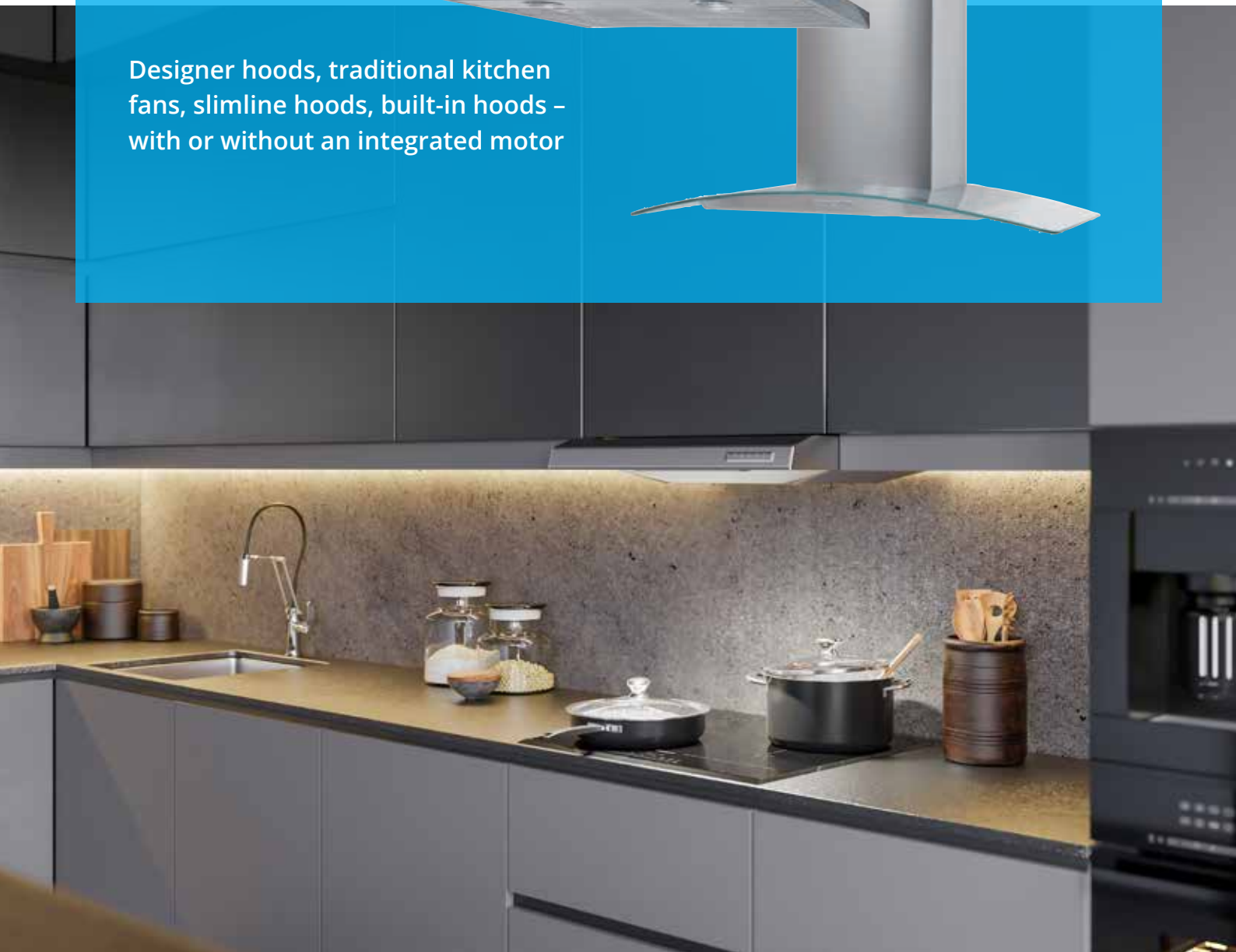


# Flexit kitchen ventilation

Designer hoods, traditional kitchen fans, slimline hoods, built-in hoods – with or without an integrated motor



# Good air quality in the kitchen is important

for pleasant air quality throughout the house



Good air quality in the kitchen is important for the air quality all through the house. For best results, therefore, the ventilation in the kitchen should be regarded as part of the total ventilation solution. Food odours should preferably not be spread to other rooms.



Flexit supplies quality extractor hoods for different kitchen arrangements. They all have high capacity and operate reliably.

## Better indoor climate

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We spend more and more time indoors. In fact 90 per cent of the hours of the day.

A good, healthy indoor climate is vital if we are to function optimally in our daily lives. If the indoor climate is poor, there is a risk of dangerous respiratory diseases and other health problems, and in the longer term a poorer quality of life.

Many people suffer from respiratory diseases, which are often caused by poor indoor ventilation.

That is why Flexit has developed healthy, energy-efficient solutions for the whole house.

## Good air quality in the kitchen is important for pleasant air quality throughout the house

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Good air quality in the kitchen is important for pleasant air quality throughout the house. For this reason, for good results the kitchen ventilation must be looked at in the light of the home's total ventilation system. Food odours should preferably not be noticed in other rooms. Whichever kitchen fan you choose, it needs to have an adequate air supply. A fan cannot extract more air than it brings in. The available air in a home is often less than the maximum capacity of a kitchen fan. This is when you feel you need to open doors or windows to remove food odours.

Supply air is therefore important for the kitchen extraction system, and for the solution, as this varies according to the ventilation system you have.

Flexit supplies quality extractor hoods for different kitchen arrangements. They all have high capacity and operate reliably.

Choose from traditional kitchen hoods, designer hoods, slimline hoods or built-in hoods.



Traditional kitchen hoods



Designer hoods



Built-in hoods



Slimline hoods



### Kitchen fans with an integrated motor

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Kitchen fans with an integrated motor have high capacity and require a corresponding supply air flow rate for optimum air extraction.

In homes with balanced ventilation, the need for supply air may be partly compensated for with a pressure sensor installed in the extract air duct, which sends a signal to the ventilation unit to increase the supply air flow rate when the kitchen fan is being used.

On account of the kitchen fans' extract air capacity, however, additional air supply may be needed, for example by opening windows.

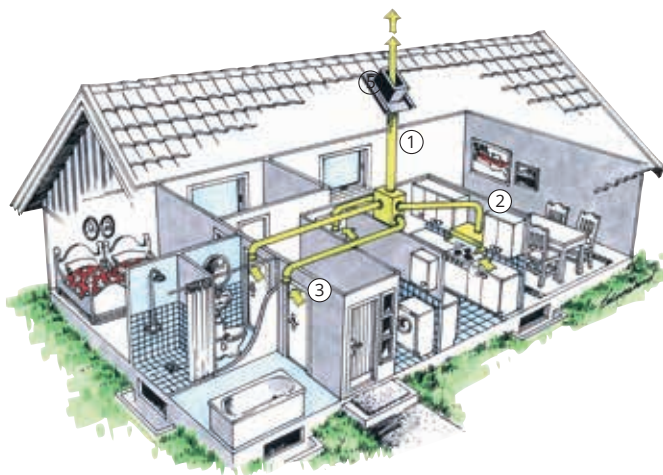
## Cooker hood for external extract air fan

Central ventilation is a common ventilation system. Extract air fans are often installed in the loft or in a top cupboard in the kitchen. The extract air fan is directly connected to the kitchen hood, where you control extraction from both the kitchen hood and the wet room.

Flexit has a range of cooker hoods designed for external extract air fans. The speed switch on the cooker hood controls the fan motor in the extract air fan. As the fan is not located in the cooker hood itself, the extract air noise emitted is low. Flexit's extract air fans permit effective air extraction from the kitchen. In addition, air is extracted from wet rooms, bathrooms and toilets. The fans have high capacity and can cope with long ducts.

When someone is showering or similar, the fan speed increases, while the damper in the cooker hood is kept closed. The damper is designed so that there is always basic ventilation of around 35 m<sup>3</sup>/h when it is closed.

The fan speed needs to be increased to the desired level and the damper in the cooker hood opened during cooking. All models are supplied complete with cables and plugs for connection to 230 V, and with a 1.5 m cable with a special connector for control current to the extract air fan. To guarantee adequate ventilation, fresh air needs to be supplied from outside through wall valves or windows in bedrooms and living rooms.



Example of an extract air fan ① installed in the loft used to extract air from the kitchen ②, bathroom ③ and toilet ④. The extract air flows to a roof cowl ⑤ above the roof.

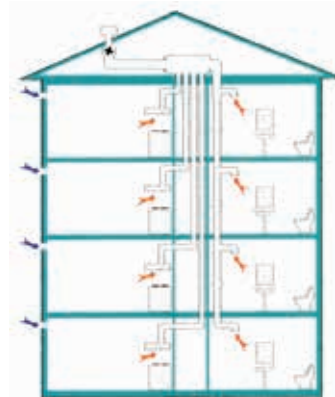
## Cooker hoods for central ventilation in blocks of flats

Flats are often connected to a shared air extraction system. One fan deals with the extract air from all the flats. Each flat has a cooker hood with a damper to open up the continuous extraction to the duct.

Flexit has cooker hoods for central ventilation systems in blocks of flats. As the fan is not located in the cooker hood itself, the extract air noise emitted is low.

All hoods are supplied with cables and plugs for connection to the 230 V supply.

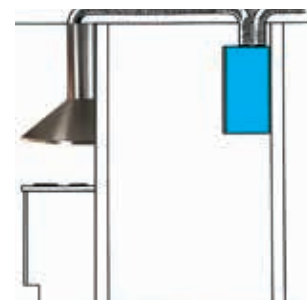
The central unit extracts air through the cooker hood. Fresh air is supplied through valves or windows. Flexit has fans for central ventilation in blocks of flats. The fan series is called DVA and has capacity from 300 to 14,000 m<sup>3</sup>/h.



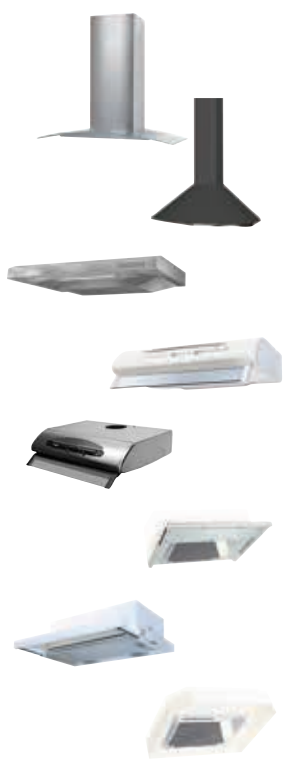
## Cooker hoods for connection to ventilation units

A modern balanced ventilation system has its own supply air points that are connected to the ventilation unit. It is also possible to connect a cooker hood directly to the ventilation unit. The unit ensures both balanced ventilation in the home and air extraction from the kitchen fan when needed. The extract air duct from the cooker hood is connected directly to the ventilation unit. Electrical connection to the unit is easily arranged with a control cable (light current). During cooking, the damper in the cooker hood is opened, controlled by a timer, and the speed of the unit is increased. The extract air from the cooker hood bypasses the rotor exchanger and flows out through the unit's extract air duct to a roof cowl or external wall cowl. A higher volume of supply air flows into the building at the same time to compensate for the higher extract air flow rate.

The cooker hood has a damper solution in which basic ventilation and forced ventilation can be adjusted to the desired air flow rate. Suitable for the Flexit ventilation unit in the Nordic and UNI series.



## Kitchen fans with an integrated motor




	Article number	Air flow rate	Sound pressure	Odour removal capacity*	Light	Cupboard depth
Vision-M 90 cm Vision-M 60 cm	110605 110606	36 - 169 l/s	31 - 67 db(A)	98%	LED 2 x 2 W	
Elegant-M, white Elegant-M, black Elegant-M, RF	110612 110611 110610	38 - 182 l/s	35 - 67 db(A)	98%	LED 2 x 2 W	
Facet-M, white Facet-M, RF	118693 118694	29 - 92 l/s	38 - 64 db(A)	98%	LED 6.5 W	
Gourmet-MW	13630	47 - 64 l/s	60 - 68 db(A)		Incandescent bulbs 2 x 40 W E14	
Gourmet-MS	13631	47 - 64 l/s	60 - 68 db(A)		LED 2 x 4 W E14	
Fondue-M	13655	52 - 94 l/s	46 - 58 db(A)	98%	Compact fluorescent tube 11 W G23	Min. 31.5 cm
Menu-M	13645	42 - 78 l/s	49 - 61 db(A)		LED 2 x 4 W E14	28 and 33 cm
Bistro-M	13627	52 - 94 l/s	46 - 58 db(A)	98%	Compact fluorescent tube 11 W G23	Min. 31.5 cm

\*Odour removal capacity in accordance with EN IEC 61591.

## Cooker hoods for external extract air fans

These kitchen hoods are designed for external extract air fans that are installed in a cupboard above a cooker or in the loft. The speed switch on the kitchen hood controls the fan motor in the extract air fan. As the fan is not located in the kitchen hood itself, the extract air noise emitted is low.



	Article number	Air flow rate	Sound pressure	Odour removal capacity*	Light	Adjustable damper, basic ventilation	Control principle	Cup-board depth
Facet-S, white Facet-S, RF	118691 118692	Depending on the duct system and separate fan. See Flexit's extract air fans.	Depend- ing on air flow rate.	75% at 50 l/s	LED 6.5W	Yes	Trans- former	
Bistro-S*	13625			75% at 54 l/s	Compact fluores- cent tube 11 W G23	Yes	Trans- former	Min. 31.5 cm
Tradition-S	13650			75% at 52 l/s	LED 2 x 2 W	Yes	Trans- former	Min. 28 cm

Transformer-controlled hoods can be used with Flexit's extract air fans (ULV - UKV - USV - USV-X).

\*Odour removal capacity in accordance with SS-EN 13141-3:2017. Tested at an installation height of 60 cm above the cooker.

## Cooker hoods for central ventilation

These cooker hoods are designed for central ventilation in flats in blocks of flats. As the fan is not located in the cooker hood itself, the extract air noise emitted is low.

	Article number	Air flow rate	Sound pressure	Odour removal capacity*	Light	Adjustable damper, basic ventilation	Cupboard depth	
	Vision-E/F 90 cm Vision-E/F 60 cm	Depending on the duct system and separate fan.	Depending on air flow rate.	75% at 53 l/s	LED 2 x 2 W	Yes***	Min. 31.5 cm	
	Elegant-E/F, white Elegant-E/F, black Elegant-E/F, RF			75% at 52 l/s		Yes***		
	Facet-E/F, white Facet-E/F, RF			118689 118690	75% at 50 l/s	LED 6.5W		Yes
	Fondue-F			13615	75% at 52 l/s	Compact fluorescent tube 11 W G23		Yes
	Bistro-E/F**			13626	75% at 54 l/s			Yes
	Flow E/F			117298	75% at 53 l/s	LED 2 x 2 W		Yes***

\*Odour removal capacity in accordance with SS-EN 13141- 3:2017. Tested at an installation height of 60 cm above the cooker.

\*\*When it is integrated in the hood/cowl.

\*\*\*Supplied with a sealed damper, but an adjustable damper for basic ventilation is enclosed.

## Cooker hoods for connection to ventilation units

Suitable for Flexit ventilation units in the Nordic and UNI series.

	Article number	Air flow rate	Sound pressure	Odour removal capacity*	Light	Adjustable damper, basic ventilation	Cupboard depth	
	Vision-E/F 90 cm Vision-E/F 60 cm	Depending on the duct system and separate fan.	Depending on air flow rate.	75% at 53 l/s	LED 2 x 2 W	Yes***	Min. 31.5 cm	
	Elegant-E/F, white Elegant-E/F, black Elegant-E/F, RF			110609 110608 110607		75% at 52 l/s		Yes***
	Facet-E/F, white Facet-E/F, RF			118689 118690	75% at 50 l/s	LED 6.5W		Yes
	Fondue-E			13616	75% at 52 l/s	Compact fluorescent tube 11 W G23		Yes
	Bistro-E/F**			13626	75% at 54 l/s			Yes
	Flow E/F			117298	75% at 53 l/s	LED 2 x 2 W		Yes***

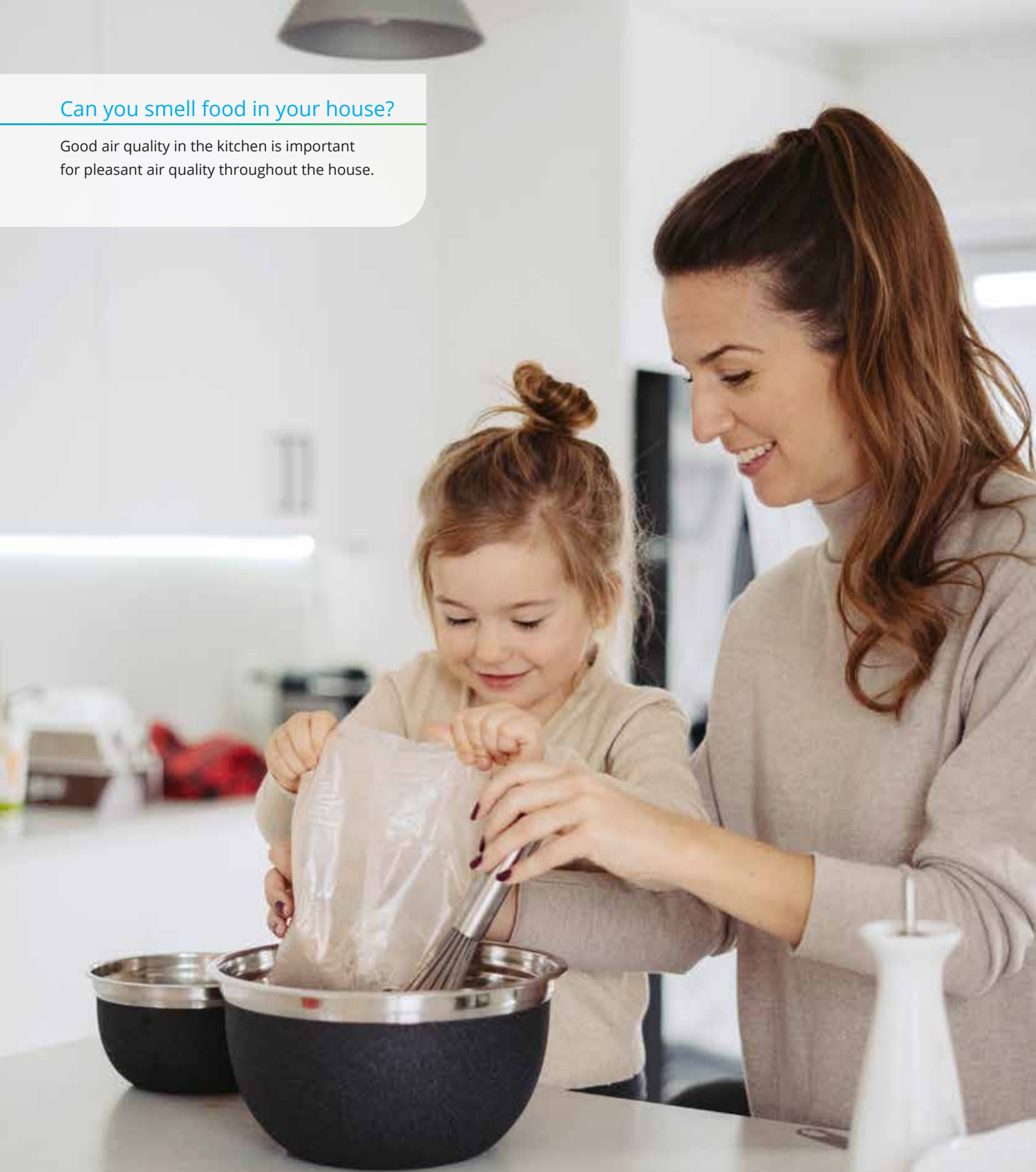
\*Odour removal capacity in accordance with SS-EN 13141-3:2017. Tested at an installation height of 60 cm above the cooker.

\*\*When it is integrated in the hood/cowl.

\*\*\*Supplied with a sealed damper, but an adjustable damper for basic ventilation is enclosed.

## Can you smell food in your house?

Good air quality in the kitchen is important for pleasant air quality throughout the house.



Flexit supplies systems for a better indoor climate. Flexit is a market leader in residential ventilation and has provided ventilation systems to homes for over 40 years. Our systems are specially designed to improve the indoor climate in houses, in demanding conditions. So you can rest easy!

### Contact information

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