

RESIDENTIAL VENTILATION

Total solutions for a
healthy and comfortable
indoor climate



Always fresh, pure air at home: our smart, complete solutions

Ubbink has been the reference for high-quality ventilation systems in Europe for years. As part of the German Centrotherm Group, we fully manage the development and production of all components in-house.

Ubbink offers total solutions for residential ventilation: a unique position, that we're extremely proud of.

A complete Ubbink ventilation system consists of 5 parts, from the ventilation unit to the valve as a finishing element:

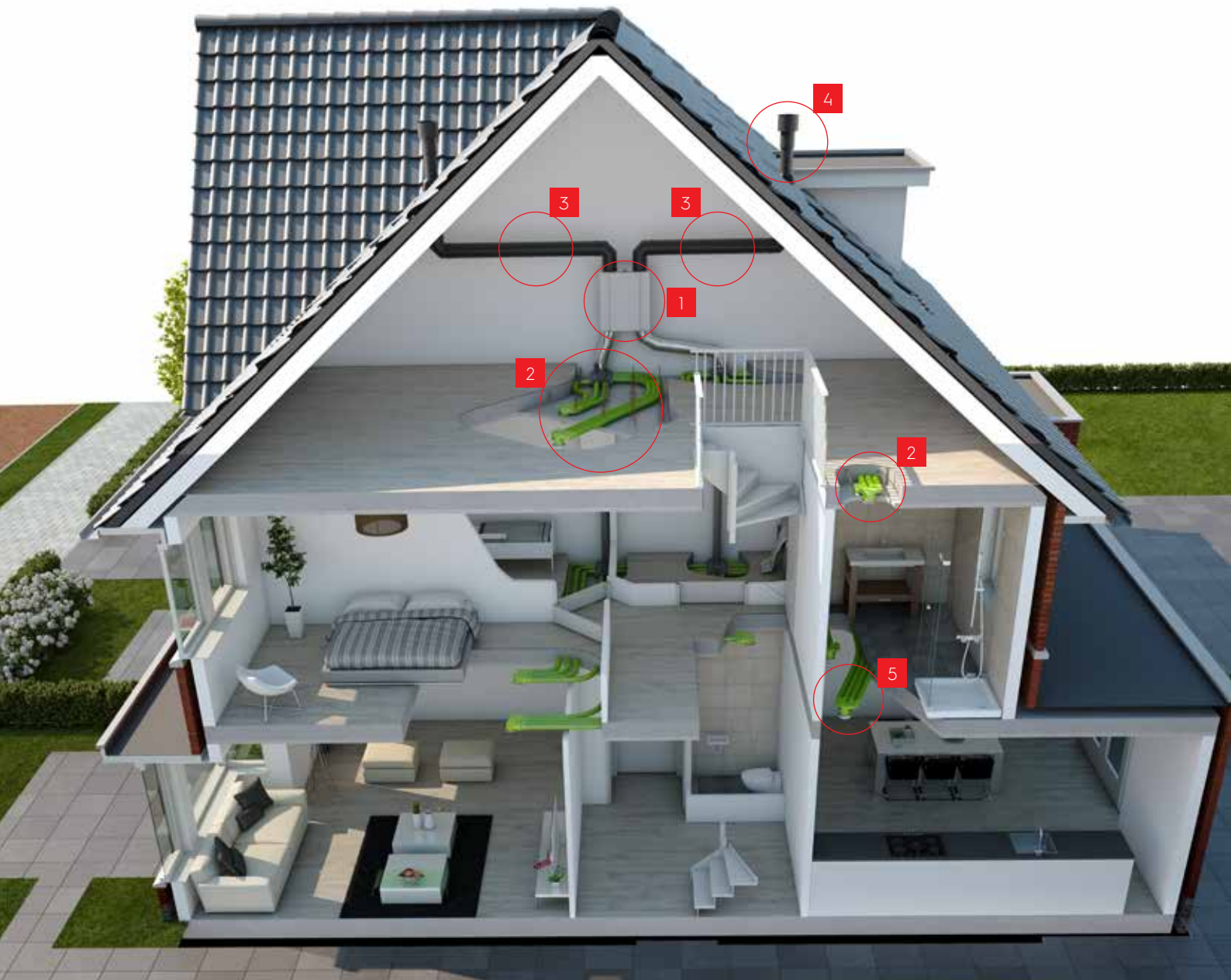
1. **Ubiflux heat recovery units:** extremely compact wall- or ceiling-mounted ventilation units
2. **Air Excellent ventilation ductwork:** flexible and modular
3. **Aerfoam insulated mass flow ductwork**
4. **Roof terminals and wall terminals:** for flat and pitched roofs, insulated and non-insulated
5. **Haelix inlet and outlet valves:** circular and square designs

We are the only manufacturer that produces all parts completely in-house.

From this unique position we can provide you with quickly accessible, accurate and reliable data about our ventilation systems.

On our website www.ubbink.co.uk you'll find easy access to technical information, covering individual products and system solutions:

- Technical data sheets
- Installation manuals and assembly videos
- Specification documents
- Certification



1. Ubiflux heat recovery units

Ubiflux heat recovery units ensure that the indoor air is continuously refreshed. The amount of air that goes out is equal to the amount of air that comes in.

Cold, fresh outside air is drawn in and passes through the heat exchanger where the heat exchange takes place. This heated air is sent through ducts into the 'dry' living spaces. At the same time, a second fan draws in the polluted air, coming from the 'wet' rooms, through the heat exchanger in counterflow.

The Ubiflux Vigor range comprises four compact models, in different versions (left and right - 4/0 and 2/2):

- Ubiflux Vigor W225 (ventilation capacity 50-225m³/h at 200Pa)
- Ubiflux Vigor W325 (ventilation capacity 50-325m³/h at 200Pa)
- Ubiflux Vigor W400 (ventilation capacity 50-400m³/h at 200Pa)
- Ubiflux Vigor W450 (ventilation capacity 50-450m³ /h at 200 Pa)
- Ubiflux Vigor W600 (ventilation capacity 50-600m³/h at 200Pa)





Properties of Ubiflux Vigor heat recovery units:

- Extremely compact and energy-efficient wall-mounted appliances with a very high thermal efficiency
- Most accurate constant flow 2.0: guaranteed as much supply as discharge
- TFT touchscreen display with clear menu structure, including handy installation instructions and maintenance wizards
- Simple maintenance with minimal service parts
- Quick and easy upgrade to 'Plus' version



Ubbink also offers heat recovery units for ceiling installation:

Ubiflux F150	Ubiflux F200	Ubiflux F300
		

2. Air Excellent ventilation ductwork

Air Excellent is an extremely flexible, modular plastic ductwork system, for large or small new-build or refurbishment projects. The system comprises of two ductwork options, together with a wide range of accessories and air distribution boxes.

Air Excellent ductwork is available in circular or semi-circular profiles, (both of which are also available antibacterial). The modular and universal air distribution boxes ensure maximum air distribution between the ventilation unit and the supply and exhaust ducts.

Properties of the Air Excellent ventilation ductwork system:

- Minimal pressure loss
- Antibacterial and antistatic
- Safe and fast assembly
- Airtightness class D
- TÜV SÜD certified

1. Air Excellent ductwork is available in the following configurations:



Semi-circular

- AE35SC (50x100mm): cap. 33 m³/h*
- AE55SC (60x130mm): cap. 58 m³/h*



Circular

- AE34C (Ø 63/75): cap. 34 m³/h*
- AE48C (Ø 75/90): cap. 45 m³/h*

*Ventilation capacity at 3 m/s

With a wide range of accessories (bends, adaptor pieces, valve adaptors, transition pieces, sealing rings), it's easy to make airtight connections without the use of tape. The capacity of each duct is regulated using a restrictor ring in the air distribution box.





2. DB200 and DB800 universal air distribution boxes ensure maximum air distribution between the ventilation units and the connected ductwork. Restriction rings are connected directly into the distribution boxes to adjust the required flow rate per room. The air supply and air exhaust ducts, couplings and distributors are easy to connect to the distribution boxes.



DB200 series:

- Available as standard in 2 versions with 6 or 8 connections
- Extended versions available (max. flow with single DBOX: 250m³/h; max. flow rate with double DBOX: 350m³/h)
- Very low pressure loss
- Simple redistribution of restriction rings (e.g. during renovation)
- Multiple, easy-to-clean inspection hatches with EPDM seals



DB800 series:

- Available with 8, 16 or 24 connections
- For DN125, DN150, DN160 and DN180
- Horizontal and vertical mounting
- Low noise thanks to damping set (optional)
- Multiple, easy-to-clean inspection hatches with EPDM seals



3. Aerfoam insulated mass flow ductwork

To prevent heat loss and condensation in ventilation, air heating and cooling systems, it is important to use well-insulated and airtight ductwork.

Aerfoam insulated mass flow ductwork is the latest evolution of this technology and is manufactured by a sustainable, carbon neutral process.

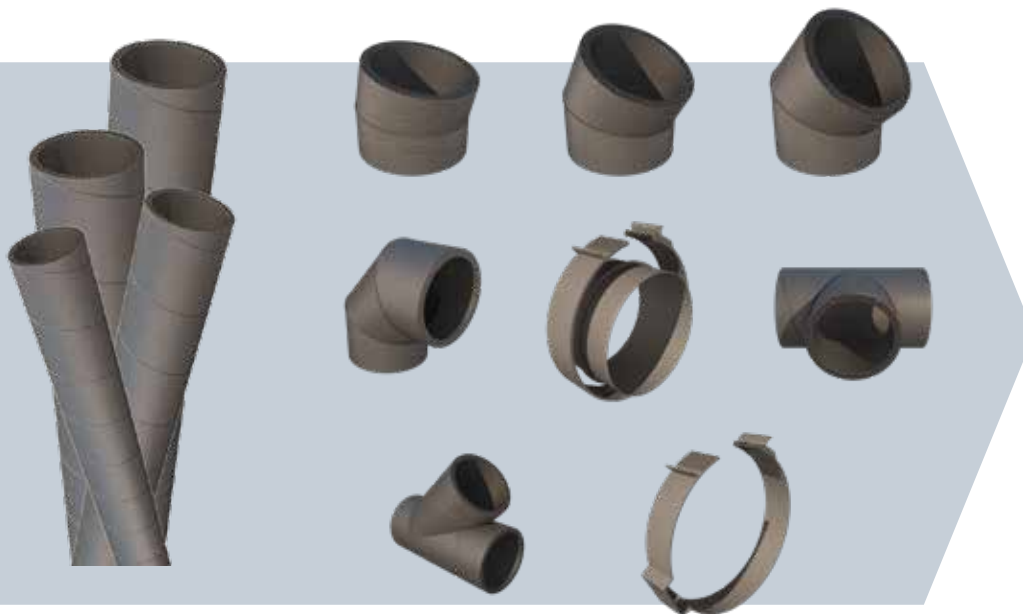
Properties of Aerfoam insulated mass flow ductwork:

- 100% airtight and rust-free
- Fast, easy assembly (without tape)
- Maintenance friendly
- High insulation value

The Aerfoam range is available in the following diameters:

- Ø 125
- Ø 160
- Ø 180
- Ø 200

The range also includes the necessary accessories such as bends, T-pieces, coupling pieces, brackets and reducers:





4. Roof terminals and wall terminals

Ubbink offers a wide range of high-quality roof and wall terminals.

Depending on the chosen version, the roof terminals can be mounted on sloping or flat roofs by means of a matching cover piece.


The roof and wall terminals are available as both insulated and non-insulated versions.

Most roof terminals are supplied with associated accessories such as roof decking bracket and shell and are available in the most common diameters.

Roof terminals

Insulated roof terminals					Non-insulated roof terminals	
Flat roof		Pitched roof			Flat roof	Pitched roof
						
OFT 5 125mm / 150mm / 180mm	VENTUS Ventus 200/180 Ventus 160/150	UB46 125mm UB47 150mm UB48 180mm UB49 160mm	VENTUS 200/180 160/150	VALETIS 160/150 Black 160/125 Black	OFT1 110mm / 131mm / 166mm OFT 4 (twin wall) 110mm / 131mm / 160mm only	UB34 125mm UB35 150mm

Wall terminals

Non-insulated wall terminals	
	
Ø125 Ø160 Ø200	Ø150 Ø180

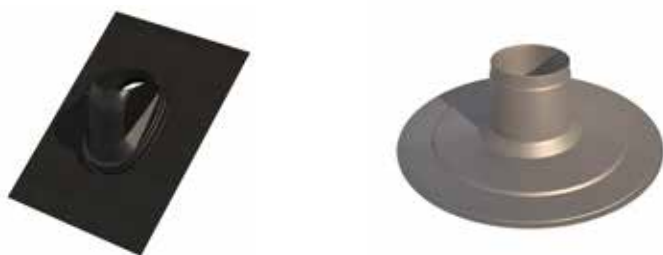


Properties of Ubbink roof and wall terminals

- Manufactured from high quality thermoplastic
- Quick, easy assembly
- Low resistance
- Watertight
- Various profiles

Corresponding cover pieces are available in every diameter:

- For pitched roof: Ubiflex standard
- For flat roof: Various roof covering options



5. Haelix supply and extract valves

Ubbink Haelix supply and extract valves have been developed as a final touch to ventilation systems in homes.

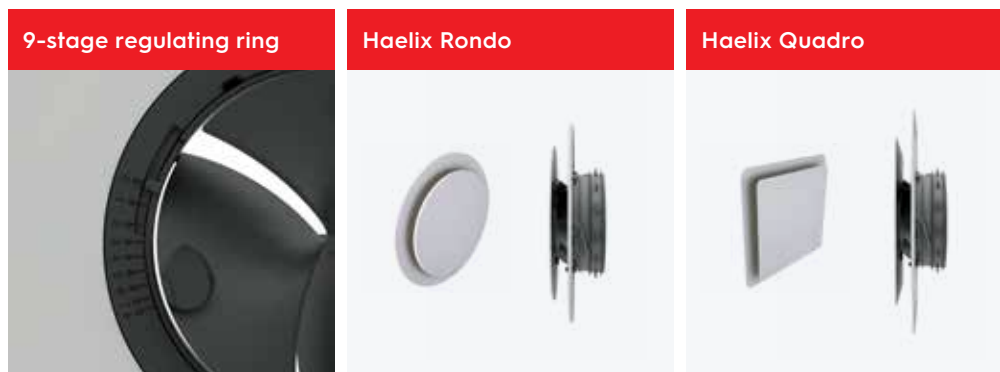
They are available in timeless, elegant circular and square designs.

Installation is tool-free by simply inserting the valve into the 125mm valve adapter. The extra wide flange contributes to the prevention of dirt deposits on walls and ceilings.

The valves are equipped with an extra 9-stage adjustment ring to compensate for unforeseen system deviations as a result of installation changes, to provide a universal solution for all available ventilation systems on the market.

Properties of Haelix supply and extract valves:

- Universal design that fits in every kind of home
- One valve for air supply and exhaust, suitable for installation in walls and ceilings
- Can be placed without tools in any 125mm dia. valve adapter
- Easy to install thanks to the EPDM sealing ring in the valve adapter
- Integrated 9-stage adjustment ring to cope with unforeseen system deviations







Ubiflux Vigor

Pure power!

New generation ventilation with heat recovery



Extend the warranty of your Ubiflux Vigor device from 2 years to 5 years!

- Extended warranty available at £100 one-off fee
- 5 filter sets G4 (replace 1 filter set per year)
- 5 years (after commission date) replacement of the other parts

Register your device via our website:
www.ubbink.com

Our project specialists are at your service

Our project employees know the needs of architects, engineers and building owners: together with you they will look for the right solution for the realisation of your projects.

Our services:



Integrated solutions: our extensive experience means we can offer optimised total solutions, both in product and project sales. Our solutions are well thought-out, sophisticated and convenient: for example, our practical CLV kits.



Efficient local service: With centrally located headquarters in Northampton and product specialists and distributors throughout the UK, we can meet your needs wherever you are.



Site surveys: our experts can visit your site as required.



Focus on quality and time savings: You want to work as quickly as possible, but your end customers also want the best service. Ubbink's solutions ensure efficient and smooth installation so that all parties experience smooth cooperation. The best guarantee for a long-term partnership.





ENERGY



VENTILATION



BUILDING

Product advice

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Do you still have questions or are you looking for a solution for a specific application?

Our experts will be happy to think along with you, contact them from Monday (09:00 to 17:00) to Friday (08.00 to 15.00)



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