any hidden pipes for water, electricity and heating.

Installation of ventilation with heat exchange normally requires a formal building registration.

-  Supply air
-  Outdoor air
-  Extract air
-  Exhaust air



Pax Eos basic mounting with the accessories external wall kit, silencer and two air supply vents.



Pax Eos basic mounting with exhaust air vent. Here, Eos is mounted in an adjacent room, and collects its exhaust air via an exhaust air valve in the bathroom, see the yellow arrow.

Pax Eos comes in two models

Two versions of Eos are available: Eos 100H+ and Eos 100H.

Eos 100H is for fixed installation, and 100H+ comes with cable and plug.

Thanks to the units preheating function, Eos can manage full air exchange down to an outdoor temperature of -20°C. In Eco-mode, the preheater works just as much as needed to prevent freezing in the exchanger. In Comfort-mode, the heater works instead to provide an even inflow of incoming air of at least 18°C. In Normal-mode, without active preheater, Eos has full air exchange down to an outdoor temperature of -15°C.

Automation that makes Eos intelligent

As you've already realised, Pax Eos is an intelligent little ventilation unit, with a moisture control function that automatically increases the airflow when you take a shower. When the moisture has disappeared, the flow returns to its preselected setting.

Pax Eos replenishes moisture in incoming air and makes the indoor climate much more comfortable. It is clearly noticeable in the winter when the indoor air is usually dry.

Changing the filter

To guarantee really high air quality and function, Eos has double filters. They are easy to change yourself, and you should change them once every six months – Eos will inform you when.

The standard filters can be bought via our distributors/retailers.

No condensate drainage

Eos needs no condensate drainage, because the intelligent operation of the unit regulates the airflows so that condensation does not occur. This enables the unit assembly to be performed in many alternative environments.



Looks after itself

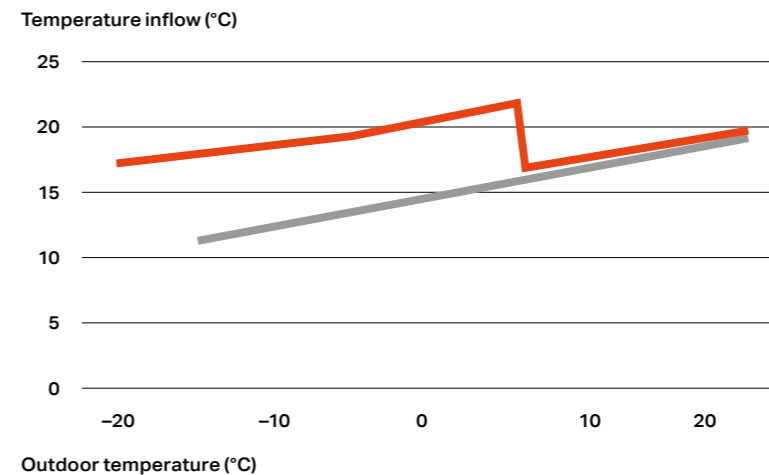
The settings on Eos rarely need adjusting. If an adjustment nonetheless becomes necessary, it can easily be made using the remote control that comes with the unit.

Pax Eos is a robust construction, built to withstand cold climates. It has been tested by TÜV and is certified for the S-Mark by Intertek Semko.

It is double-insulated and has an IP rating of IP24. It has an EC motor, in other words, a brushless DC electric motor that is incredibly reliable.

Supply air temperatures for the different flows at different outdoor temperatures.

-  Eos in Comfort-mode
-  Eos in Normal-mode



The curves are based on an indoor temperature of about +21 °C.

Eos accessories

Complete accessory package

Pax Eos has a complete package of accessories that you can find at our retailers. The package includes two air supply vents, one exhaust air vent, exhaust air kit, silencer and one Pax Eos external wall kit. If you want to supplement your installation, each part is also available for purchase separately.



Pax Eos accessory package

Art no 8404-1



Air supply vent Ø100 steel

Art no 2907-1



Filter

Art no 8400-5



Exhaust air vent Ø100 steel

Art no 2907-3



Pax Eos external wall kit

Art no 8403-1



Exhaust air kit

Art no 8404-0



Silencer

Art no 8903-1



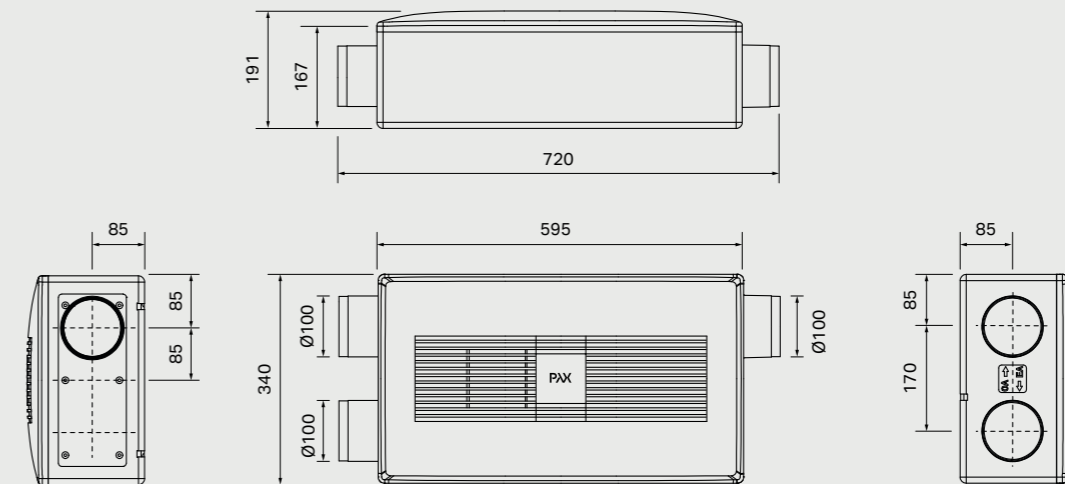
Technical specifications

Modell	Pax Eos 100H		Pax Eos 100H+ **	
Article number	1110-2		1110-3	
EAN	7391477111027		7391477111034	
Speed	Low	Medium	High	Humidity
Free blowing capacity [m³/h]	30	52	78	90 *
Free blowing capacity [l/s]	8,3	14,4	21,7	25 *
Power consumption [W]	3,5	8	18	25
The heater's max. power with surrounding atmosphere at -20°C [W]	< 375	< 375	375	-
Sound pressure level [dB(A) 3 m]	19	22	29	35
Efficiency [%]	80	78	75	-
Leakage [%]	5			
Voltage/Frequency	230V AC 50Hz			
Motor type	EC motor			
Sealing class	IP24			
Isolation class	Class II (earthing not required)			
Certificate	S - Intertek			
Other markings	CE			
Energy class	A			
Temperature for mounting environment	Lowest+ 5 °C / Highest+ 35 °C			
Filters	Outdoor air: G4 / Extract air: G4			
Filter maintenance	Default 180 dgr (selectable 90, 180, 270, 365)			
Duct connection [mm]	Ø100			
Installation type	Wall/ceiling			
Self-adjusting	Automatic balancing between exhaust and supply air via damper			
Electrical installation **	Authorized installer			
Remote control	Included			
Weight of the unit [kg]	9,5			

* Only exhaust air

** Eos 100H+ is a do-it-yourself model with cable and plug

You'll find more information at paxsweden.com



Stated dimensions may vary. Never drill holes in the wall without first checking the dimensions of your product. Pax accepts no liability for holes that have been drilled without following the installation instructions.

Pax – innovative every day since 1945

After the Second World War, the world was reset. It went from suffering and ruin to peace and hope for the future. Sweden put all its energy into growth and development, a situation that was perfect for inventor and entrepreneur Folke Andersson from Eskilstuna. The same year the war ended, he founded Pax and started producing extractor fans for kitchens. The meaning of the company's name is far from coincidental: Pax is the Latin word for "peace".

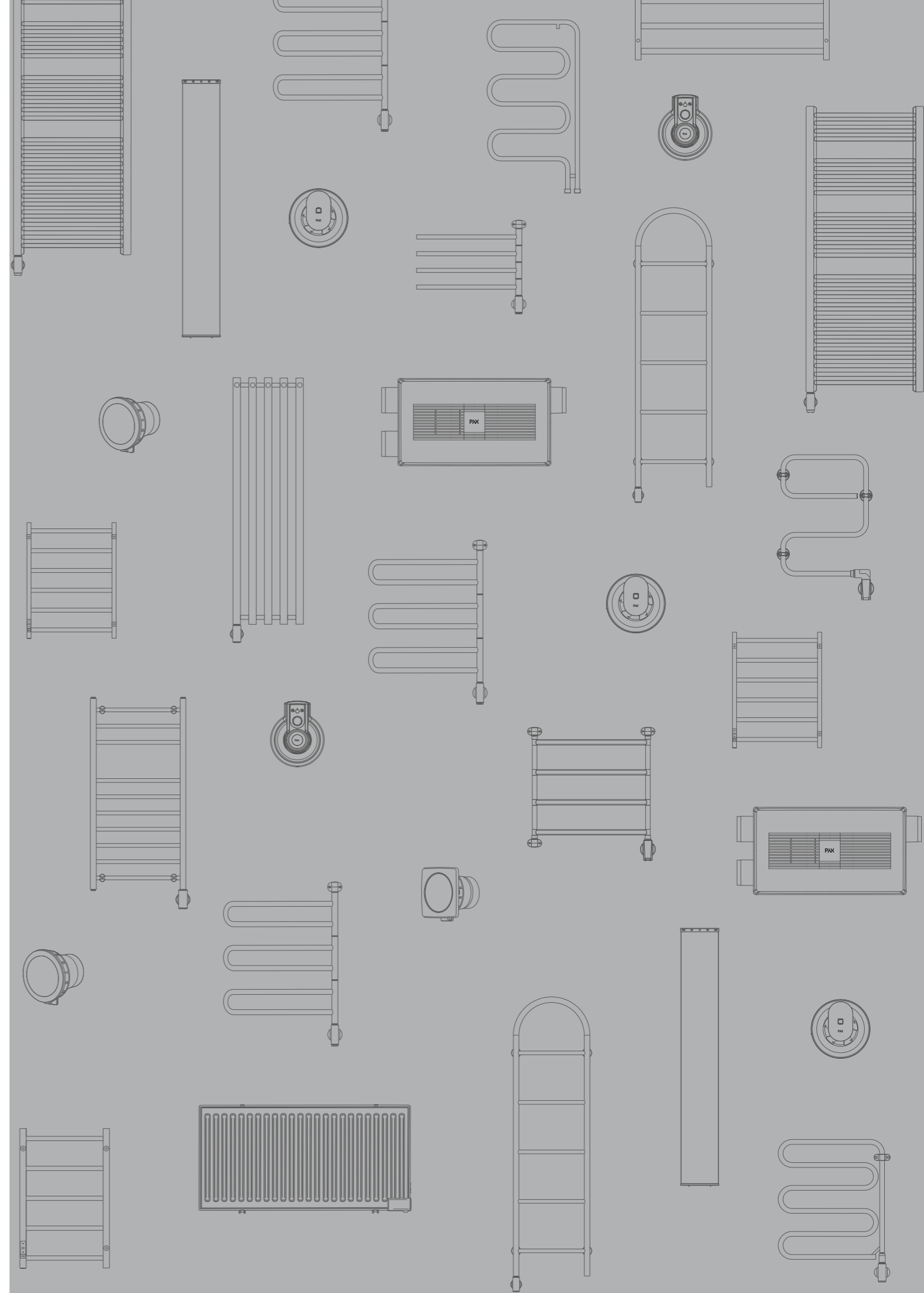
Wealth continued to grow in Sweden, and people developed new habits. People started showering, for example, and taking long, frequent baths. Natural bathroom ventilation was no longer enough. Folke Andersson, who had by then moved offices and production to the town of Hälleforsnäs

in Sörmland, saw a solution, and Pax launched Sweden's first extractor fan made and approved for wet rooms.

Every year, Pax sells almost 100,000 wet room fans. Since Folke Andersson founded the company, around three million Pax fans have been sold, contributing to better air in the home.

In 2013, Pax was acquired by Volution Holdings, and is today part of the publicly-listed Volution Group Plc, a leading supplier of ventilation products with main markets in the UK and Northern Europe.

Every day, we endeavour to continue Folke Andersson's innovation. Our range now includes a full breadth of heat and ventilation products which all contribute to a sustainable, modern and healthy environment at home.



For a better environment at home