

Single room ventilators

Balanced ventilation with heat recovery in parts of your home and in individual rooms



Save energy, prevent cold draughts and achieve a good indoor climate

Flexit single room ventilators provide balanced ventilation in individual rooms. Balanced ventilation is the most efficient and energy-saving ventilation solution for homes. Not everyone has the option of installing a complete ventilation system for their home, with all the ducts and units involved. In such cases, a single room ventilator from Flexit is an ideal alternative. Single room ventilators can easily be installed in the wall, in the same way as a bathroom fan or air vent.

Flexit single room ventilators can be installed singly, in pairs or in series, depending on the model. A modern control system makes it simple to regulate one or more single room ventilators. Suitable rooms for such ventilators include living rooms, bedrooms, offices, kitchens, storerooms and garages – in both permanent homes and cabins.



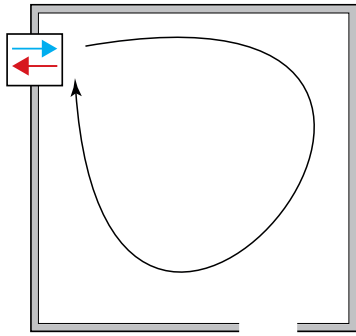
Flexit single room ventilators are available in several different designs and in both white and black. Easily controlled via app or remote control.

Areas of application for single room ventilators

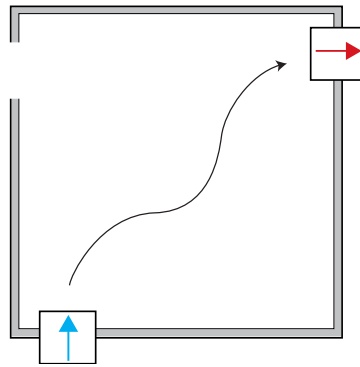
Different rooms in a home are used in different ways, and therefore need different amounts of ventilation. Large rooms need more ventilation than small ones, and rooms where more people gather together also need additional ventilation. If you need more fresh air in a room than can be provided by one single room ventilator, you can install two or more. Installing single room ventilators in pairs provides greater capacity and better air circulation.

Outline diagram for air exchange

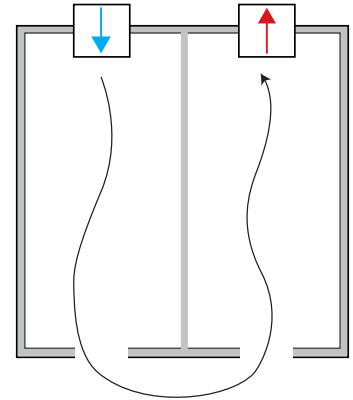
Movement of air in the room when using one or two single room ventilators.



1 x Roomie Dual single room ventilator provides continuous balanced ventilation for a room of up to approx. 20 m²*



2 x Roomie One or Aura One single room ventilators provide continuous balanced ventilation for a room of up to approx. 30 m² .



2 x Roomie One or Aura One single room ventilators provides continuous balanced ventilation for two rooms totalling up to approx. 30 m²*

* Room sizes stated are a recommendation to provide optimal ventilation and a good indoor climate.

In rooms where many people gather together, single room ventilators are particularly ideal thanks to their multiple speed settings, which allow you to increase ventilation when needed. Single room ventilators are also beneficial in buildings with elevated radon levels, as the balanced ventilation helps to reduce the level of radon. You can read more about radon mitigation on our website.

Flexit single room ventilators can be controlled in various ways. Most can be controlled by app, and all have an internal control panel, in addition to remote control.

If you are looking for balanced ventilation with heat recovery in all or large areas of your home, consider our complete ventilation system, FTX. You can find out more about balanced ventilation on our website, www.flexit.com

Advantages of single room ventilators

- Provide balanced ventilation
- Supply the room with clean, filtered air
- Recover up to 95% of the heat
- Dedicated app makes it easy to adjust the ventilation
- Easy to install





Black
single room
ventilators

Interior

Today, we expect our installations to look good in the home. A black single room ventilator from Flexit adds that little extra something for you and your home. Roomie V2 and Aura One are also available with black internal parts. Black details add subtle contrasts to the design of a room – the perfect finishing touch.



Exterior

Roomie One WiFi V2 and Roomie Dual WiFi V2 ventilators are supplied with a metal exterior cover in grey. Roomie Dual is supplied with a metal exterior cover in white. Aura One WiFi is supplied with a plastic exterior cover in white.



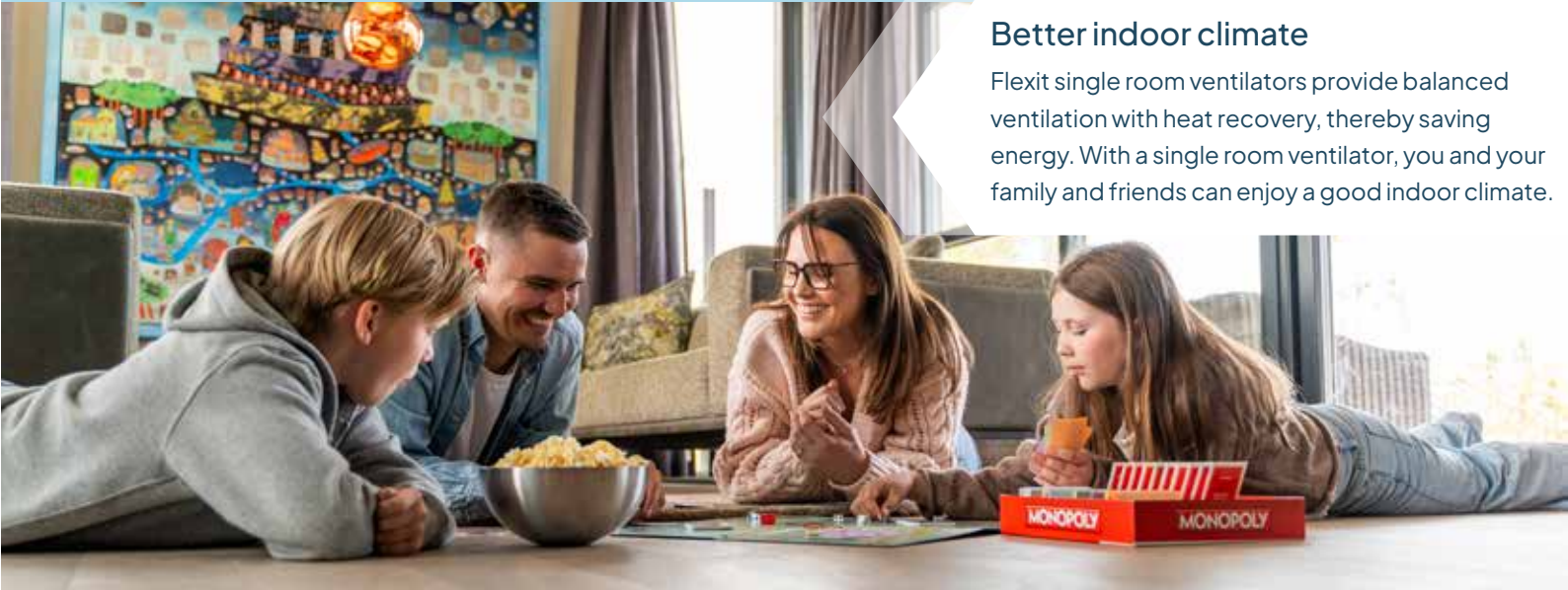
Tips and advice for different room types

Bedrooms

To get a good night's sleep, it is important to have clean, fresh air in your bedroom. Roomie Dual is recommended for use in bedrooms as it ensures balanced supply air and extract air – i.e. the same amount of air coming in as going out. Please be aware that the single room ventilators do make some noise, and everyone perceives such noise differently. If the ventilator is running at a low speed, the noise level will be lower. Timer functions allow you to adjust operation as needed.

Better indoor climate

Flexit single room ventilators provide balanced ventilation with heat recovery, thereby saving energy. With a single room ventilator, you and your family and friends can enjoy a good indoor climate.



Living rooms

The amount of ventilation required generally depends on the number of people using a room. It is best to build in a little extra capacity. Two single room ventilators positioned at each end of the room will provide the best result, with better air circulation and airflow than using just one. If you are installing a pair of ventilators, Roomie One WiFi V2 is recommended. It is best to base your calculations on the single room ventilators running at medium speed. This results in a lower noise level during normal operations, and also gives you extra capacity if you need to increase ventilation.

Kitchens

It is important to prevent food odours spreading to other rooms. Roomie Dual is recommended for use in kitchens as it ensures balanced supply air and extract air – i.e. the same amount of air coming in as going out.

NB: A separate cooker hood is needed to remove cooking odours.

Basements and storerooms

In storage rooms with consistent ventilation needs, you can plan to run the single room ventilator(s) at high speed.

Garages

It is best to base your calculations on the single room ventilators running at medium speed. You then have the option of turning them up to high speed when there is a need for additional ventilation, e.g. to remove exhaust gases and moisture after using vehicles in wet and snowy conditions. A timer function and a humidity sensor allow you to adjust operation as needed.

Summer houses, cabins and outbuildings

Flexit single room ventilators are ideal for summer houses, cabins and outbuildings.

They are also perfect for home offices and gaming rooms.

Prevent moisture from building up in the basement

Without good ventilation, the indoor climate can become poor, with stuffy and polluted air, as well as harmful moisture.



Choose between five different single room ventilators



	Roomie Dual			Roomie Dual WiFi V2			Roomie One WiFi V2			Aura One WiFi Ø100			Aura One WiFi Ø160		
	Balanced ventilation with heat recovery. White external cover.			Balanced ventilation with heat recovery. Integrated Wi-Fi for communication between multiple units and with the app. Grey external cover.			Balanced ventilation with heat recovery. For installation in pairs in large rooms.** Integrated Wi-Fi for communication between multiple units and with the app. Grey external cover.			Balanced ventilation with heat recovery. For installation in pairs in large rooms.** Integrated Wi-Fi for communication between multiple units and with the app. White external cover.			Balanced ventilation with heat recovery. For installation in pairs in large rooms.** Integrated Wi-Fi for communication between multiple units and with the app. White external cover.		
Flexit product no.	115999			White 120880 Black 120879			White 120877 Black 120878			White 121394 Black 121395			White 121396 Black 121397		
Size of room (approx.)***	≤ 20 m ²			≤ 20 m ²			20 – 30 m ² **			10 – 15 m ² **			20 – 30 m ² **		
Option to connect external sensor	Yes			Yes			Yes			Yes			Yes		
Wi-Fi/app control	No			Yes			Yes			Yes			Yes		
Remote control	Yes			Yes			Yes			Yes			Yes		
Control panel	Yes			Yes			Yes			Yes			Yes		
Wireless connection of multiple units	No			Yes			Yes			Yes			Yes		
Wired connection of multiple units	Yes			Yes (Optional)			Yes (Optional)			Yes (Optional)			Yes (Optional)		
With fitted cable and socket	Yes			Yes			Yes			No			No		
Speed	I	II	III	I	II	III	I	II	III	I	II	III	I	II	III
Airflow with heat recovery, m ³ /h	10	20	30	10	20	30	15 **	30 **	50 **	8 **	16 **	26 **	15 **	30 **	50 **
Sound pressure, Lp(A) 3 m dB *	17	29	38	17	29	38	12	23	34	13	16	23	15	26	32
Sound power, Lw(A) dB *	34	46	55	34	46	55	29	40	51	30	33	40	32	43	49
Sound reduction, Dn,e,w(C;Ctr) *	42 (-1;-3)			42 (-1;-3)			41 (-1;-3)			40 (-1;-3)			40 (-1;-3)		
Energy consumption, W *	2,2	3,7	6,6	2,2	3,7	6,6	5,0	6,0	8,5	1,0	1,6	3,0	1,7	3,0	4,3
Filter	G3			G3			G3			G3			G3		
Option for pollen filter	No			No			Yes			No			Yes		
Protection type	IP 24			IP 24			IP 24			IP 24			IP 24		
Operating temperature	-15°C to +40° C			-15°C to +40° C			-20°C to +40° C			-15°C to +40° C			-20°C to +40° C		
Wall thickness, mm	280 – 500			280 – 500			307 – 500			155 – 500			240 – 500		
Diameter of wall penetration	Ø160			Ø160			Ø160			Ø100			Ø160		
Cover for thin walls (accessory)	No			No			Yes			No			Yes		

* Per unit

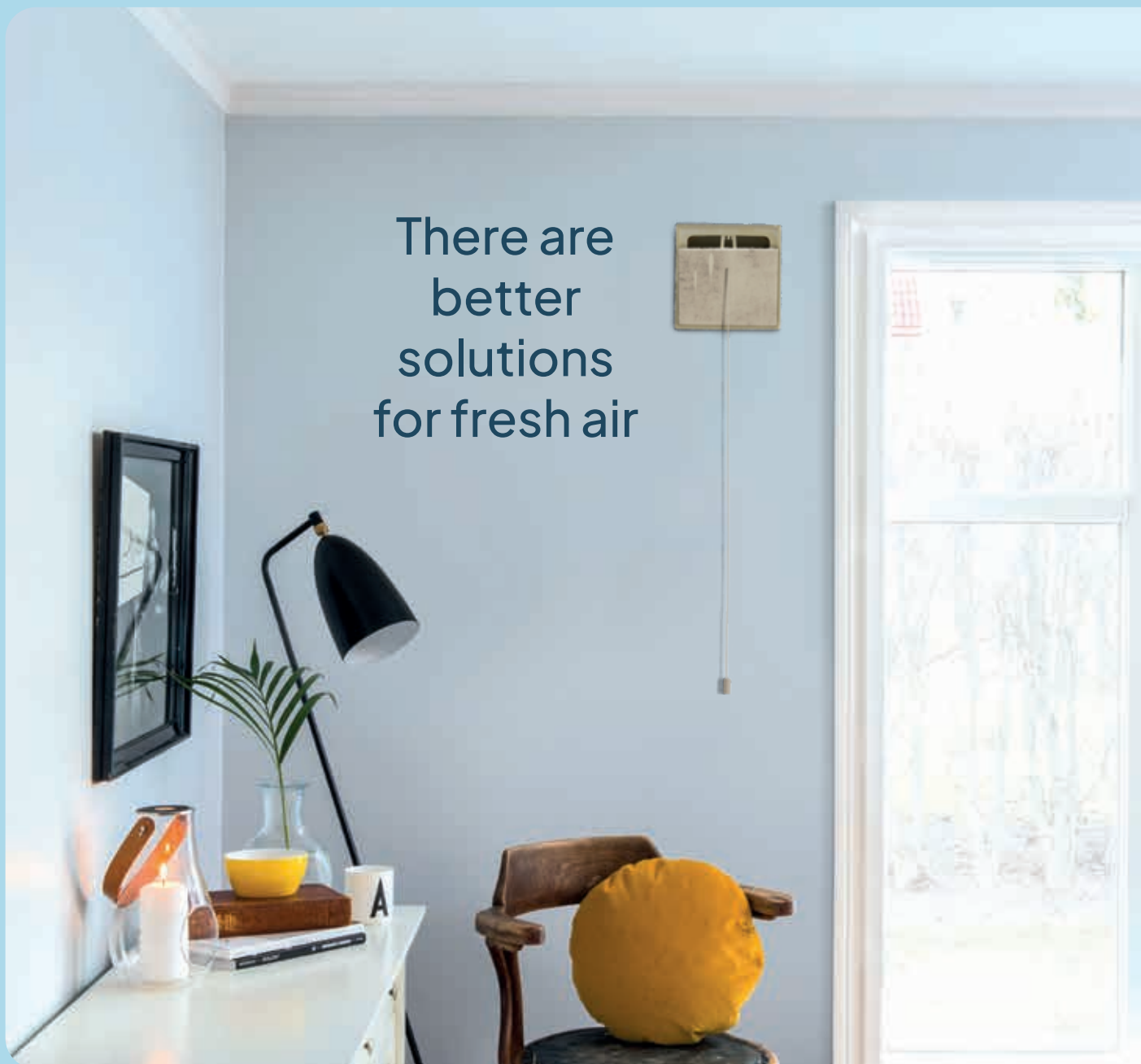
** Stated value is for installation of two single room ventilators

*** Stated room size is a recommendation. If a lower level of air exchange is sufficient, the single room ventilator can cover a larger area

We recommend choosing a solution that can exchange approximately half the air in the room per hour at medium speed. This provides a good indoor climate, and also gives you the option of increasing the ventilation when needed, such as when there are many people in the room or if there is increased humidity or odours. Please note that running the system at high speed increases the noise level.

Single room ventilators in combination with existing ventilation solutions

Before you install a single room ventilator, you need to know what type of ventilation you already have. Flexit single room ventilators provide an excellent upgrade for existing homes with poor or no ventilation systems. Single room ventilators supply clean, filtered air at the appropriate temperature while ensuring heat recovery. Older solutions, such as natural ventilation or fresh-air systems, can result in high heat loss, cold draughts and unfiltered supply air. Installing single room ventilators therefore provides a considerable improvement compared with such legacy systems.



Flexit supplies solutions for a better indoor climate. Flexit is a market leader in residential ventilation and has provided ventilation solutions to homes since 1974. Our solutions are specially designed to improve the indoor climate in homes, in a demanding conditions. So you can rest easy!

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