



**SAVE ENERGY
IN WINTER WITH YOUR
WOOD-BURNING STOVE**

**WIN UP
TO 24%**
WITH OUR CEILING
FANS **EXHALE** USING
VORTEX EFFECT



DESTRATIFICATION THE SECRET TO LESS CONSUMPTION



During the heating period in winter, the destratification brought about by the by our ceiling fans leads to energy savings of up to 3% per metre of ceiling height (1).

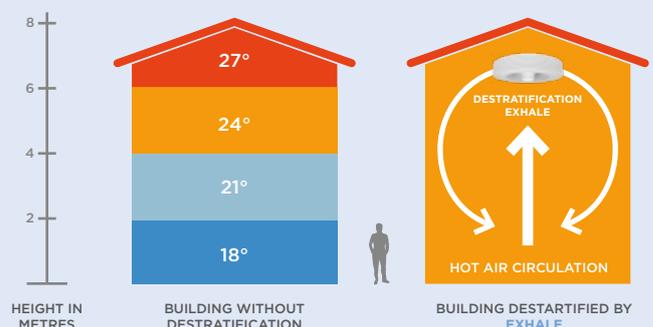
A study made by public french energy provider (EDF) shows that energy consumption can be reduced by up to 30% in energy consumption in high-rise premises (2). Thus, with ceiling heights ranging from 2.50 m to 8 m in the case of cathedral ceilings, **the energy savings can be as high as 7.5% to 24%.**

Highly **appreciated while operating**, the Exhale vortex ceiling fan **distributes the air from all directions**, evening out the temperature. It gives a feeling of well-being by by avoiding the sensation of draughts.

With consumption of only 4W in destratification, it is **very energy efficient.**

Even when running 24/7 it will only consume 0.5€ of electricity (3) per month...

The combination of a wood-burning stove and a Exhale ceiling fan is therefore ideal: **it softens the heat near the stove and the mezzanine (if applicable), allowing real energy savings.**



In a heated space, heat rises to the top (up to 9°C difference between floor and ceiling). The air fan distributes the heat evenly over the entire height of the room. The temperature becomes more pleasant. The heating intensity is reduced with the same level of comfort.

Sources: (1) Circulating fans for summer and winter comfort and indoor energy efficiency, Richard Aynsley
 (2) EDF R&D study, <https://www.edf.fr/entreprises/le-mag/le-mag-entreprises/conseils-energie-competitivite/pourquoi-s-equiper-d-un-destratificateur-d-air>
 (3) At Speed 2, the Exhale fan consumes 4W/h i.e. 0,004Wx0,1740€ x 24hx365Days = 0,51€ / month



3 PATENTS INSPIRED BY AIRCRAFT TURBINES

The design of the Exhale fan is inspired by aircraft turbines and is subject of 3 patents*. It is the only one to create a vortex effect by sucking the air from below and sending it back at 360 degrees. The vortex effect gradually intensifies the air flow and stabilises the temperature of the room while ventilating the room. * *Laminar Flow Radial Fan, US Patents No: D652133S; D676543S; 10352325- 10352 - 325 B2*

EXHALE REINVENTS DESTRATIFICATION

The multidirectional flow **reinvents destratification**, making ventilation effective ventilation throughout the room. It provides an **exceptional feeling** of well-being to all its occupants, even with high ceilings.

A DESIGN THAT IMPROVES COMFORT AND AND REDUCES ENERGY CONSUMPTION

In summer comfort, without the need for air conditioning, the fan reduces the temperature felt by up to 3 degrees thanks to better evapotranspiration. If air conditioning is used, it distributes the coolness better and thus limits energy consumption.

In winter comfort, at low speed, it evens out the air in the room and brings the heat back to the occupants. Heating costs are thus reduced.

A DESTRATIFYING EFFECT APPRECIATED BY OUR USERS

All the comments are available on Facebook and Google reviews (63/63 5-star reviews).

For two years the temperature in my house has been a problem, because the ceiling height is 5.5 metres. The temperature difference between floor and ceiling was often close to 3 to 4°C. Since the installation of the Exhale fans, the temperature difference has been reduced to between 0 and 0.5°C at speed 2. This gives a completely new living experience with a high ceiling.

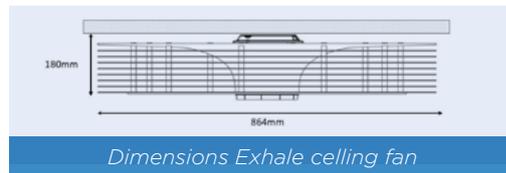
Tro T, Norway, January 2022

Very satisfied with this revolutionary and very efficient destratifier. efficient. At last, the temperatures in my four-metre-high living room are homogeneous!

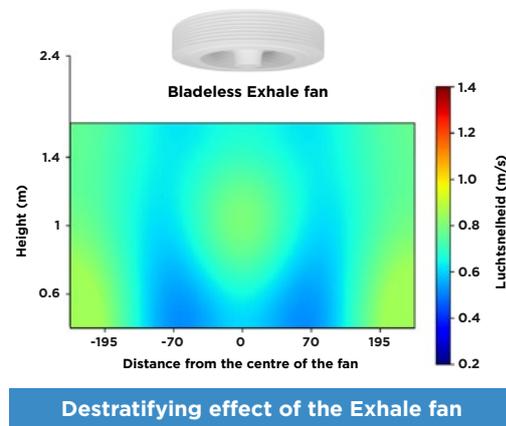
Pierre G, France, March 2022

Absolutely brilliant! This fan distributes the air and regulates the room temperature. In the summer it is cooler throughout the room and in the winter the warm air is the same everywhere. In addition, you save energy savings. What more do you want?

Roselyne C, France, January 2022



Dimensions Exhale ceiling fan



Destratifying effect of the Exhale fan

Dealer:

Exhale EUROPE - FREERISE

La Noria, 806 route d'Antibes
06410 BIOT, France
+33 (0)4 92 38 96 50
contact@exhale-europe.com
www.exhale-fans.com/pro

We work with:



TECHNICAL FEATURES

Dimensions: Height 18 cm - Diameter 86.4 cm

Weight: 11,4 kg

Colour: white

Operation: 6 speeds, from 120 to 312 rpm

Noise level: from 27 dB to 40 dB

Airflow volume: 6 900 m³/h

Warranty: lifetime fan, 5 years motor

Power: from 4 W (speed 1) to 50 W (speed 6)

Energy efficiency: 138 m³/Wh at speed 6

Input power: 220 V; 50 Hz; 1,5 mm²

LED option:

Warm light 3000K (WARM) - 1050 lm
Power 15 W, dimming 20 to 100%.

REMOTE CONTROLS RADIO FREQUENCY

Remote control Standard



Remote control radio frequency wall mounting with timer (option)



- All remote controls can be configured to control up to 7 fans
- 2 remote controls possible per fan
- Can be linked to a light switch possible (storage of last selected speed)