

Committed
to innovation

**For professionals
looking to the future**



Index



1	About us	4
2	HOME	18
3	ONE	41
4	EVO	54
5	ECO	66
6	Networks	74
7	Air valves	84
8	Renovation	86

The way

Innovation and growth every step

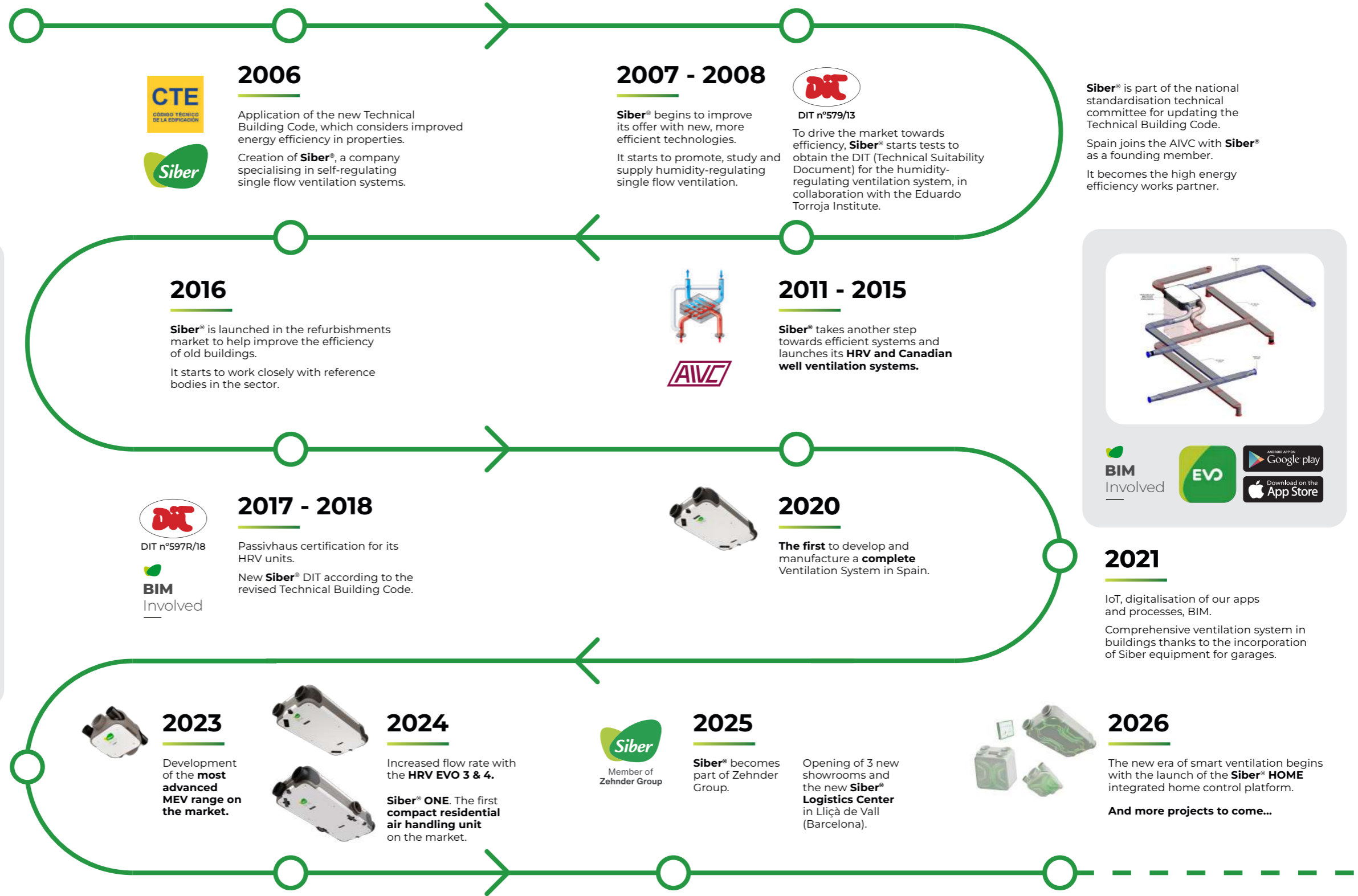
Prior to 2006

The building standard does not include requirements for the energy efficiency of buildings. Conventional housing is inefficient and involves high energy costs.



2022

Opening of two new facilities: the **Innovation Center** in Barcelona, and the **Siber® Logistics & Training Center** in Madrid.



2006

Application of the new Technical Building Code, which considers improved energy efficiency in properties.



Creation of **Siber®**, a company specialising in self-regulating single flow ventilation systems.

2007 - 2008

Siber® begins to improve its offer with new, more efficient technologies.

It starts to promote, study and supply humidity-regulating single flow ventilation.



DIT nº579/13

To drive the market towards efficiency, **Siber®** starts tests to obtain the DIT (Technical Suitability Document) for the humidity-regulating ventilation system, in collaboration with the Eduardo Torroja Institute.

Siber® is part of the national standardisation technical committee for updating the Technical Building Code.

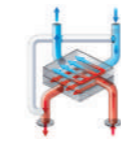
Spain joins the AIVC with **Siber®** as a founding member.

It becomes the high energy efficiency works partner.

2016

Siber® is launched in the refurbishments market to help improve the efficiency of old buildings.

It starts to work closely with reference bodies in the sector.



2011 - 2015

Siber® takes another step towards efficient systems and launches its **HRV and Canadian well ventilation systems**.



DIT nº597R/18



2017 - 2018

Passivhaus certification for its HRV units.

New **Siber®** DIT according to the revised Technical Building Code.



2020

The first to develop and manufacture a **complete** Ventilation System in Spain.



2023

Development of the **most advanced MEV range on the market**.



2024

Increased flow rate with the **HRV EVO 3 & 4**.



Siber® ONE. The first **compact residential air handling unit** on the market.



2025

Siber® becomes part of Zehnder Group.

Opening of 3 new showrooms and the new **Siber® Logistics Center** in Lliçà de Vall (Barcelona).



2026

The new era of smart ventilation begins with the launch of the **Siber® HOME** integrated home control platform.

And more projects to come...

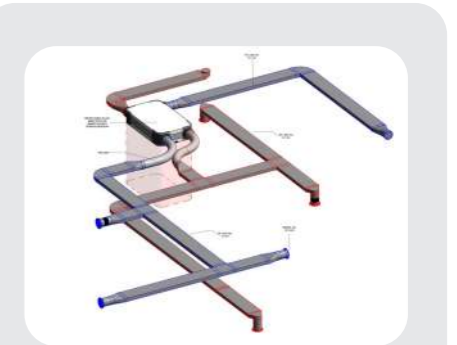
Siber® COMFORT VENTILATION

- ✔ Ensures **well-being**
- ✔ **Environmentally friendly and socially responsive**
- ✔ **Innovative**
- ✔ **Economical**

2030 target

- 55% greenhouse gas emissions.
- +32% **renewable sources** in energy consumption.
- + **32,5% energy efficiency**

Agreement of the European Council concluded in December 2020 "Framework 2030".



We are experts

In efficient ventilation

OUR CHALLENGES

- ✓ Improved **comfort**
- ✓ People's **health**
- ✓ **Respect** for the environment
- ✓ **Energy savings and efficiency**
- ✓ **Innovative and efficient** systems

BEST TECHNICAL PRESENTATION AWARD



+800
technical sessions



+20.000
trained professionals



+40.000
studied projects



+5.000
supplied projects



**EFFICIENT SYSTEMS
TAILORED TO EVERY PROJECT**

Official partner

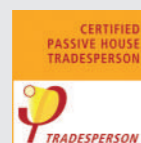
We work closely with official and private organisations such as:



Our certifications support us



EQUIPMENTS



ACCREDITATIONS



Passivhaus standards

In addition to developing ventilation systems with Passivhaus-certified double-flow units, at Siber® we have achieved the Tradesperson certificate from the Passivhaus Institute for members of our team, and we also take part as trainers in official Passivhaus courses. Members of our team holding the Passivhaus Designer certificate are qualified to design, calculate and retrofit buildings in accordance with the Passivhaus standard.

360° services

Always present

We are present at every stage of a ventilation project, supporting and advising all professional sectors involved in the process, from the initial stage through to after-sales service. Our goal is to **ensure that every project we study is delivered with full guarantee, safety and professionalism**. All our departments are involved in providing the best possible service to every professional in the sector.

Installers and distributors

Become an Official Installer or Official Distributor of Siber® and gain access to exclusive products, training and comprehensive technical support.

Prescription support

Siber® optimises ventilation through BIM studies, ensuring efficiency and regulatory compliance.

Global Services

Siber® Global Services ensures the optimal performance of ventilation systems through maintenance and technical support.

After-sales services

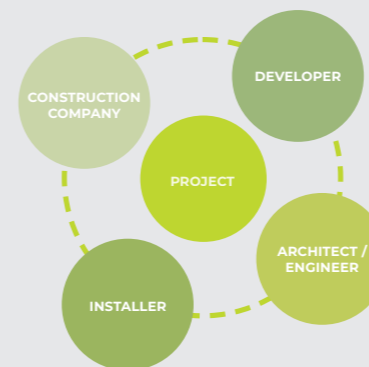
Full commitment at every stage, offering comprehensive service throughout each phase of the project.

Installation support

Technical assistance at every stage of the project for an efficient and optimised installation of ventilation systems.

Diagnostics and reports

Ensures quality and regulatory compliance in ventilation with Siber® diagnostic and follow-up reports, guaranteeing the correct execution of every project.



BREEAMers

Siber® Ventilation is a BREEAMer member. We share the values of sustainable construction, taking an active role in the sector and forming part of the advisory board at BREEAM.

Technical consultancy member

We are technical consultants for Asprima and are involved in the project, which gives us the opportunity to respond to technical queries regarding materials or systems in their implementation.



Founding member

We are also a founding member of AIVC Spain and part of the European TightVent platform.



Siber® Academy



At **Siber®**, we contribute and share our expert knowledge in efficient ventilation. Across the country, we deliver Technical Sessions for architects, engineers, architectural technologists and installers.

We present regulatory changes and their impact, digital tools for specification, digitalisation in construction, as well as new ventilation solutions that address the latest energy efficiency requirements in buildings.

- **Technical sessions at official colleges of architecture and engineering**
- **Technical sessions specifically for installers**
- **Ongoing training for certified Siber® installers (HXS)**
- **Training in Passivhaus Tradesperson courses**

+100 SESSIONS EVERY YEAR



Our showrooms, permanently growing

MADRID

Logistics and Training Center



CATALUÑA

Head Office – Innovation Center (Barcelona)



PORTUGAL

Lisboa - Farnalhão

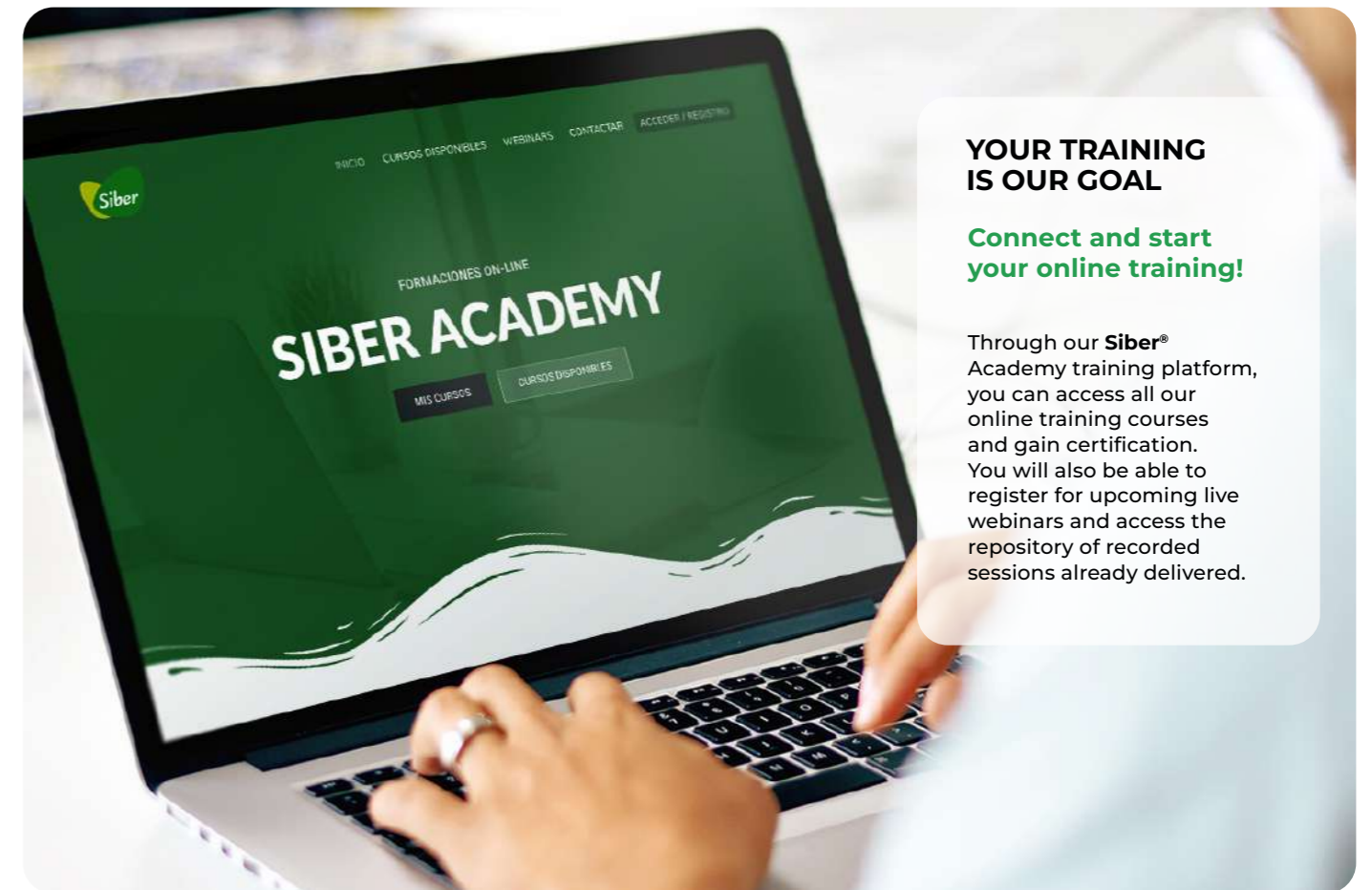


ANDALUCÍA

Málaga



A benchmark in training to professional



YOUR TRAINING IS OUR GOAL

Connect and start your online training!

Through our **Siber®** Academy training platform, you can access all our online training courses and gain certification. You will also be able to register for upcoming live webinars and access the repository of recorded sessions already delivered.

- ✓ Schedule of live webinars
- ✓ Recordings of past webinars
- ✓ Round tables with industry experts
- ✓ Specialised courses
- ✓ Wide range of topics
- ✓ More than 12,000 trained professionals
- ✓ Collaborations with leading institutions and independent experts



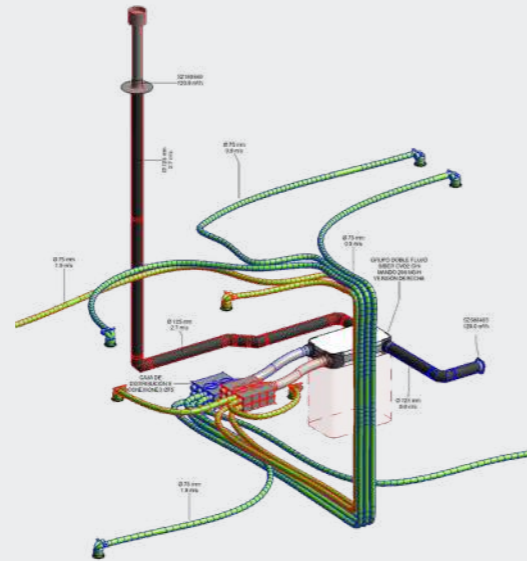
+ info

<https://academy.siberzone.es/>



Discover our standardisation systems

BIM Involved



+ info

ventilacion.siberzone.es/asesoria-prescripcion



BIM Involved by Siber®

What does BIM Involved enable?

A step towards Industry 4.0 through a new collaborative working methodology. At Siber®, we work with BIM as the foundation of technical design, allowing us to integrate all system elements within the building model, ensuring consistency, precision and traceability at every stage of the project. Thanks to our specialised BIM content, projects can be developed from a coordinated model, with complete technical information ready for construction.

Advantages of BIM Involved

- BIM families
- Complete system templates
- More detailed material information
- Greater accuracy in initial budgeting, eliminating approximations
- Minimisation of project errors
- Improved responsiveness
- Meets requirements for generating technical documentation

More efficient and sustainable

Driving **BIM technology** to help professionals create ventilation system projects.



Avoid cost overruns and project delays

Enables **“Clash Detection”** with other installations or model elements, helping to eliminate design changes during construction.



Creation of a 3D environment

Integrates all elements of the Siber® Ventilation System into the architectural model.



Parametric and routed systems

BIM-designed systems avoid unnecessary weight, ensure maximum precision and allow faster model generation.



Complete BIM study

We are the only manufacturer offering comprehensive BIM engineering resources. For your project, we deliver a complete BIM engineering study of the ventilation system, including:

- BIM layout drawings**
- Economic study**
- CTE HS3 compliance report**
- BC3**
- Project technical report**
- Pressure loss calculation**

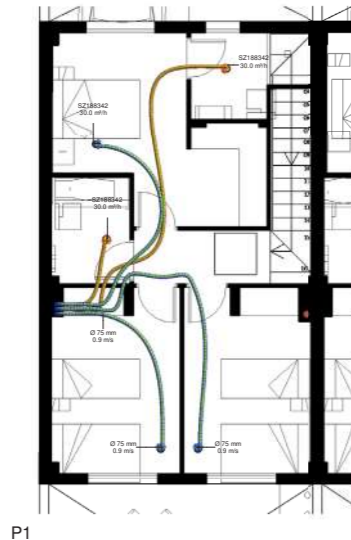
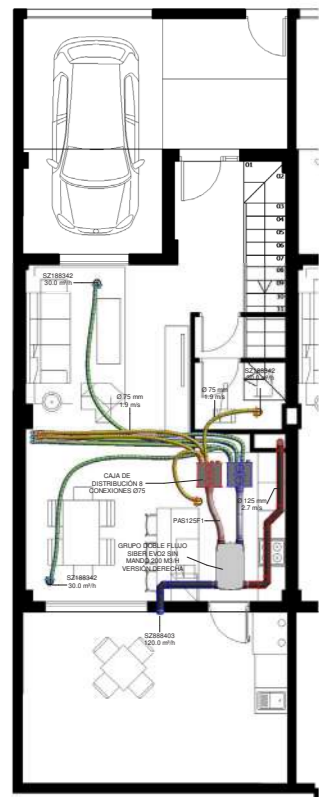
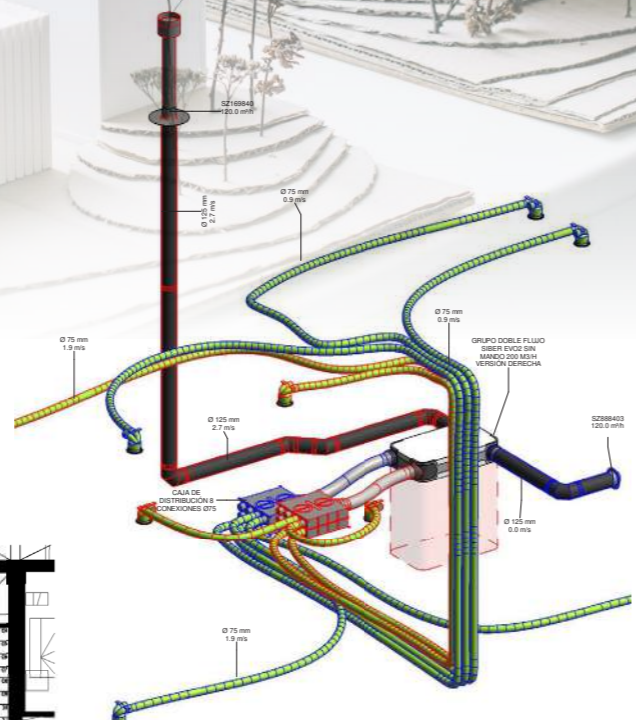


Request a study

ventilacion.siberzone.es/asesoria-prescripcion#_formulario

Transform your projects with BIM Involved

 **BIM**
Involved



www.siberzone.es/en/servicios/bim-involved

Digital tools

Simplify the design and calculation of ventilation systems with our digital tools. From **BIM models** to advanced configurators, **optimise** every stage of the project with **precision and efficiency**. Visit our website and discover how to improve your workflow, reduce errors and comply with regulations with ease.



www.siberzone.es/en/servicios/herramientas-digitales

Siber Academy

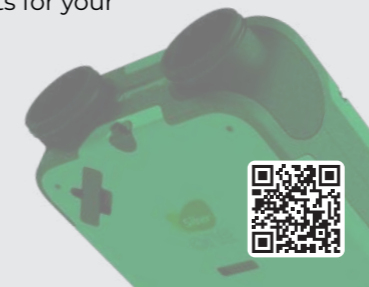
Professional training programmes.



<https://academy.siberzone.es/>

Equipment selection

Size ventilation units for your project.



<https://siberzone.es/seleccion-equipos/>

Garage equipment selection

Size the fans for your project using our configurator.



<https://ventilacion.siberzone.es/herramienta-garajes>

Duct sizing

Calculation tool for sizing ventilation networks.



<https://siberzone.es/calculadora-verticales/>

Cost estimation for residential ventilation systems

Create your own estimate*



<https://workplace.siberzone.es/>

*Contact your local Siber® representative to gain access to the tool.

We share the knowledge



www.siberzone.es/es/ebooks

In our "Smart Ventilation Blog", from **Siber®** we share our knowledge of ventilation systems on a daily basis, covering current and upcoming regulations.

Our goal is to spread knowledge and support all professional channels in their search for information related to ventilation.

We also provide e-books on a wide range of topics such as energy efficiency, Passivhaus buildings, and indoor health and comfort.

Each e-book is available for free download on our blog or website.

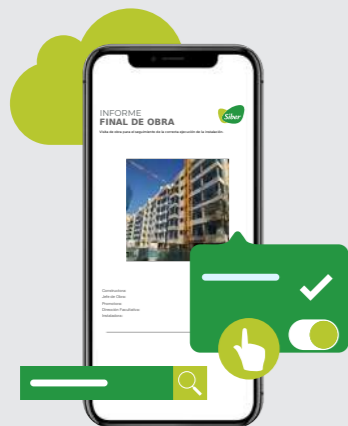


AVAILABLE E-BOOKS

Quality reports

We carry out continuous monitoring throughout the **installation** process of the ventilation system, generating reports at every stage of the project. Once completed, a **final report** is produced, including airflow and system pressure measurements. All reports are managed and issued through our **app**.

In addition, we develop specific **tools** to **optimise the productivity** of installation companies working with **Siber®**.



Technical support and after-sales

For any need, our technical advisors **support the client** during installation to ensure compliance with design and sizing requirements, guaranteeing a high-efficiency final installation.



Certified Installer

What is Siber® Certified Installer?

A Certified Installer is much more than an installer trained by **Siber®** in the correct installation of ventilation systems.

They are a **strategic partner** we trust to support end customers, resolve their ventilation-related queries, and offer the most suitable ventilation systems for each case.

What is their mission?

The mission of a Siber® is to **support** all stakeholders involved in **residential construction projects**, both new build and refurbishment, providing ventilation solutions that prioritise comfort, health and energy efficiency.



www.siberzone.es/en/servicios/instaladores-y-distribuidores



Instalador Homologado



Dedicated technical support

End-to-end support from design through to installation.



Specialised training and certification

Technical training and certifications to ensure compliance with regulations.



Exclusive access to Siber® products

Solutions that optimise energy use and guarantee comfort.

Official distributor

What is Siber® Official Distributor?

A **Siber®** Official Distributor is much more than an authorised point of sale.

It is a strategic partner that has been carefully selected and trained by Siber to offer a comprehensive and specialised service in the distribution of Mechanical Ventilation Systems (MVHR/VMC).

These distributors do not only market the products, but also provide expert advice and tailored solutions for each client.

What is their mission?

The mission of a **Siber®** Official Distributor is to support all stakeholders involved in the construction and refurbishment of homes, both in new-build and renovation projects. Their objective is to ensure that the ventilation solutions offered to the market prioritise comfort, health and energy savings, while adapting to the specific needs of each project and client.



Distribuidor Oficial



Join our certification programme

End-to-end support from design through to installation.



Ongoing commercial and tech support

Technical studies and certifications to ensure regulatory compliance.



Marketing and promotional materials

Solutions that optimise energy use and guarantee comfort.

Indoor air quality

Why is it important to properly maintain your ventilation unit?



We spend between 80% and 90% of our time in enclosed spaces.

What happens if my home does not have healthy air?

According to data published by the World Health Organization (WHO), people can spend up to 80% of their time indoors, unlike in the past, when we spent 80% to 90% of our time outdoors. It is therefore essential **to take care of indoor air quality.**

Install a ventilation system that ensures **the extraction of stale indoor air and the supply of fresh, clean and pure outdoor air**, while also maintaining the right relative humidity indoors.

0 viruses
0 bacteria



Fungi and other microbiological agents **can develop inside our buildings** without us realising it. Do not let poor indoor air quality create the ideal conditions for the proliferation of microorganisms.

How is stale air generated?

Outside home



GASES



NOISE



DUST



MITES



POLLEN



INSECTS

Inside home



FIRE



SMOKE



CLEANING PRODUCTS



KITCHEN



ODOURS



PETS



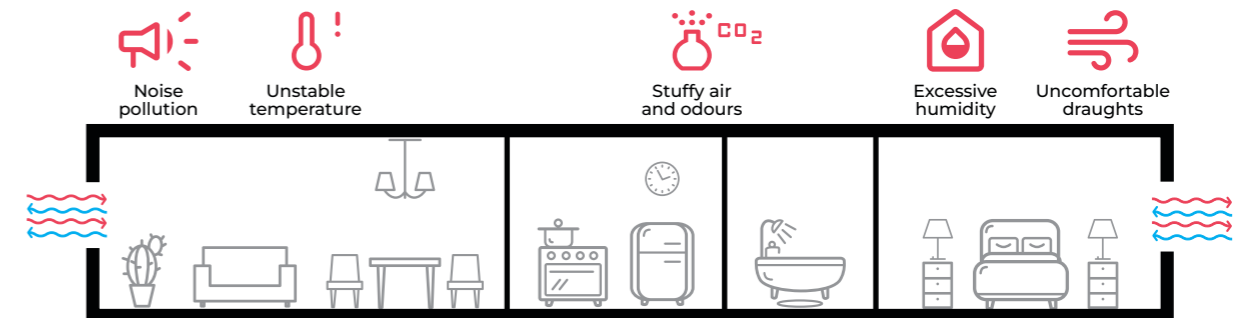
INSECTS



CONSTRUCTION MATERIALS

Traditional home.
Stuffy indoor environment
High energy cost

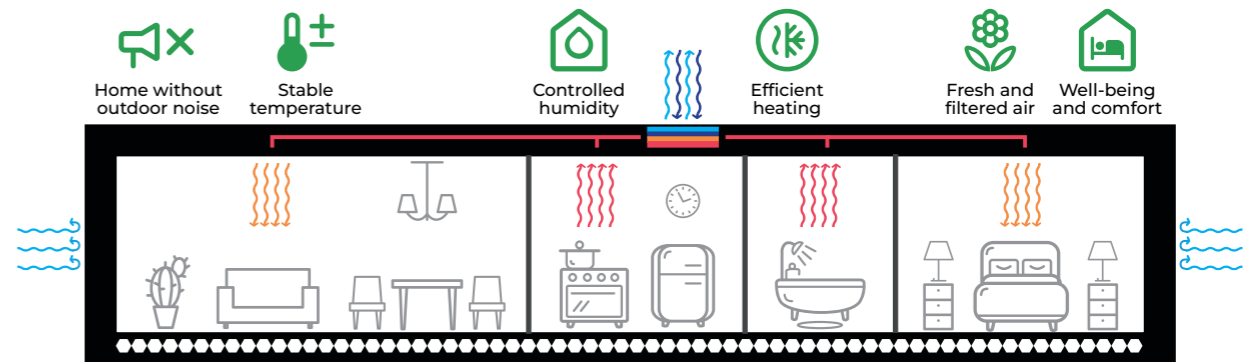
Intermittent ventilation by opening windows.
High heat loss and draughts.



Standard insulation in compliance with regulations

Home with a ventilation system.
Healthy indoor environment
Energy savings

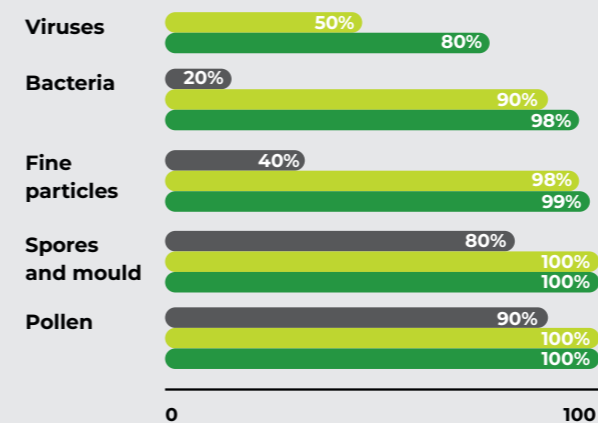
Continuous ventilation without the need to open windows and with virtually no heat loss. Fresh, clean and filtered outdoor air is supplied through a heat recovery unit.



High-efficiency insulation in façades, floors and roofs. Airtight building envelope. Underfloor heating with its own additional insulation

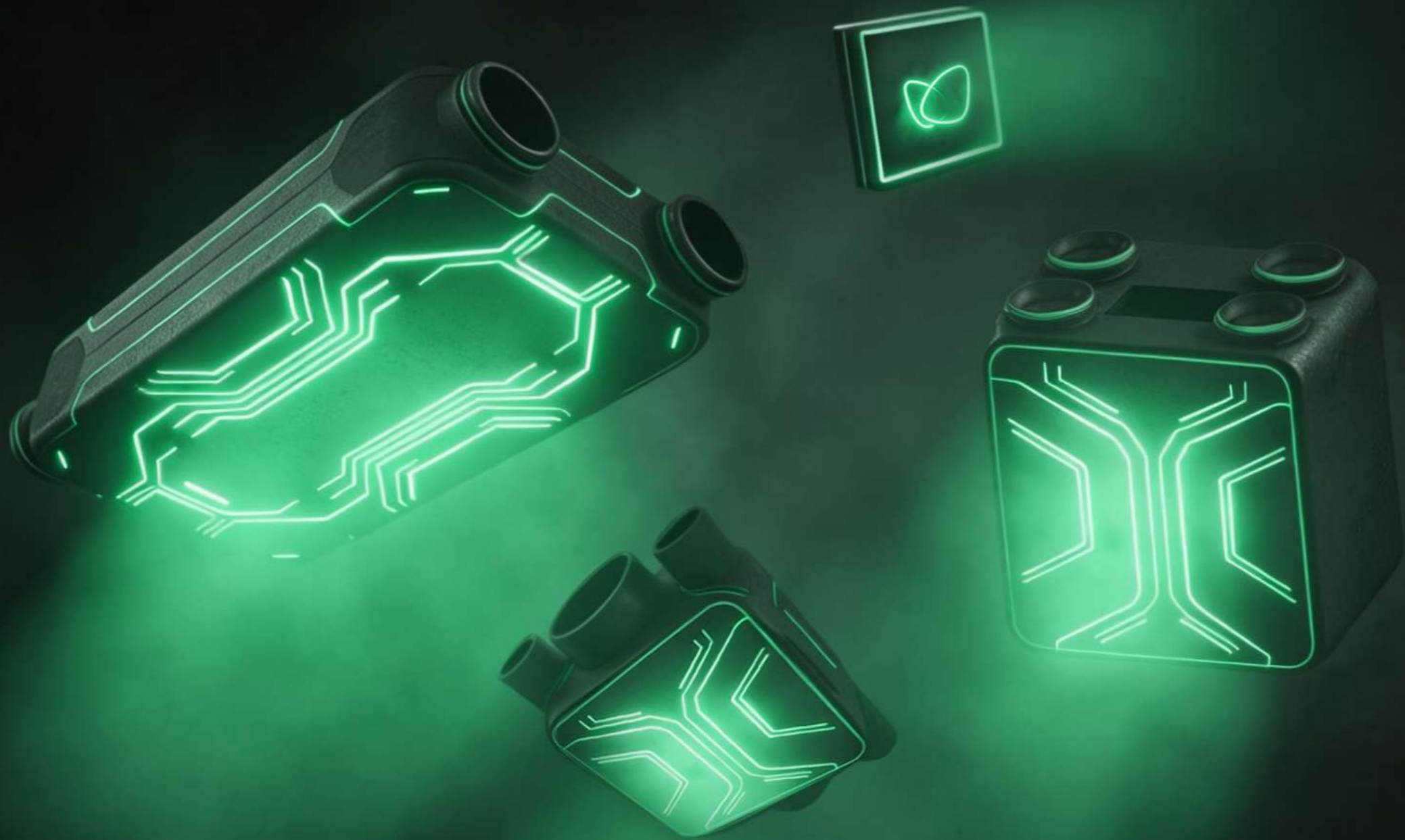
Siber® filter efficiency chart

● G4 (standard) ● F7 ● F9



Benefits of breathing healthy air



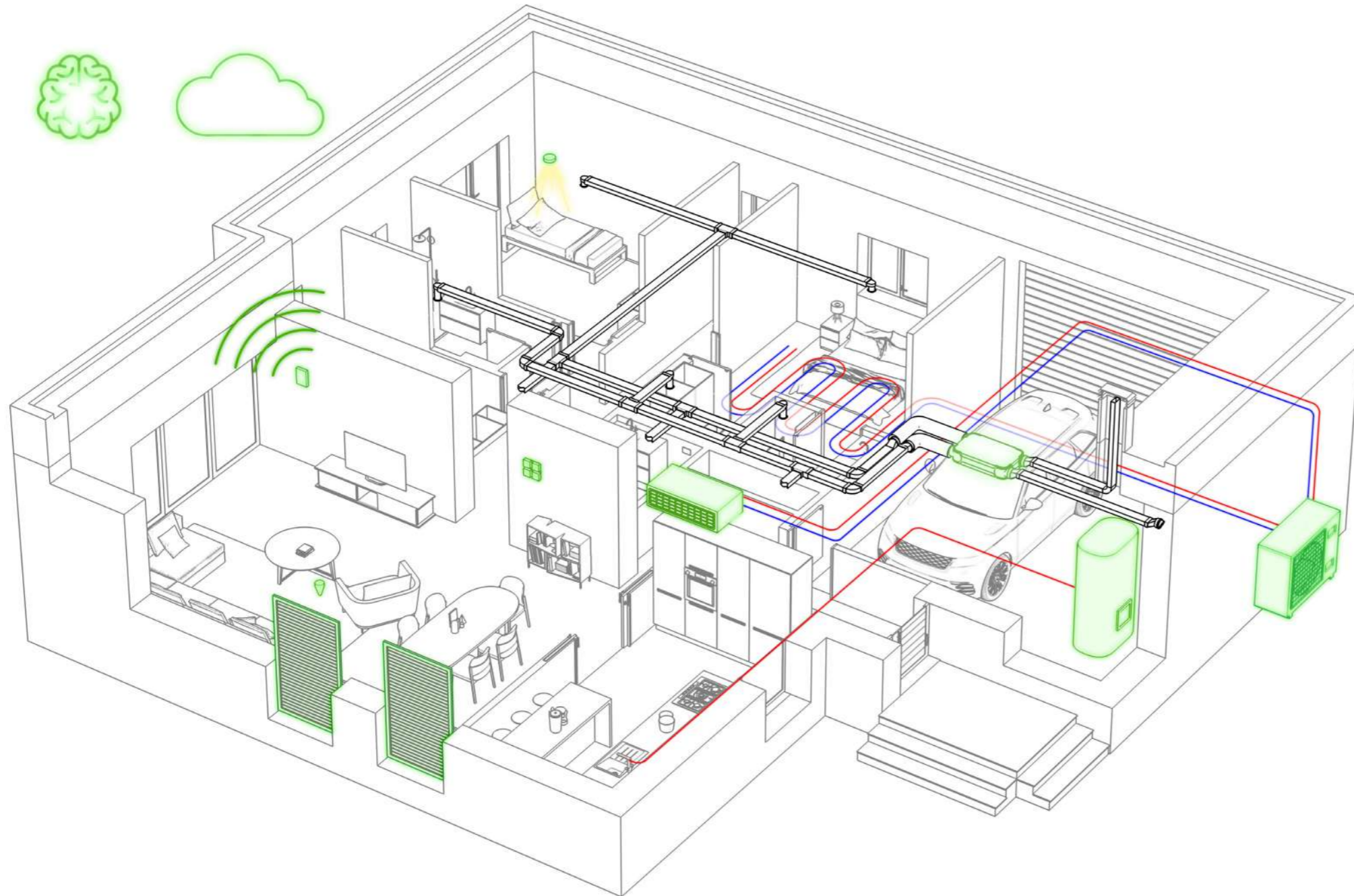


Traditional HVAC is dead,
welcome to the new era



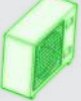








HOME

Siber® HOME

SYSTEM



ELEMENTS CONTROLLED BY Siber® HOME

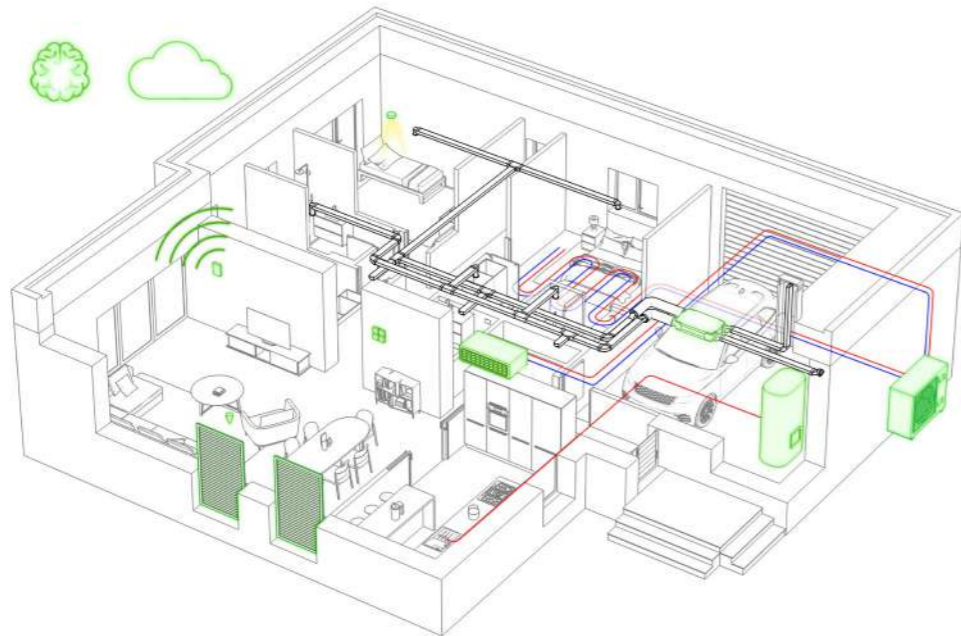
-  Siber® Home Display
-  Ventilation
-  Aerothermal
-  Fan coil
-  DHW
-  Switches
-  Sensor
-  Lighting
-  Blinds
-  Cloud
-  BMS

Siber® Home integrates ventilation, heating and cooling, and smart control into a single connected solution. Thanks to its display, integrated CO₂ and humidity sensors, WiFi connectivity, and cloud-based IoT platform, the system allows users to manage indoor comfort, monitor air quality, and control different home systems either from the mobile app or directly from the device itself. All of this enables new data- and connectivity-based services, improving both the user experience and the overall efficiency of the home.

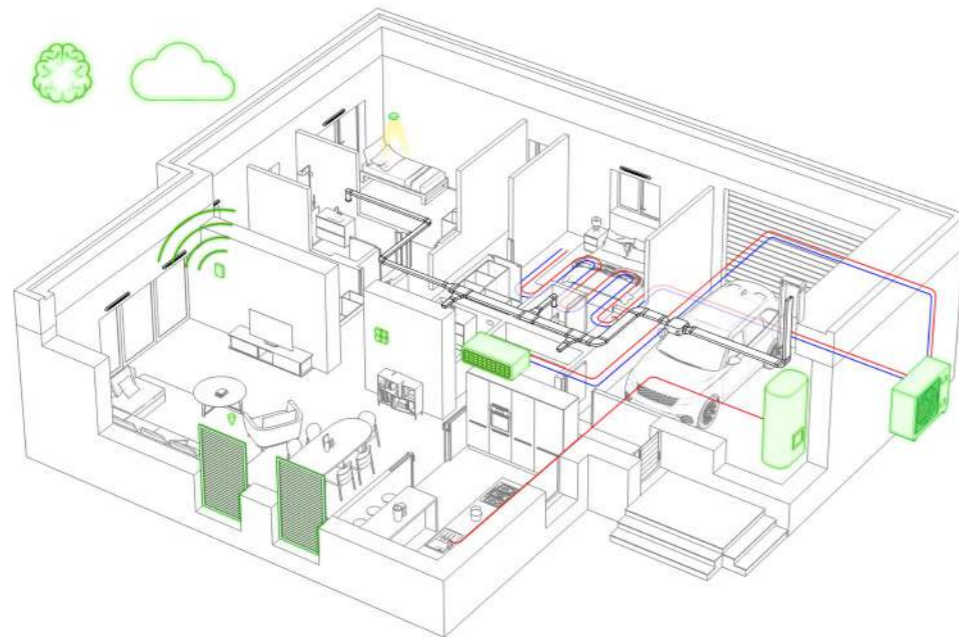
Siber® HOME

SYSTEM

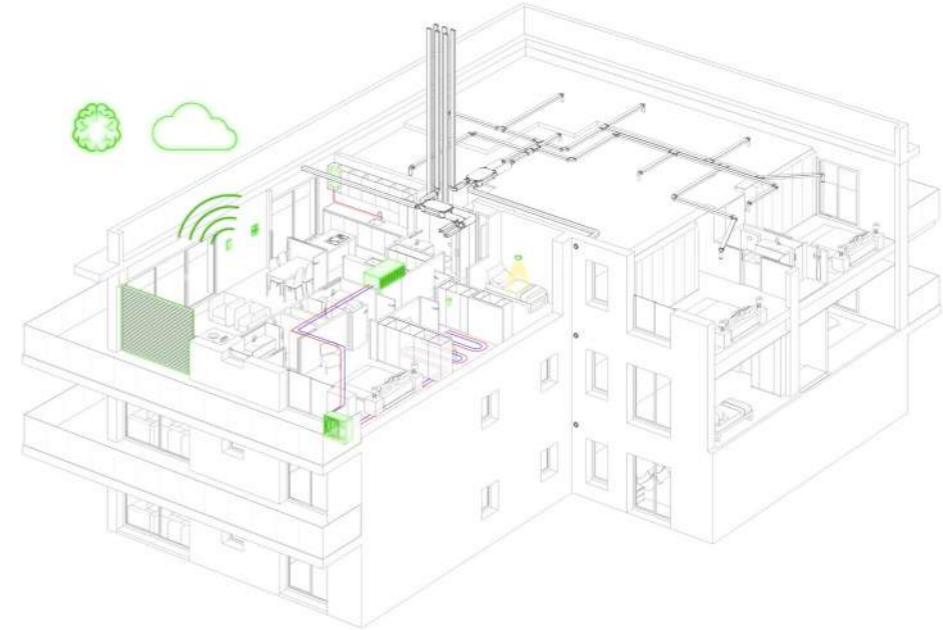
Single-family home with heat recovery ventilation and aerothermal system



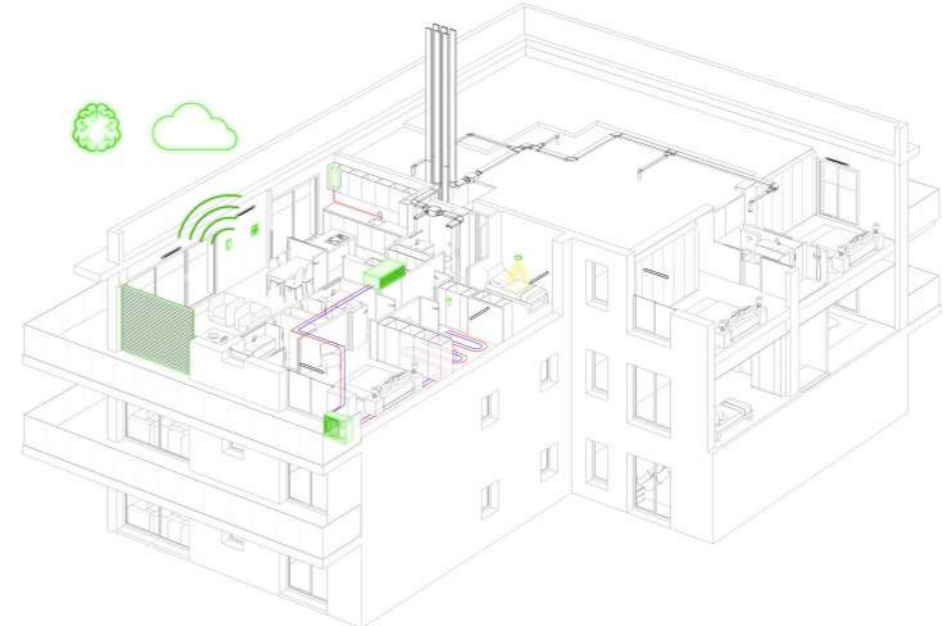
Single-family home with single-flow ventilation and aerothermal system



Multi-family building with heat recovery ventilation and individual aerothermal system



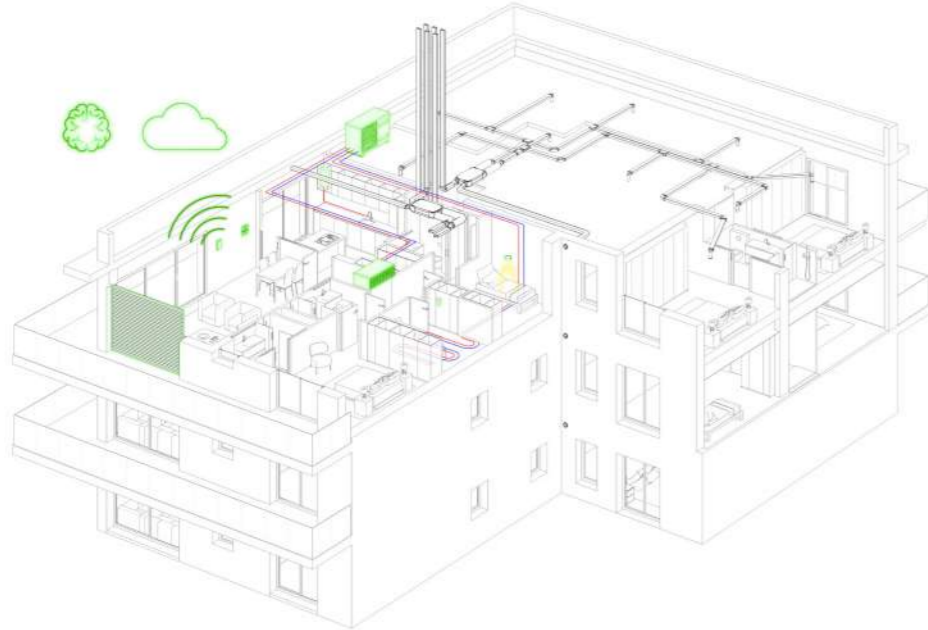
Multi-family building with single-flow ventilation and individual aerothermal system



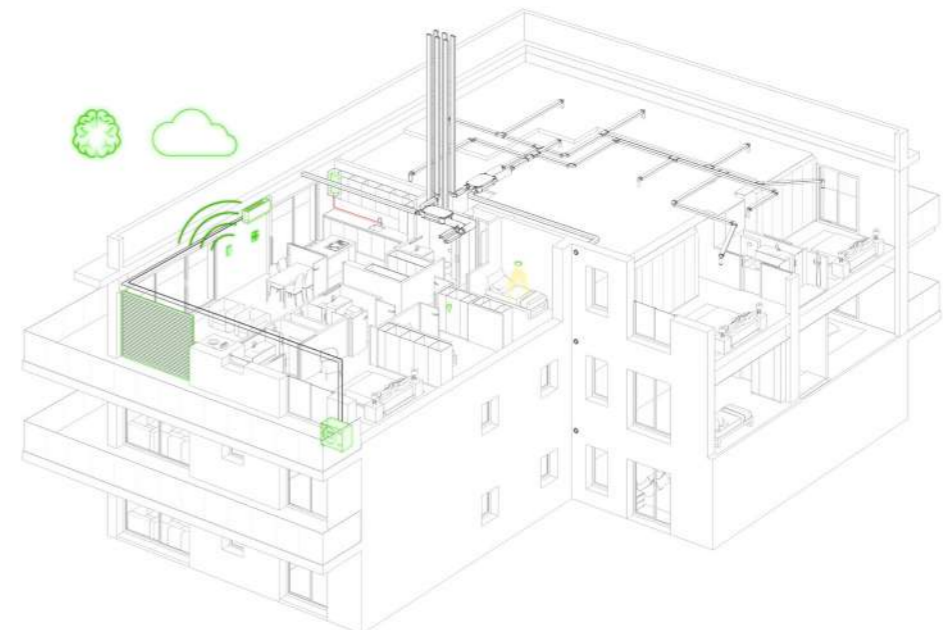
Siber® HOME

SYSTEM

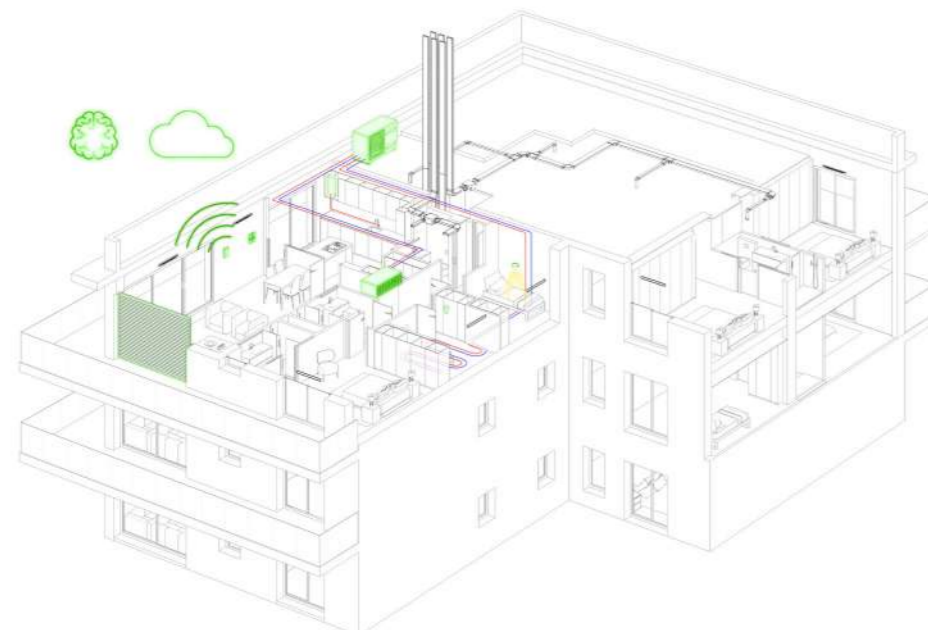
Multi-family building with heat recovery ventilation and collective aerothermal system



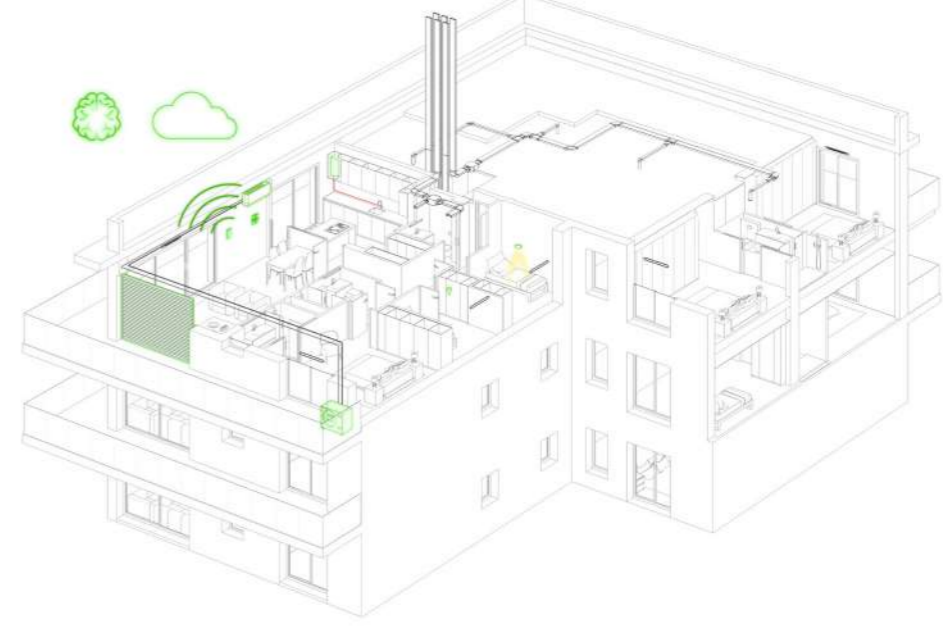
Multi-family building with heat recovery ventilation and direct expansion



Multi-family building with single-flow ventilation and collective aerothermal system

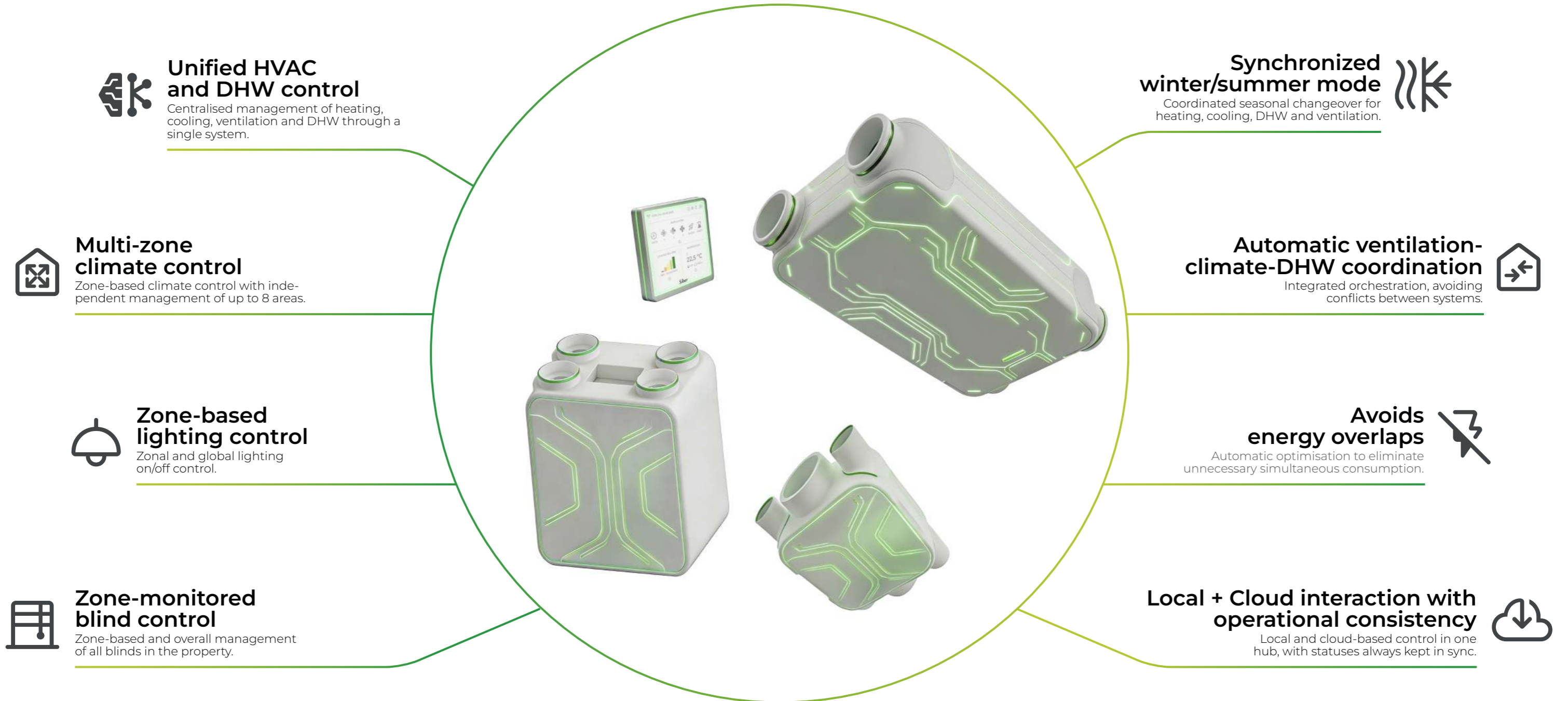


Multi-family building with single-flow ventilation and direct expansion



Siber® HOME

TOTAL CONTROL

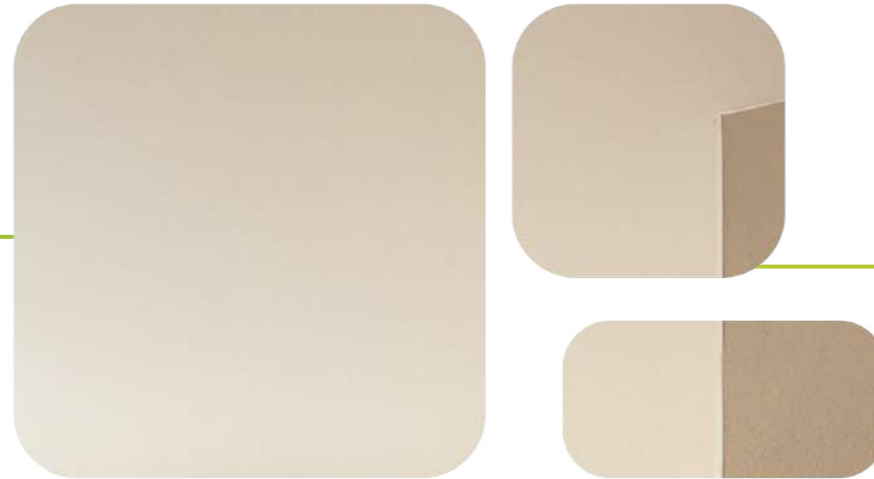


Siber® HOME

HEALTH, COMFORT AND EFFICIENCY



Integrated CO₂ sensor
Continuous CO₂ monitoring integrated into the system.

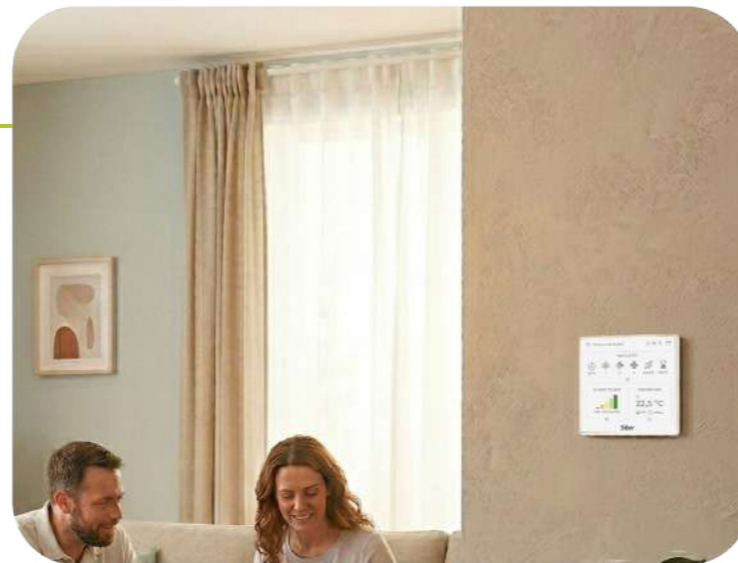


Zero mould, zero condensation

A design that prevents critical humidity and mould formation.



Integrated RH sensor
Relative humidity control built into the display.



Optimised seasonal mode

Automatic airflow adjustment according to air quality.



Real-time IAQ visualisation and alerts
IAQ displayed on screen with instant alerts on air quality.



Zero overlapping energy consumption between ventilation and heating/cooling

Intelligent orchestration avoiding conflicts between systems.



Optimisation of heat pump use

Greater efficiency to reduce energy consumption.



Ventilation modulated according to IAQ
Automatic airflow adjustment based on indoor air quality.



Contributes to improved certifications

Supports scoring in sustainability, health and energy efficiency schemes (WELL, BREEAM, Passivhaus).



Siber® HOME

CONSTRUCTION



Fewer units/devices in each dwelling

Reduced cost per dwelling and lower system complexity.

Fewer revisions and shorter execution time on site

Optimised on-site workflow with less rework and shorter delivery times.



Standardised configuration for entire developments

A single, repeatable configuration across the whole project, with no deviations.

Simplified wiring with RJ45

Unified cabling for a faster, cleaner installation.



Fewer trades involved

Fewer installation interfaces by integrating HVAC, ventilation and DHW.

Display compatible with EU electrical back boxes

Display designed to fit standard European electrical boxes, with no adaptations required.



Consistent installation across the entire building

Dwelling-by-dwelling execution ensures technical consistency throughout.

Integrated connectivity with no additional hardware

Built-in WiFi/BLE, with no gateways or external modules required.

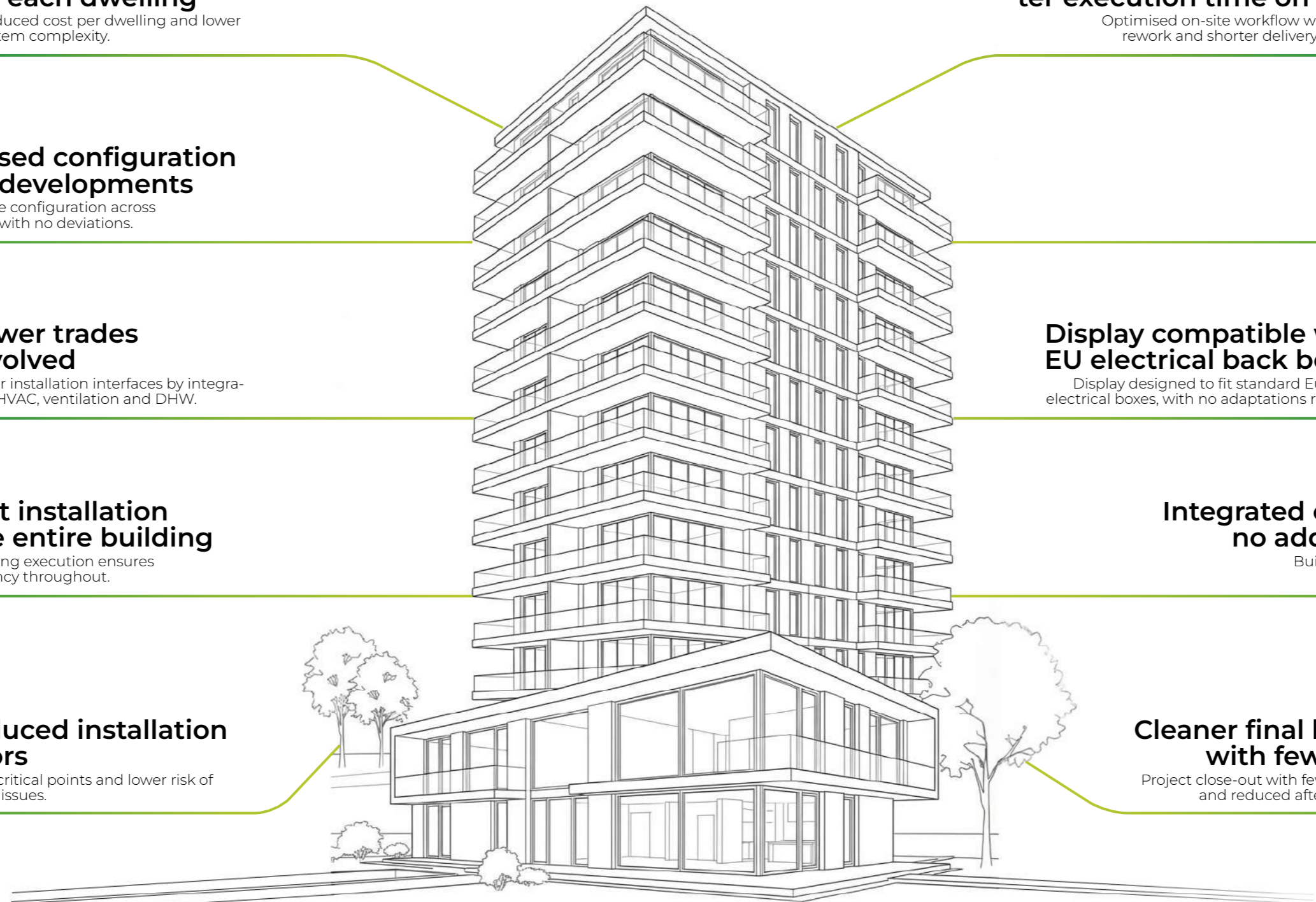


Reduced installation errors

Fewer critical points and lower risk of on-site issues.

Cleaner final handover with fewer issues

Project close-out with fewer critical points and reduced after-sales incidents.



Siber® HOME

INTEGRACIÓN Y COMPATIBILIDAD



Siber® HOME

INSTALLATION AND COMMISSIONING



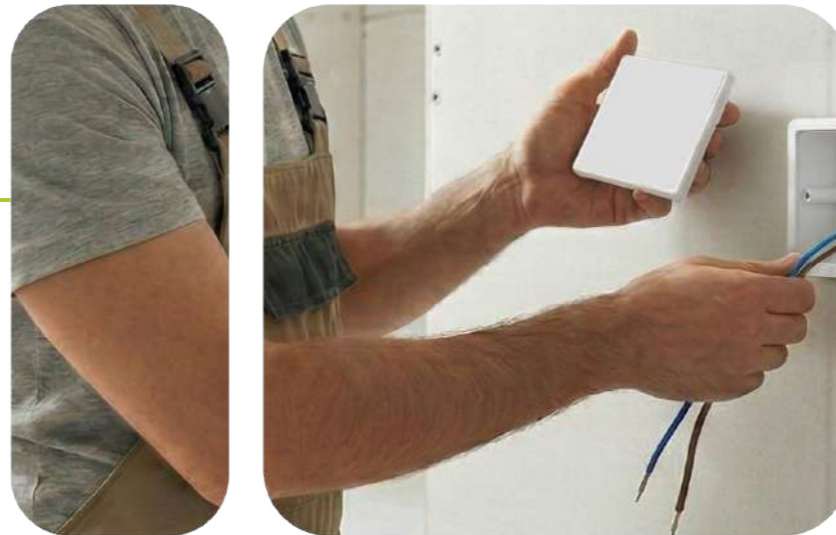
Flash commissioning via BLE for technicians
Ultra-fast initial setup in seconds via Bluetooth.



Reduced commissioning time
Fewer steps, fewer errors and faster activation.



Configuration cloning across systems in seconds
Instant replication of settings between dwellings.



Automatic device detection
Automatic identification of connected units and modules.



Accelerated commissioning for entire buildings
Bulk commissioning with minimal time required per unit.



No external gateways required
Automatic identification of connected units and modules.



Professional app for installers
Dedicated tool for installation, setup and diagnostics.



Automatic system detection without internet connection
Cloud linking via Bluetooth and mobile hotspot, with no local network required.



Siber® HOME

OPERATION AND MAINTENANCE



Siber® HOME

HARDWARE AND CONTROL



4.3" capacitive touch controller

Fast and precise response through a 4.3" capacitive touchscreen interface.



Clear and intuitive LCD display

Simple, user-friendly visual interface with straightforward navigation.



Integrated WiFi in the unit

Built-in connectivity with no additional accessories required.



Integrated Bluetooth connectivity

Built-in Bluetooth for commissioning and local control.



New common control platform for SF, DF and ATU ranges

A single control platform for all Siber product ranges.



Modular and expandable Master PCB

Central electronics designed to scale with additional modules.



Built-in thermostat and ambient sensors

Integrated temperature and humidity sensing directly in the display.



Architecture designed for modular expansion

System prepared to support additional functions and future modules.



Zonal control throughout the dwelling

Management of climate and ventilation zones directly from the interface.



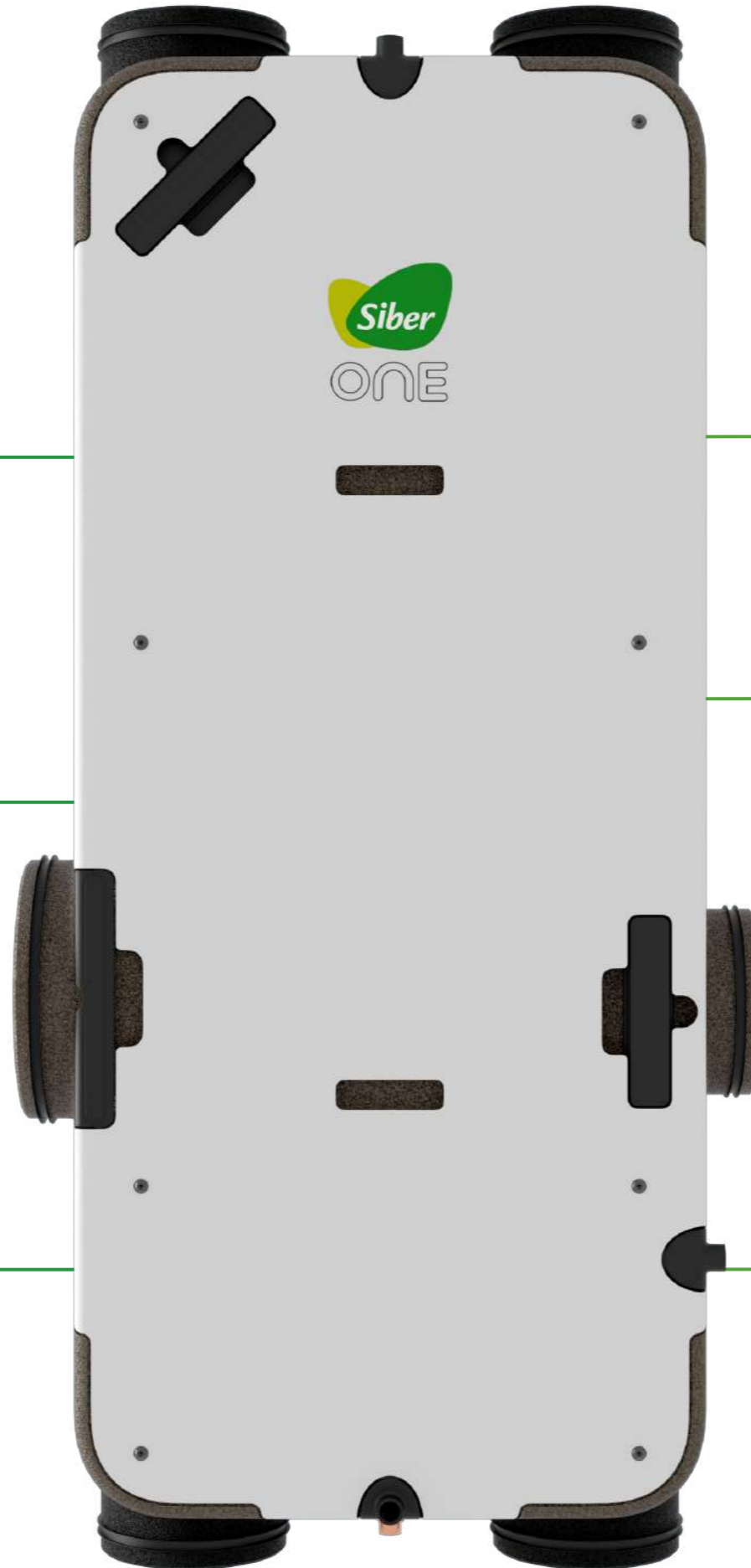
Siber® ONE

DISEÑO

First compact residential AHU
 Residential air handling unit. A compact system combining MVHR with heat recovery and a chilled/hot water coil for air conditioning.

Ultra-compact design
 Unit with a reduced height of just 27.5 cm.

Hydronic system
 No need to comply with fluorinated refrigerant concentration regulations due to the absence of refrigerant gas in the event of a leak.



Easy access for maintenance
 Designed for fast and simple maintenance. The Siber ONE AHU provides direct access to key components, reducing service time and optimising operating costs.

Water coil
 Compact, high-efficiency water coil for cooling and heating operation in fan coil mode.

Air recirculation
 Air conditioning system integrated with ventilation.

Smart design
 Equipment manufactured in technical polymer and galvanised steel.

Siber® ONE

VERSATILIDAD

Compact installation
 Compact solution avoiding double installation of HVAC and ventilation systems.

Plug & Play
 Fast, simple and flexible installation.

Silentblock system
 Simple fixing using four anti-vibration mounts, reducing transmission of vibrations to the structure.

Integration with other systems
 Compatible with underfloor heating and cooling, low- and high-temperature radiators, additional fan coils and DHW systems.

Universal connectivity
 Connectable to any thermal production system, including aérothermal and geothermal units.

Multiple configurations
 Multiple configurations for air distribution (star or trunk layout), HVAC and ventilation.

Unit orientation flexibility
 Installation possible in all orientations thanks to versatile silentblock mounting points.

Parallel ceiling installation
 No need to calculate condensate slope; design allows installation even with a ceiling slope of up to 2%.

Adjustable drain outlets
 Three rotatable drain connections adaptable to the installation.

Adjustable air connections
 Modular connection design for quick and easy installation.

Siber® ONE

HIGH-PERFORMANCE VENTILATION

Maximum airtightness
 Air terminals designed to ensure maximum airtightness. Double symmetrical gasket guarantees a tight connection between duct and unit.

Ultra-quiet operation
 Designed to ensure minimal noise levels, delivering full acoustic comfort.

Automatic bypass for free cooling
 The bypass operates in both summer and winter to take advantage of favourable indoor temperature conditions without passing through the heat exchanger. Fully automatic operation (factory set).

High energy efficiency
 Unit designed with a cross-flow configuration and a high-performance counterflow heat exchanger.

Low consumption Specific Fan Power (SFP)
 Low SFP (power consumption per m³/h), ensuring high energy efficiency.

Air purification filters
 Wide range of filters across the three air streams (supply, extract and exhaust), ensuring indoor air quality.



Siber® ONE

EFFICIENT CLIMATE CONTROL



Efficient and sustainable climate control

High-efficiency system compatible with renewable energy sources such as solar, aerothermal and geothermal systems (multi-energy systems).

Suitable for any type of installation

Applicable to residential projects (single-family and multi-family), both individual and centralised systems.


Cooling and heating mode


Heating and cooling capacity up to 4-5 kW (EN 1397:2022).

Air distribution 
Up to 600 m³/h.

Dehumidification mode 
Reduction of relative humidity levels.

Efficient heat transfer 
Optimised water-to-air temperature transfer.

Brushless motor 
Available with variable speed motors controlled by integrated EC driver, ensuring efficient and adaptable operation.

Reduced heat pump demand 
Lowers the load on heat pumps, contributing to overall energy savings.

Siber® ONE

CONTROL



App

Control and monitor the unit directly from your smartphone.



Remote access and monitoring

Full remote control and real-time supervision, with access to system status and alerts for optimal performance.



Smartphone connectivity

Adapts to any type of building and integrates with Building Management Systems (BMS), whether new or existing.



Intuitive control

Simple and visual interface for quick and precise parameter adjustment and system management.



Modbus as standard

Modbus integrated as standard within the unit.



Room unit control

Compatible with any hydronic system (individual or centralised heat pumps, aerothermal, geothermal or chiller), enabling heating and cooling operation with 24h controlled ventilation.

A SINGLE SYSTEM

Energy certification

Improves the building's energy rating.



Certifications



* Certificación en proceso



Sustainability

Constructed from technical polymer and galvanised steel, reducing resource consumption and environmental impact.



Single point of contact

Simplifies on-site management, commissioning, maintenance and after-sales, ensuring compliance with RITE requirements.



Siber® ONE

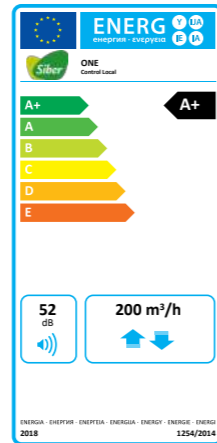
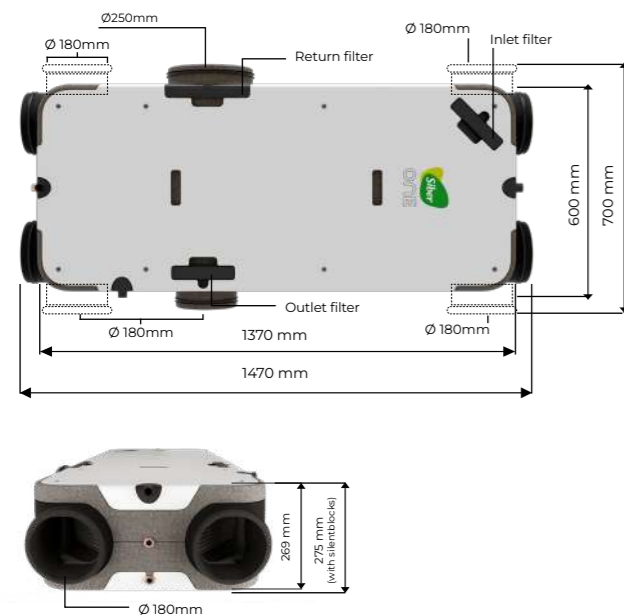


Compact individual residential air handling unit (AHU) per dwelling.

Ventilation unit combining heat recovery with air recirculation and an integrated thermal conditioning system.

This solution ensures maximum comfort with a single unit, using one duct network, optimising both installation and equipment within residential dwellings.

DIMENSIONS



Technology
Ventilación mecánica controlada Doble Flujo de **caudal constante**

System
Individualizado

Projects
Obra nueva o reforma

Buildings
Single and multi-family

Flow
max. 200 m³/h Standard ventilation: 600 m³/h climate + ventilation (recommended)

ADVANTAGES

- Heating/cooling capacity up to 4–5 kW (EN 1397:2022)
- High heat recovery performance
- Ultra-quiet operation
- Free cooling
- 100% automatic ventilation bypass
- 1/2" hydraulic connections
- Fast and simple installation
- Air terminals with maximum airtightness
- Orientable drain outlets
- Silentblock fixing supports
- Universal Modbus connectivity. Compatible with any heat pump

ONE SPECIFIC ADVANTAGES

- Very low SFP (<0.25)
- High heat recovery efficiency (>85%)
- Certified airflow performance
- Integrated Modbus connectivity
- Compatible with any heat pump

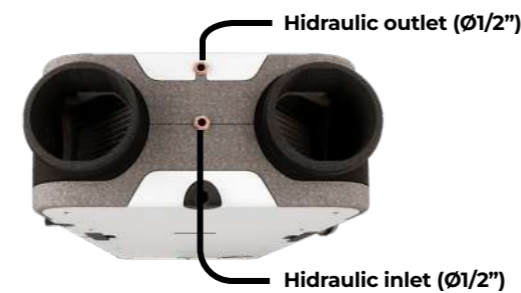
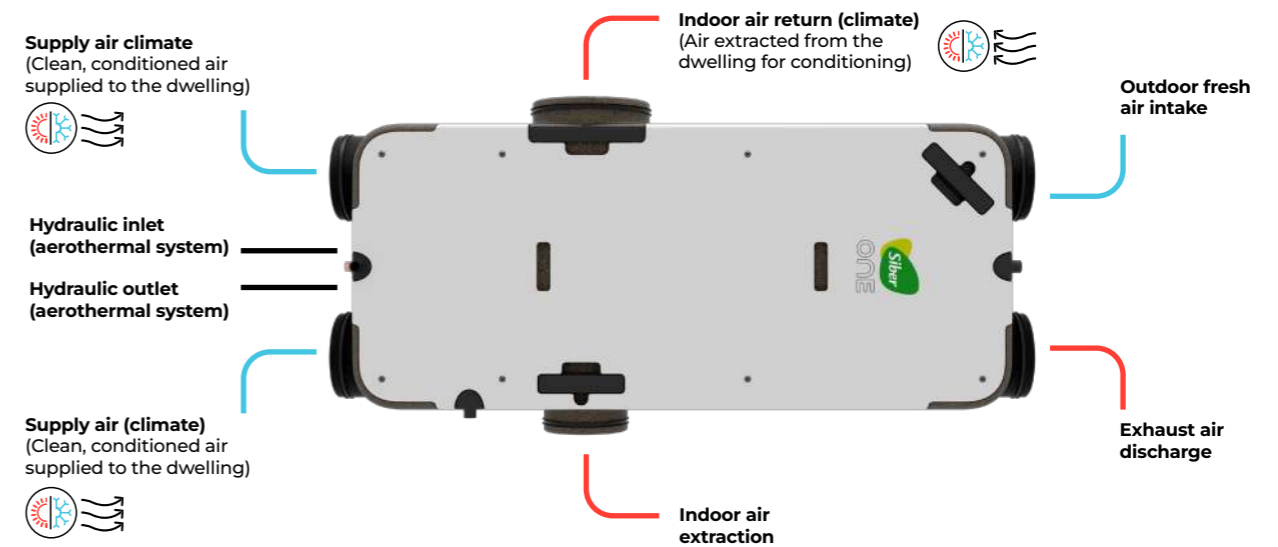
OPTIONAL CONTROL DEVICES

Room unit controller

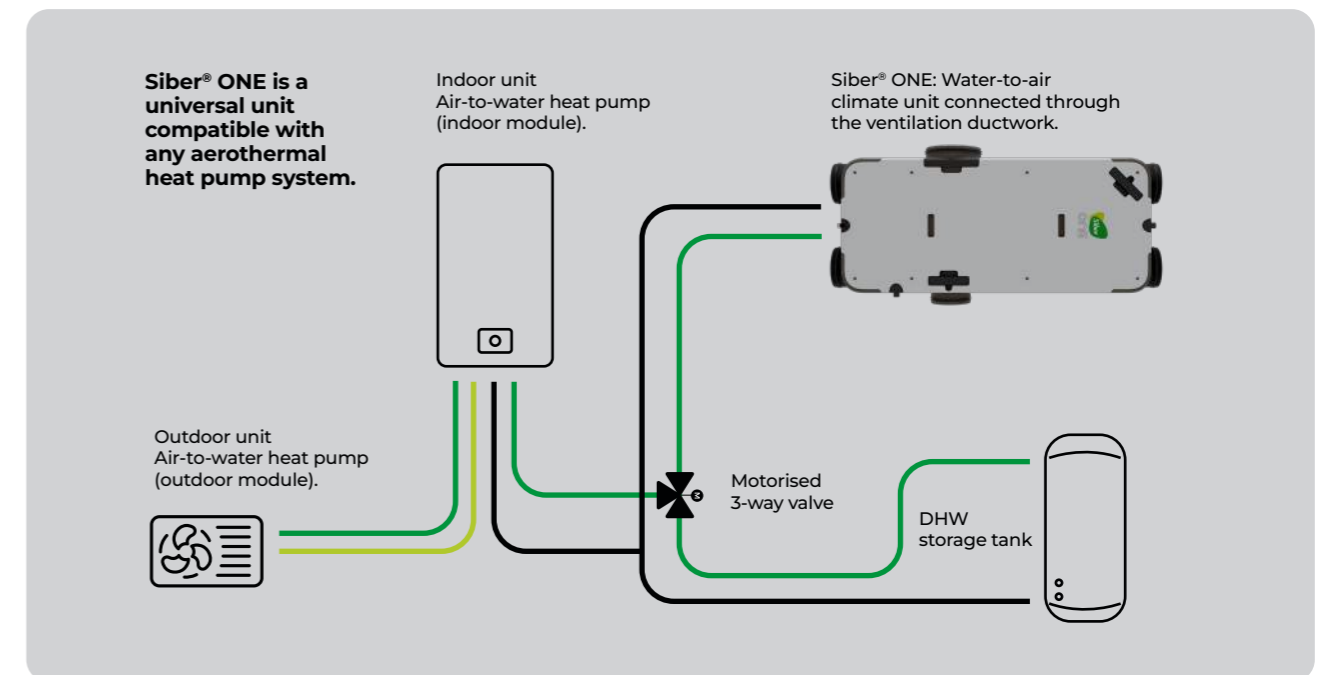


- 24V AC/DC power supply
- 128x128 pixel LCD display
- Modbus communication protocol
- Built-in temperature sensor
- Built-in humidity sensor

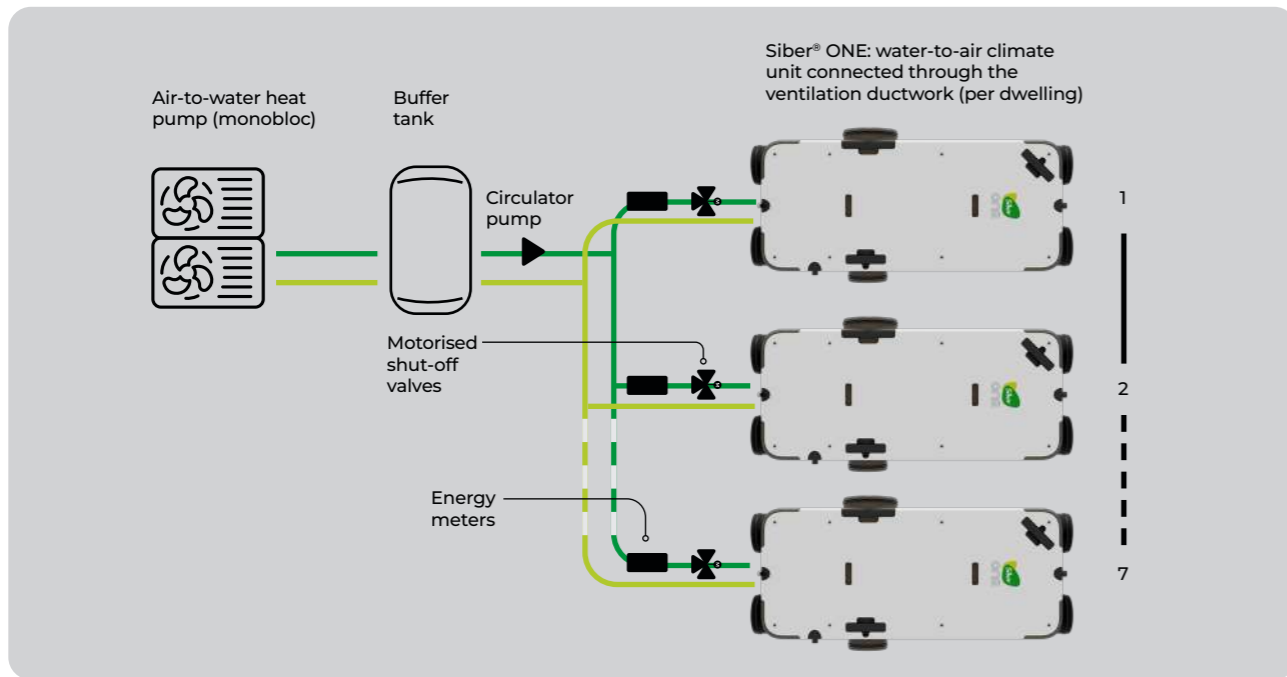
VENTILATION & CLIMATE CONTROL AIRFLOWS



TYPICAL SCHEME – INDIVIDUAL HYDRONIC INSTALLATION



TYPICAL SCHEME – CENTRALISED HYDRONIC INSTALLATION



TECHNICAL SPECIFICATIONS

Siber® ONE	
Power supply	230/ 50 Hz
Protection rating	IP 44
Dimensions (L x H x D)	1370 x600x275mm
Connection diameter	Ø 180
Climate recirculation diameter	Ø250 mm
Condensate drain diameter	1/2"
Weight	46 kg
Filter type	Coarse 65% (G4)
Maximum climate airflow (m³/h)	760 (*)
Heating capacity (EN 1397:2022)	Up to 4 kW
Cooling capacity (EN 1397:2022)	Hasta 5 kW

* Recommended climate airflow: 600 m³/h

THERMAL OPERATING CONDITIONS

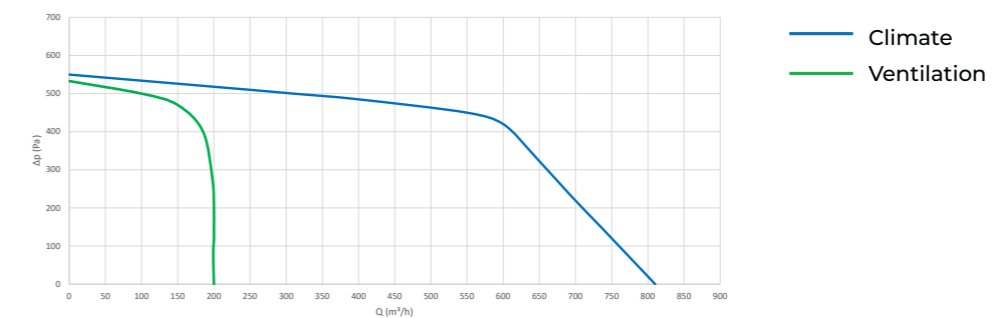
Parameter	Units	Siber® ONE cooling thermal operating						
		760	700	600	500	400	300	
Air flow	m³/h	760	700	600	500	400	300	
Total power	kW	4,45	4,07	3,67	3,19	2,67	2,16	
Sensible power	kW	3,20	2,94	2,64	2,28	1,92	1,53	
Water flow rate	l/h	761	690	630	547	444	372	
Pressure drop	kPa	63,2	54,9	46,3	36,6	25,2	18,3	

Water inlet temperature = 7 °C (ΔT=5°C)
 Air inlet temperature = 27 °C
 Air inlet relative humidity = 50%

Parameter	Units	Siber® ONE heating thermal operating						
		760	700	600	500	400	300	
Air flow	m³/h	760	700	600	500	400	300	
Total power	kW	4,22	3,89	3,42	2,88	2,46	1,97	
Sensible power	l/h	712	671	594	499	422	339	
Pressure drop	kPa	48,6	43,4	33	23	16,6	9,5	

Water inlet temperature = 45 °C (ΔT=5°C)
 Air inlet temperature = 20 °C
 Air inlet relative humidity = 51%

PERFORMANCE CURVE



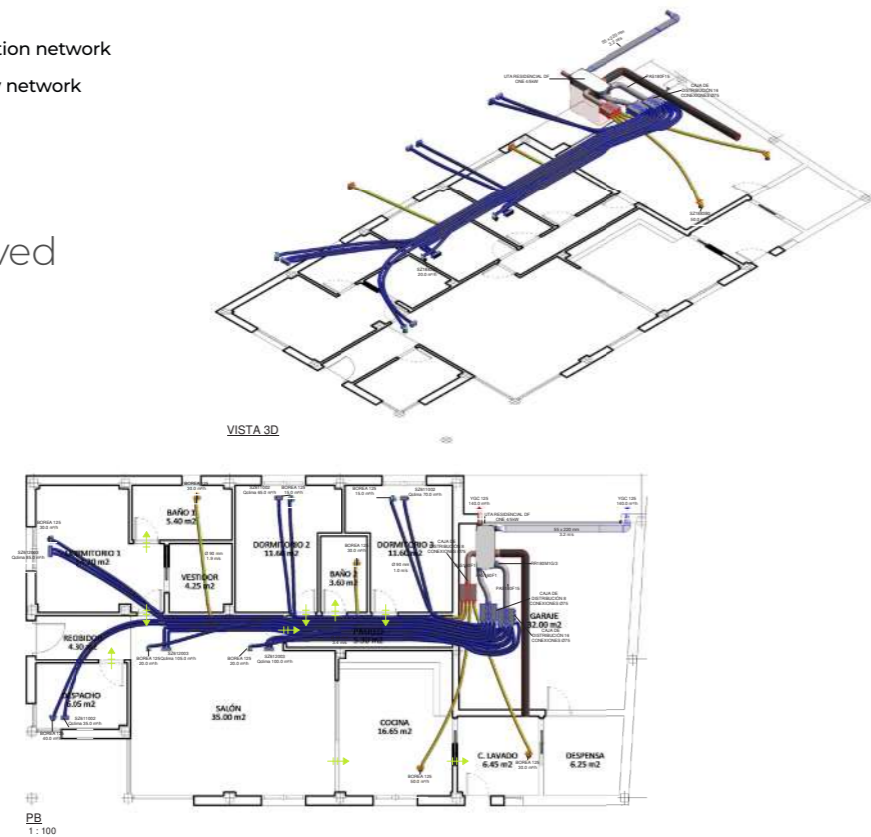
ACOUSTIC LEVELS

Ventilation / climate airflow (m³/h)	Ventilation				Climate			
	75	140	200	350	450	600	750	
Sound power Lw (A)	Static pressure (Pa)							
	50	50	100	50	50	50	50	
	Casing radiated noise dB(A)							
	50,5	52,0	56,4	53,9	55,3	59,5	63,1	
Sound pressure Lp (A) at 1.5 m	Extract duct dB(A)							
	47,2	53,7	58,6	57,4	58,1	60,0	61,9	
Sound pressure Lp (A) at 1.5 m	Supply duct dB(A)							
	57,3	63,8	69,9	63,8	69,3	73,4	77,4	
Sound pressure Lp (A) at 1.5 m	Casing radiated noise dB(A)							
	35,9	37,4	41,8	39,3	40,7	44,9	48,5	

EXAMPLE OF VENTILATION AND CLIMATE DUCTWORK SYSTEM

- Extraction network
- Supply network

BIM
Involved



Siber® DF EVO

HIGH PERFORMANCE, DESIGN AND INNOVATION

Maximum airtightness
Air terminals designed to ensure maximum airtightness. Double symmetrical gasket guarantees a tight connection between the duct and the unit.

Adjustable drain outlets
Rotatable drain outlets that can be oriented to suit the installation.

Lower pressure, higher airflow
Aerodynamic design for higher airflow with lower pressure losses. Greater energy efficiency.

Smart automatic bypass
Allows free cooling by taking advantage of favourable indoor temperatures without passing through the heat exchanger. This function is automatic and factory-set.

IP44 protection rating
IP44 protection rating allows installation in humid environments.

Constant airflow
Constant airflow ventilation technology with centrifugal direct current fan. Ensures stable airflow, low acoustic levels, reduced power consumption and high performance.

Certifications
Complies with the highest quality standards.

Low consumption
High-performance motors with proprietary technology, ensuring reduced energy consumption.

Ultra-compact
Compact unit that minimises space requirements.

Higher energy efficiency
Unit designed with cross-flow air paths and a high-performance counterflow heat exchanger, delivering up to 96% efficiency.

VERSATILITY, HEALTH AND SUSTAINABILITY

Wide range of tailor-made filters
Left- or right-hand configuration available in a single step.

Activated carbon Combined	ISO EPM1 55% ISO EPM1 80% ISO COARSE 65%	Filter box ISO EPM1 55% ISO COARSE 65%

Ultra-quiet
Ensures operation with minimal noise, delivering full acoustic comfort.

Vertical or horizontal installation
Includes two support options for wall or ceiling installation.

Left- or right-hand version
Left- or right-hand configuration available in a single step.

Fast and easy installation
Thanks to the installation template included in the product packaging.

Adjustable air connections
The first ventilation unit with a modular connection system for faster, easier installation.

Parallel ceiling position
No need to tilt the unit towards the condensate drain. Its design allows it to remain parallel to the ceiling, even with a slope of up to 2%.

Sustainability
Made from expanded polypropylene and galvanised steel, reducing resource consumption and environmental impact. Recyclable air connections.

Declaración Ambiental Producto by Siber

Siber® DF EVO



CONNECTIVITY

Take care of your health and your family's well-being by monitoring the air quality in your home

Wireless multi-control unit



Wireless 4-position push-button control



Wireless humidity sensor



Wireless CO₂ sensor



Turn your home into a Smart Home with Siber®



Modbus

Siber® DF EVO SMART ACCESSORIES	REF.
Wireless multi-control unit	DFEVCTRL08
4-position push-button control	DFPULS4B
CO ₂ Sensor	DFEVOCO2
Humidity sensor	DFEVOHR
RS485	DFEVORFRS485



App EVO

Siber® DF EVO SMART ACCESSORIES	REF.
Wireless multi-control unit	DFEVCTRL08
4-position push-button control	DFPULS4B
CO ₂ Sensor	DFEVOCO2
Humidity sensor	DFEVOHR
Ethernet gateway (App connection)	DFEVORFETH



KNX

Siber® DF EVO SMART ACCESSORIES	REF.
Wireless multi-control unit	DFEVCTRL08
4-position push-button control	DFPULS4B
CO ₂ Sensor	DFEVOCO2
Humidity sensor	DFEVOHR
RS485	DFEVORFRS485
EVO Connect	DFEVOCONNECT
Power supply	DFEVOFA24V



Power supply 24v



New EVO App, now available for end users
Air quality management in your hands



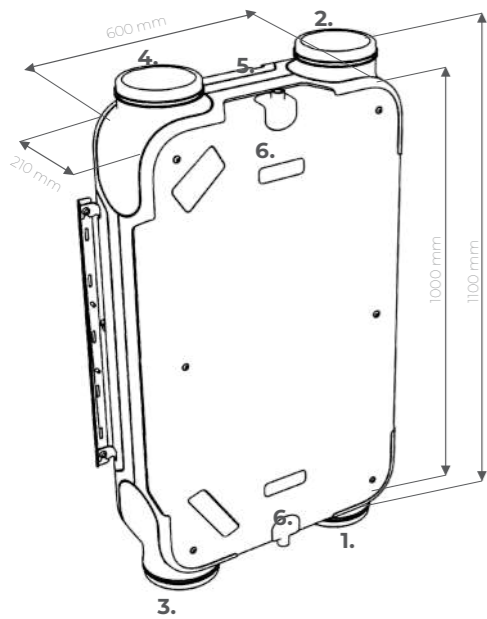
Siber® DF EVO 1

DF EVO 1 PR (integrated preheater)
DF EVO 1 Enthalpic
DF EVO 1 +



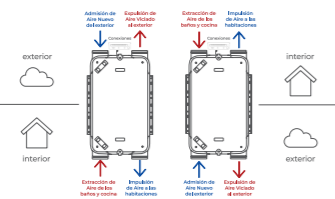
The lowest profile on the market (21 cm)

DIMENSIONS

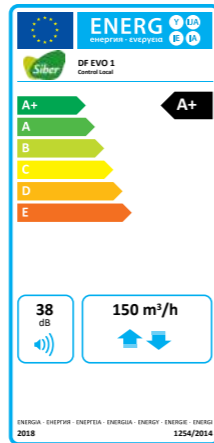


Airflow direction: right-hand version / left-hand version (original version)

- Supply air to the dwelling
- Fresh air intake from outside
- Extract air from the dwelling
- Exhaust air discharge to outside
- Electrical connections
- Condensate drain connection



*In the left-hand version, the installation shown is the mirror image of the drawing.
**Only enthalpic units require a condensate drain, which must be connected according to point 6.
***The DF PR version is supplied with a right-hand casing (left-hand version not available in PR).
**** The left-hand version has 2 condensate drains to choose from depending on the installation side.



Technology
Constant airflow
mechanical balanced
ventilation

System
Individual

Projects
New build or
refurbishment

Buildings
Single or multi-family

Flow
max. 150 m³/h

ADVANTAGES

- Constant airflow ventilation technology
- 100% automatic bypass
- Air purification: wide range of filters
- Adjustable air connections, maximum airtightness
- Double adjustable condensate drain
- Fast and simple installation
- Adjustable guides, silentblock mounting brackets
- Ultra-quiet operation
- Horizontal or vertical installation (left-hand and enthalpic versions)
- Parallel ceiling position
- High energy efficiency up to 95%
- No need to calculate condensate slope
- Control and management with wireless connectivity
- Passivhaus Institute certified
- EVO EVO (app) / requires Ethernet gateway

EVO 1 SPECIFIC ADVANTAGES
2 versions: right-hand casing and left-hand casing

EVO 1 PR SPECIFIC ADVANTAGES
Integrated 1000 W preheater

EVO 1 ENTHALPIC SPECIFIC ADVANTAGES
Partial humidity recovery

EVO 1 + SPECIFIC ADVANTAGES
Relative humidity reduction incorporated

OPTIONAL CONTROL DEVICES



RECOMMENDED



PREHEATER (Siber® DF EVO 1 PR version)

The preheater protects the ventilation unit's core during cold weather conditions.
The casing is made of Aluzinc-coated steel, offering high corrosion resistance.
Heating elements are manufactured in AISI 304L stainless steel. Power: 1 kW.
Equipped with an automatic thermal cut-out (clixon) set at 40°C to prevent overheating.

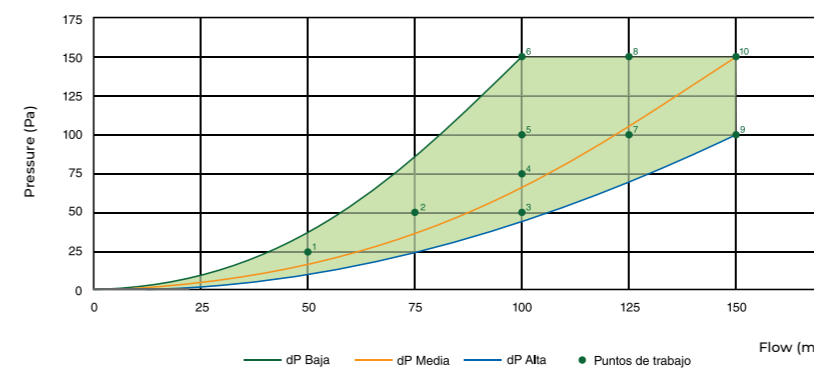
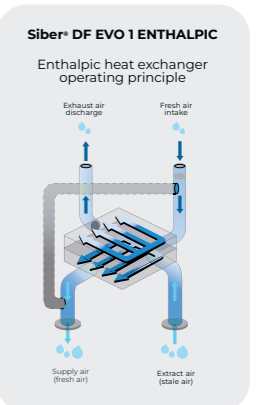
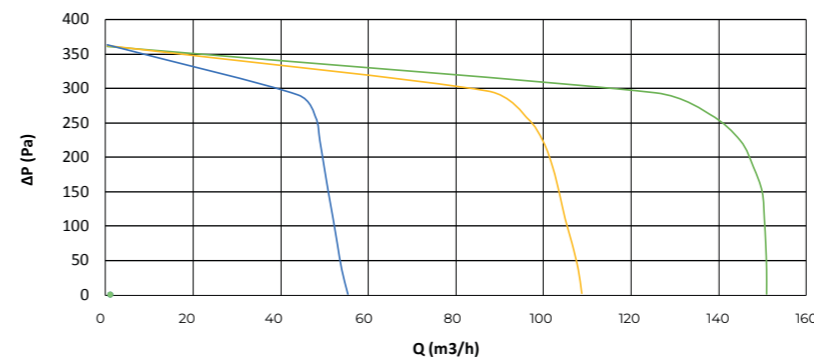


TECHNICAL SPECIFICATIONS

Siber® DF EVO 1 / EVO 1 PR / EVO 1 Enthalpic/ EVO 1 +					
Power supply	230/ 50 Hz				
Protection rating	IP 44				
Dimensions (L x H x D)	1000 x 600 x 210 mm				
Connection diameter	Ø 160				
Condensate drain diameter	1/2"				
Weight	24 Kg				
Filter type	Coarse 65% (G4)				
Fan speed (standard)					Boost mode
Wireless multi-control unit (optional)	0	1	2	3	Maximum
Ventilation airflow (m ³ /h)	30	75	100	140	150

Siber® DF EVO 1 / EVO 1 PR / EVO 1 Enthalpic / EVO 1 + acoustic levels							
Air flow (m ³ /h)		50	75	100	150		
Sound power Lw (A)	Static pressure (Pa)	25	50	50	100	100	150
	Casing radiated noise dB(A)	24	34	38	44	45	49
	Extract duct dB(A)	28	30	39	42	46	47
	Supply duct dB(A)	42	50	53	56	61	64
Sound pressure Lp (A) at 1.5 m	Casing radiated noise dB(A)	9	19	23	29	30	34

PERFORMANCE CURVE



Work points	FLOW (m ³ /h)	PRESSURE (Pa)	POWER (W)	SFP (W/l/s)
1	50	25	9.24	0.67
2	75	50	15.37	0.74
3	100	50	20.55	0.74
4	100	75	24.52	0.88
5	100	100	28.87	1.04
6	100	150	37.62	1.35
7	125	100	37.13	1.07
8	125	150	46.07	1.33
9	150	100	48.14	1.16
10	150	150	58.25	1.40

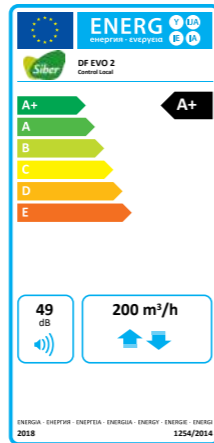
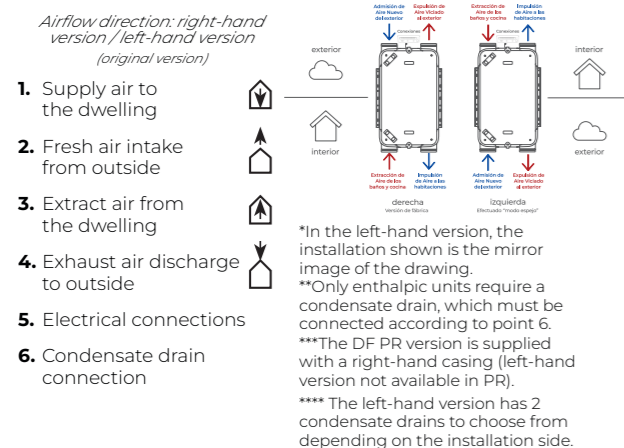
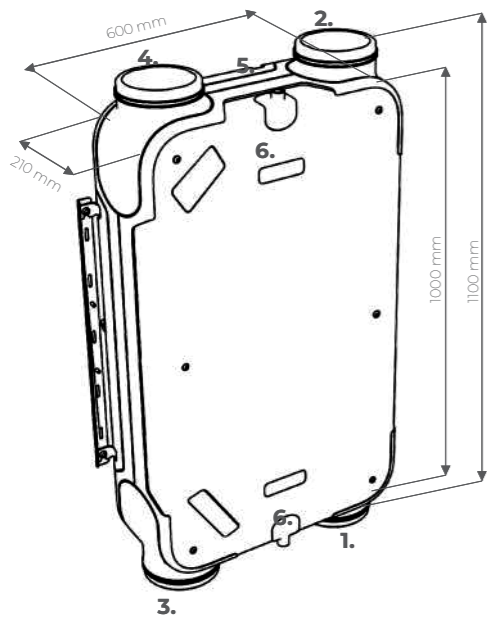
Siber® DF EVO 2

DF EVO 2 PR (integrated preheater)
DF EVO 2 Enthalpic
DF EVO 2 +



The lowest profile on the market (21 cm)

DIMENSIONS



ADVANTAGES

- Constant airflow ventilation technology
- 100% automatic bypass
- Air purification: wide range of filters
- Adjustable air connections, maximum airtightness
- Double adjustable condensate drain
- Fast and simple installation
- Adjustable guides, silentblock mounting brackets
- Ultra-quiet operation
- Horizontal or vertical installation (left-hand and enthalpic versions)
- Parallel ceiling position
- High energy efficiency up to 95%
- No need to calculate condensate slope
- Control and management with wireless connectivity
- Passivhaus Institute certified
- EVO EVO (app) / requires Ethernet gateway

EVO 2 SPECIFIC ADVANTAGES
2 versions: right-hand casing and left-hand casing

EVO 2 PR SPECIFIC ADVANTAGES
Integrated 1000 W preheater

EVO 2 ENTHALPIC SPECIFIC ADVANTAGES
Partial humidity recovery

EVO 2 + SPECIFIC ADVANTAGES
Relative humidity reduction incorporated

OPTIONAL CONTROL DEVICES



RECOMMENDED



Technology

Constant airflow
mechanical balanced
ventilation

System

Individual

Projects

New build or
refurbishment

Buildings

Single or multi-family

Flow

max. 200 m³/h

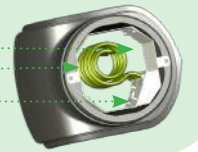
PREHEATER (Siber® DF EVO 2 PR version)

The preheater protects the ventilation unit's core during cold weather conditions.

The casing is made of Aluzinc-coated steel, offering high corrosion resistance.

Heating elements are manufactured in AISI 304L stainless steel. Power: 1 kW.

Equipped with an automatic thermal cut-out (clixon) set at 40°C to prevent overheating.

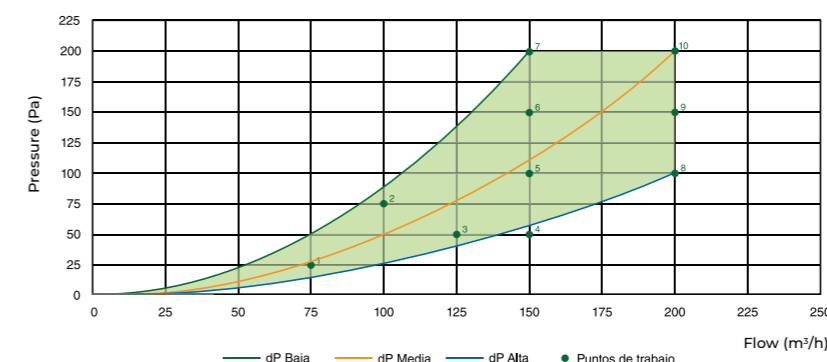
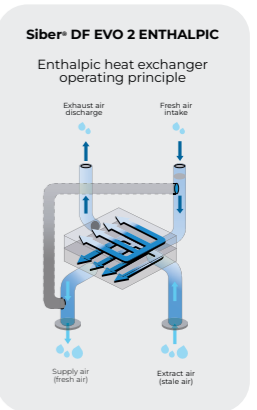
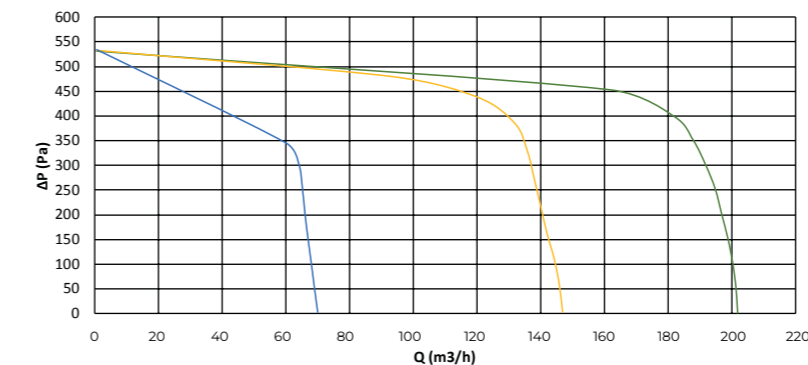


TECHNICAL SPECIFICATIONS

Siber® DF EVO 2 / EVO 2 PR / EVO 2 Enthalpic/ EVO 2 +					
Power supply	230/ 50 Hz				
Protection rating	IP 44				
Dimensions (L x H x D)	1000 x 600 x 210 mm				
Connection diameter	Ø 160				
Condensate drain diameter	1/2"				
Weight	24 Kg				
Filter type	Coarse 65% (G4)				
Fan speed (standard)					Boost mode
Wireless multi-control unit (optional)	0	1	2	3	Maximum
Ventilation airflow (m³/h)	30	75	100	150	200

Siber® DF EVO 2 / EVO 2 PR / EVO 2 Enthalpic / EVO 2 + acoustic levels							
Air flow (m³/h)		75	125	150	200		
Sound power Lw (A)	Static pressure (Pa)	25	50	50	100	150	200
	Casing radiated noise dB(A)	33	42	44	46	51	56
	Extract duct dB(A)	34	43	45	48	50	57
	Supply duct dB(A)	46	51	59	62	65	66
Sound pressure Lp (A) at 1.5 m	Casing radiated noise dB(A)	18	27	29	31	36	41

PERFORMANCE CURVE



Work points	FLOW (m³/h)	PRESSURE (Pa)	POWER (W)	SFP (W/l/s)
1	75	25	12.61	0.61
2	100	75	25.31	0.91
3	125	50	29.16	0.84
4	150	50	39.20	0.94
5	150	100	49.65	1.19
6	150	150	60.92	1.46
7	150	200	72.60	1.74
8	200	100	81.33	1.46
9	200	150	93.10	1.68
10	200	200	106.48	1.92

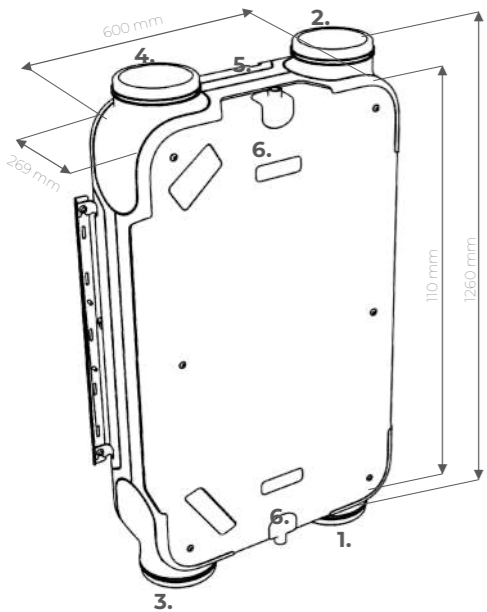
Siber® DF EVO 3

DF EVO 3 PR (integrated preheater)
DF EVO 3 Enthalpic



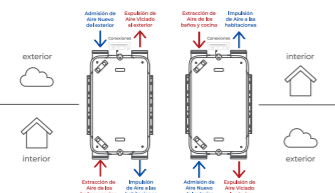
Only 27 cm deep

DIMENSIONS

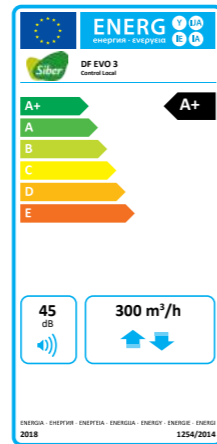


Airflow direction: right-hand version / left-hand version (original version)

- Supply air to the dwelling
- Fresh air intake from outside
- Extract air from the dwelling
- Exhaust air discharge to outside
- Electrical connections
- Condensate drain connection



*In the left-hand version, the installation shown is the mirror image of the drawing.
**Only enthalpic units require a condensate drain, which must be connected according to point 6.
***The DF PR version is supplied with a right-hand casing (left-hand version not available in PR).
**** The left-hand version has 2 condensate drains to choose from depending on the installation side.



Technology
Constant airflow ventilation
mechanical balanced ventilation

System
Individual

Projects
New build or refurbishment

Buildings
Single or multi-family

Flow
max. 300 m³/h

ADVANTAGES

- Constant airflow ventilation technology
- 100% automatic bypass
- Air purification: wide range of filters
- Adjustable air connections, maximum airtightness
- Double adjustable condensate drain
- Fast and simple installation
- Adjustable guides, silentblock mounting brackets
- Ultra-quiet operation
- Horizontal or vertical installation (left-hand and enthalpic versions)
- Parallel ceiling position
- High energy efficiency up to 95%
- No need to calculate condensate slope
- Control and management with wireless connectivity
- Passivhaus Institute certified
- EVO EVO (app) / requires Ethernet gateway

EVO 3 SPECIFIC ADVANTAGES
2 versions: right-hand casing and left-hand casing

EVO 3 PR SPECIFIC ADVANTAGES
Integrated 1000 W preheater

EVO 3 ENTHALPIC SPECIFIC ADVANTAGES
Partial humidity recovery

OPTIONAL CONTROL DEVICES



RECOMMENDED

PREHEATER (Siber® DF EVO 3 PR version)

The preheater protects the ventilation unit's core during cold weather conditions.
The casing is made of Aluzinc-coated steel, offering high corrosion resistance. Heating elements are manufactured in AISI 304L stainless steel. Power: 1 kW. Equipped with an automatic thermal cut-out (clixon) set at 40°C to prevent overheating.

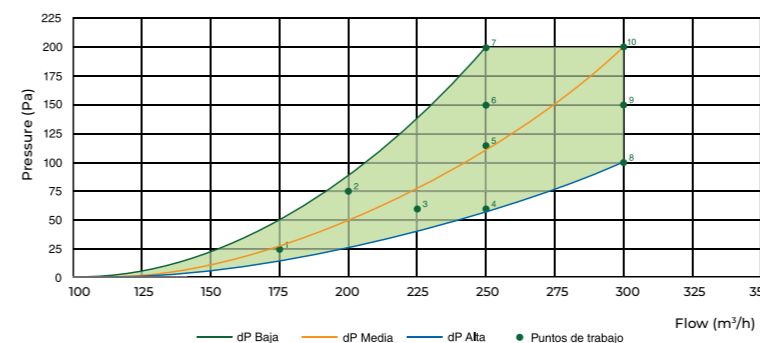
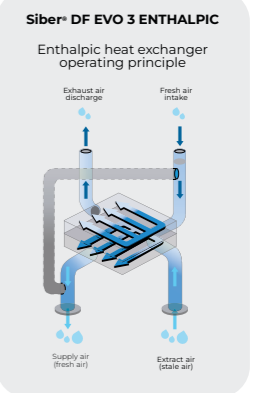
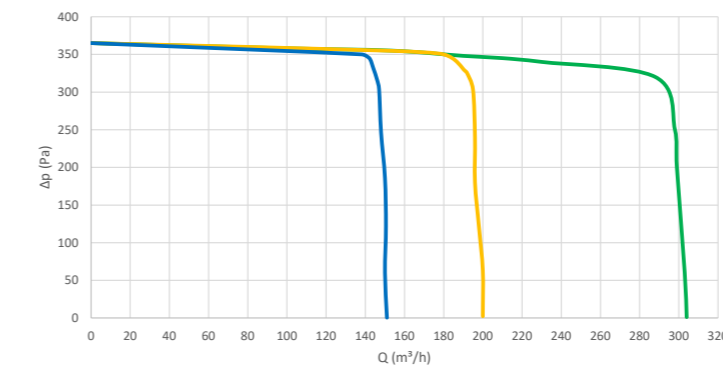


TECHNICAL SPECIFICATIONS

Siber® DF EVO 3 / EVO 3 PR / EVO 3 Enthalpic					
Power supply	230V/ 50 Hz				
Protection rating	IP 44				
Dimensions (L x H x D)	1160 x 600 x 269 mm				
Connection diameter	Ø 160				
Condensate drain diameter	1/2"				
Weight	36 kg				
Filter type	Coarse > 65% (G4)				
Fan speed (standard)					
Wireless multi-control unit (optional)	0	1	2	3	Maximum
Ventilation airflow (m³/h)	90	120	180	240	300

Siber® DF EVO 3 / EVO 3 PR / EVO 3 Enthalpic acoustic levels								
Air flow (m³/h)		90	150	200	300			
Sound power Lw (A)	Static pressure (Pa)	50	50	100	80	150	100	200
	Casing radiated noise dB(A)	36	40	44	46	49	52	54
	Extract duct dB(A)	38	42	46	47	50	54	56
	Supply duct dB(A)	53	55	60	61	64	67	69
Sound pressure Lp (A) at 1.5 m	Casing radiated noise dB(A)	21	25	29	31	34	37	39

PERFORMANCE CURVE



Work points	FLOW (m³/h)	PRESSURE (Pa)	POWER (W)	SFP (W/l/s)
1	175	25	28	0.58
2	200	75	56.2	1.01
3	225	60	66.5	1.06
4	250	60	84	1.21
5	250	120	106	1.53
6	250	150	113	1.63
7	250	200	151	2.17
8	300	100	133	1.60
9	300	150	146	1.75
10	300	200	153	1.84

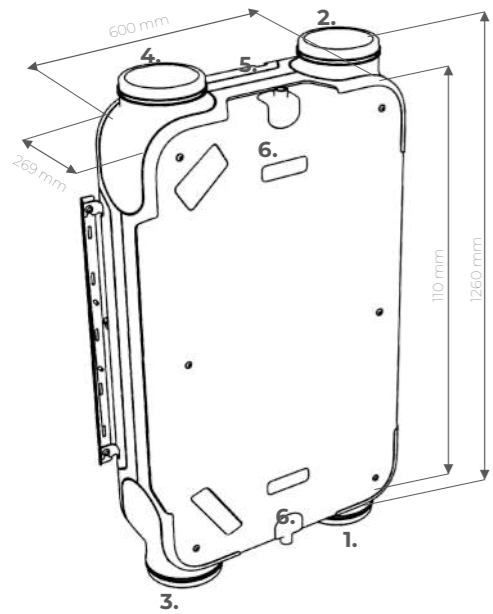
Siber® DF EVO 4

DF EVO 4 PR (integrated preheater)
DF EVO 4 Enthalpic



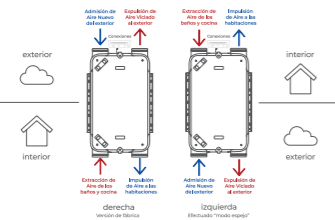
Only 27 cm deep

DIMENSIONS

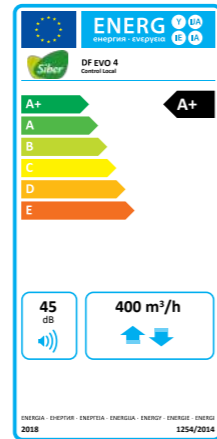


Airflow direction: right-hand version / left-hand version (original version)

- Supply air to the dwelling
- Fresh air intake from outside
- Extract air from the dwelling
- Exhaust air discharge to outside
- Electrical connections
- Condensate drain connection



*In the left-hand version, the installation shown is the mirror image of the drawing.
**Only enthalpic units require a condensate drain, which must be connected according to point 6.
***The DF PR version is supplied with a right-hand casing (left-hand version not available in PR).
**** The left-hand version has 2 condensate drains to choose from depending on the installation side.



Technology
Constant airflow
mechanical balanced
ventilation

System
Individual

Projects
New build or
refurbishment

Buildings
Single or multi-family

Flow
max. 400 m³/h

ADVANTAGES

- Constant airflow ventilation technology
- 100% automatic bypass
- Air purification: wide range of filters
- Adjustable air connections, maximum airtightness
- Double adjustable condensate drain
- Fast and simple installation
- Adjustable guides, silentblock mounting brackets
- Ultra-quiet operation
- Horizontal or vertical installation (left-hand and enthalpic versions)
- Parallel ceiling position
- High energy efficiency up to 95%
- No need to calculate condensate slope
- Control and management with wireless connectivity
- Passivhaus Institute certified
- EVO EVO (app) / requires Ethernet gateway

EVO 4 SPECIFIC ADVANTAGES
2 versions: right-hand casing and left-hand casing

EVO 4 PR SPECIFIC ADVANTAGES
Integrated 1000 W preheater

EVO 4 ENTHALPIC SPECIFIC ADVANTAGES
Partial humidity recovery

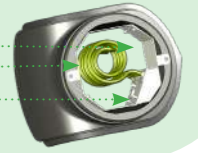
OPTIONAL CONTROL DEVICES



RECOMMENDED

PREHEATER (Siber® DF EVO 4 PR version)

The preheater protects the ventilation unit's core during cold weather conditions.
The casing is made of Aluzinc-coated steel, offering high corrosion resistance. Heating elements are manufactured in AISI 304L stainless steel. Power: 1 kW. Equipped with an automatic thermal cut-out (clixon) set at 40°C to prevent overheating.

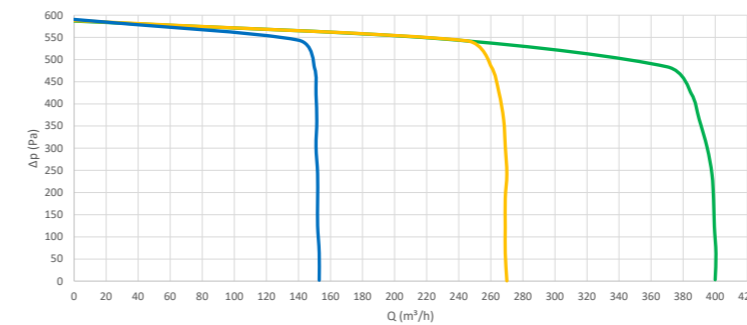


TECHNICAL SPECIFICATIONS

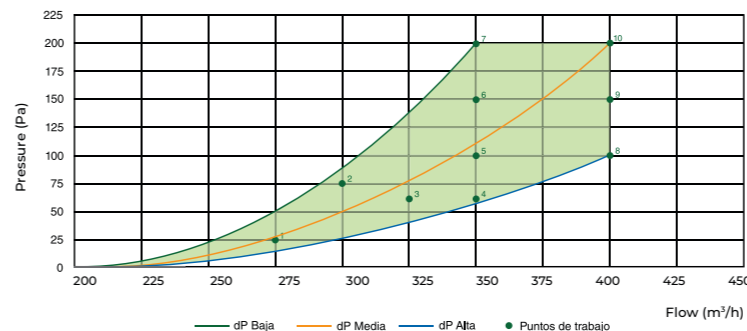
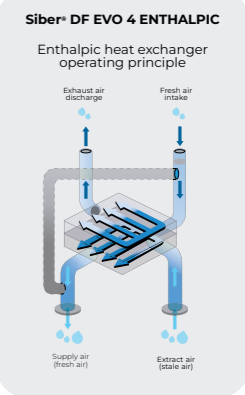
Siber® DF EVO 4 / EVO 4 PR / EVO 4 Enthalpic					
Power supply	230V/ 50 Hz				
Protection rating	IP 44				
Dimensions (L x H x D)	1160 x 600 x 269 mm				
Connection diameter	Ø 160				
Condensate drain diameter	1/2"				
Weight	39 Kg				
Filter type	Coarse > 65% (G4)				
Fan speed (standard)					
Wireless multi-control unit (optional)	0	1	2	3	Maximum
Ventilation airflow (m³/h)	180	275	300	350	400

Siber® DF EVO 4 / EVO 4 PR / EVO 4 Enthalpic acoustic levels								
Air flow (m³/h)		100	200	300	400			
Sound power Lw (A)	Static pressure (Pa)	100	80	150	100	175	100	175
	Casing radiated noise dB(A)	40	45	49	53	55	59	60
	Extract duct dB(A)	42	59	49	53	55	59	60
	Supply duct dB(A)	56	59	62	65	66	70	70
Sound pressure Lp (A) at 1.5 m	Casing radiated noise dB(A)	25	30	34	38	40	44	45

PERFORMANCE CURVE



Maximum speed
Medium speed
Low speed



Work points	FLOW (m³/h)	PRESSURE (Pa)	POWER (W)	SFP (W/l/s)
1	275	25	86.4	1.13
2	300	75	122	1.46
3	325	60	143	1.58
4	350	60	168	1.73
5	350	100	162	1.67
6	350	150	192	1.97
7	350	200	234	2.41
8	400	100	235	2.12
9	400	150	257	2.31
10	400	200	280	2.52

Siber® SF ECO AUTO

HIGH PERFORMANCE

Ultra-slim
Compact unit that minimises space requirements.

Lower pressure, higher flow rate
Aerodynamic design with optimised air outlet. Higher airflow with lower losses. Greater energy efficiency.



Lower consumption, higher efficiency
Siber units ensure minimum energy consumption thanks to their fan technology.



Certifications
Complies with the highest quality standards.

Protection rating
Certified IP44 rating. Allows installation in wet rooms.

DESIGN AND INNOVATION

Adaptable spigots
Perfect for any type of duct.



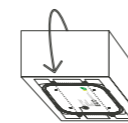
Multi-position unit
Can be mounted horizontally, vertically or even sideways.

Ultra-quiet
Ensures operation with the lowest noise level, guaranteeing full acoustic comfort.

VERSATILITY

Adjustable spigots
360°. Maximum installation versatility.

Quick and easy installation
Thanks to the installation template included in the unit packaging.



Built-in dampers
Wide-frequency-range elastoblock silentblocks included to absorb vibrations and noise at fixing points.

SUSTAINABILITY

Sustainability
Designed with polypropylene expanded with natural grain, reducing resource consumption and environmental impact. Recyclable spigots.



Declaración Ambiental Producto

Siber® SF ECO HIGRO

HIGH PERFORMANCE

Ultra-slim
Compact unit that minimises space requirements.

Self-balancing
Maintains the available pressure consistently.

Lower pressure, higher flow rate
Aerodynamic design with optimised air outlet. Higher airflow with lower losses. Greater energy efficiency.

Constant airflow
Constant airflow ventilation technology, with a forward-curved centrifugal fan and forward blades. This technology ensures constant airflow, reduced acoustic levels, and simple, low-maintenance operation.

Smart connectivity
Hygro+ model: CO₂ | Humidity | VOC

Tailored control
Custom control via integrated potentiometer.

Certifications
Complies with the highest quality standards. Complies with standard DIT 5977/23.

Protection rating
Certified IP44 rating. Allows installation in wet rooms.

Lower consumption, higher efficiency
Siber units ensure minimum energy consumption thanks to their fan technology.



DESIGN AND INNOVATION

Adaptable spigots
Perfect for any type of duct.



Multi-position unit
Can be mounted horizontally, vertically or even sideways.

Ultra-quiet
Ensures operation with the lowest noise level, guaranteeing full acoustic comfort.

Specific fan power
The lowest SFP (consumption per m³/h) on the market.

VERSATILITY

Adjustable spigots
360°. Maximum installation versatility.

Quick and easy installation
Thanks to the installation template included in the unit packaging.

Built-in dampers
Wide-frequency-range elastoblock silentblocks included to absorb vibrations and noise at fixing points.

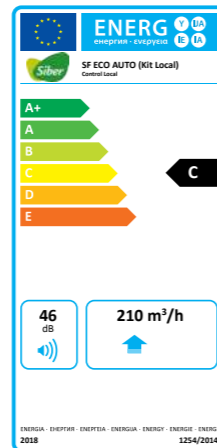
SUSTAINABILITY

Sustainability
Designed with polypropylene expanded with natural grain, reducing resource consumption and environmental impact. Recyclable spigots.



Declaración Ambiental Producto

Siber® SF ECO AUTO



Technology

Self-regulating single-flow mechanical ventilation

System

Individualised

Projects

New build or refurbishment

Buildings

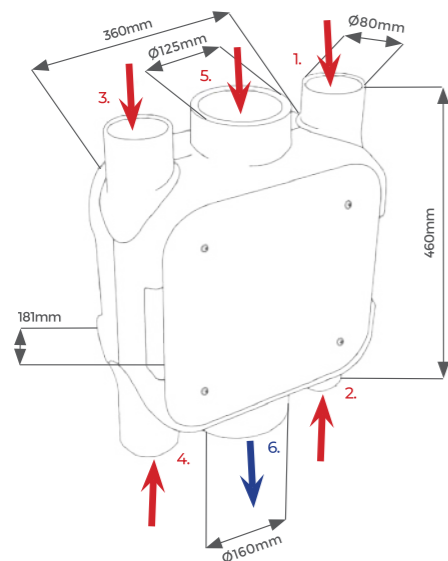
Multi or Single-family

Airflow

max. 210 m³/h

The Siber® **SF ECO AUTO** ventilation unit is designed for extracting stale air using a self-regulating single-flow MV system. The unit features multiple spigots and can be installed both horizontally and vertically. It is especially recommended for false ceilings thanks to its low profile.

DIMENSIONS



1.	Extraction spigot Ø80mm
2.	Extraction spigot Ø80mm
3.	Extraction spigot Ø80mm
4.	Extraction spigot Ø80mm
5.	Extraction spigot Ø125mm
6.	Extraction spigot Ø160mm

ADVANTAGES

- Very compact and lightweight
- Made of technical polypropylene
- Extraction airflow up to 210 m³/h and pressure up to 275 Pa
- 1 exhaust outlet Ø160 mm, reducing pressure losses, ensuring lower noise and lower energy consumption
- IP44 protection rating
- Speed control via cable or remote control (optional)
- Ultra-quiet operation and low consumption
- 360° adjustable spigots with maximum airtightness
- Quick and easy installation, multi-position
- Installation template included with anti-vibration silentblocks
- 1 exhaust connection Ø125 mm to exhaust outlet Ø160 mm
- 4 Ø80 mm connections for bathroom extraction
- Adaptable connections for any type of duct
- Removable cover, facilitating maintenance

OPTIONAL CONTROL DEVICES

DFI3-LCE

3-speed wired controller



I3SZ

Touch control with 3 speeds and ON/OFF button



I PV/GV

2-speed switch

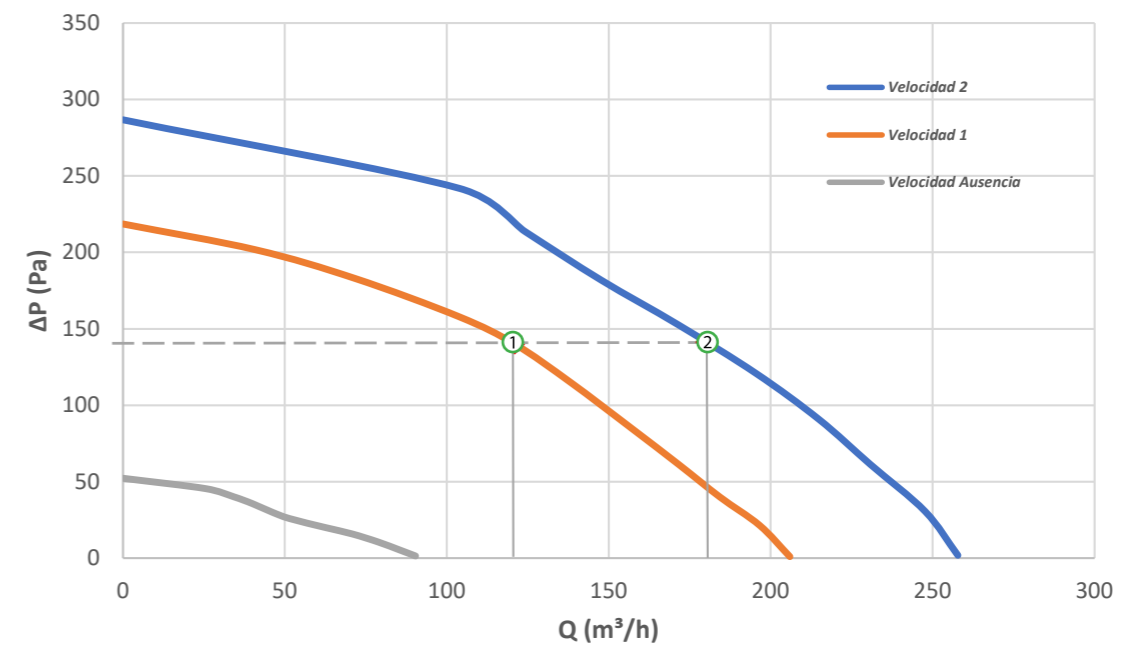


RECOMMENDED OPTION

TECHNICAL SPECIFICATIONS

Siber® SF ECO AUTO			
Power supply	230V/ 50 Hz		
Protection rating	IP44		
Dimensions (W x H x D) (mm)	460 x 360 x 181 mm		
Connection diameter (mm)	Ø80 (x4) / Ø125 / Ø160 mm		
Weight (kg)	3,5		
Maximum airflow (ErP) at 100 Pa	210 m ³ /h		
Speeds selectable with optional 3-position switch	1	2	3
Airflow rate (m ³ /h)	45	91	124
Pressure (Pa)	50	100	125

PERFORMANCE CURVE



Work points	1	2
Flow (m ³ /h)	120	180
Pressure (Pa)	140	140
Consumption (W)	34	53

Siber® SF ECO HIGRO / HIGRO +

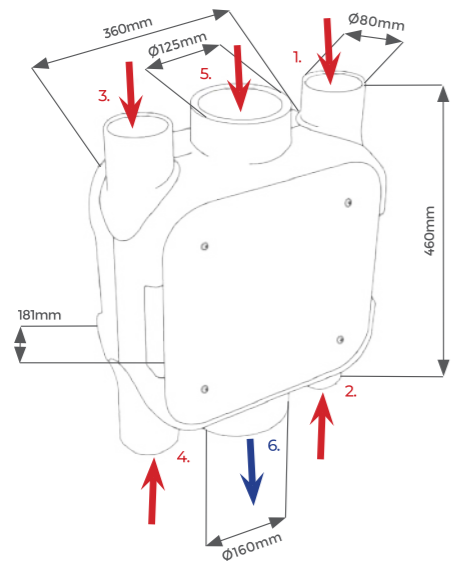


HIGRO+ SMART CONTROL

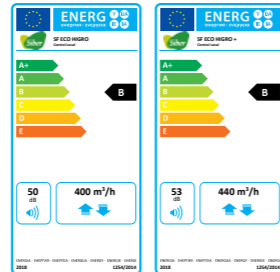
Integrated electronics with 0-10 V output and interface module with external sensor (CO₂, humidity, VOCs) and dry contact.

The **SF ECO HIGRO y HIGRO+** ventilation units are designed for the extraction of stale air with a humidity-regulating single-flow MVHR system. The multi-position unit can be installed both horizontally and vertically and is especially recommended for false ceilings due to its low profile.

DIMENSIONS



1.	Extraction spigot Ø80mm
2.	Extraction spigot Ø80mm
3.	Extraction spigot Ø80mm
4.	Extraction spigot Ø80mm
5.	Extraction spigot Ø125mm
6.	Extraction spigot Ø160mm



Technology

Hygro-regulating single-flow mechanical ventilation

System

Individualised

Projects

New build or refurbishment

Buildings

Multi or Single-family

Caudal

Higro máx. 400 m³/h
Higro+ máx. 440 m³/h

ADVANTAGES

- Very compact and lightweight
- Hygro: airflow up to 400 m³/h, pressure up to 200 Pa.
- Hygro+: airflow up to 440 m³/h, pressure up to 350 Pa
- IP44 protection rating
- Speed control via cable or remote control (optional)
- Ultra-quiet, low-consumption operation
- Energy efficiency class B according to Regulation CE n°1253/2014
- 360° adjustable spigots with maximum airtightness
- Quick and easy installation, multi-position
- Installation template included with anti-vibration silentblocks
- 1 Ø125 mm connection to 1 Ø160 mm exhaust outlet
- 4 Ø80 mm connections for bathroom extraction
- Adaptable connections for any type of duct
- Removable cover for easy maintenance

HIGRO+ SPECIFIC ADVANTAGES

Home automatic control
CO₂ / VOC dry contact control

OPTIONAL CONTROL DEVICES

DFI3-LCE

3-speed wired controller



I3SZ

Touch control with 3 speeds and ON/OFF button



I PV/GV

2-speed switch



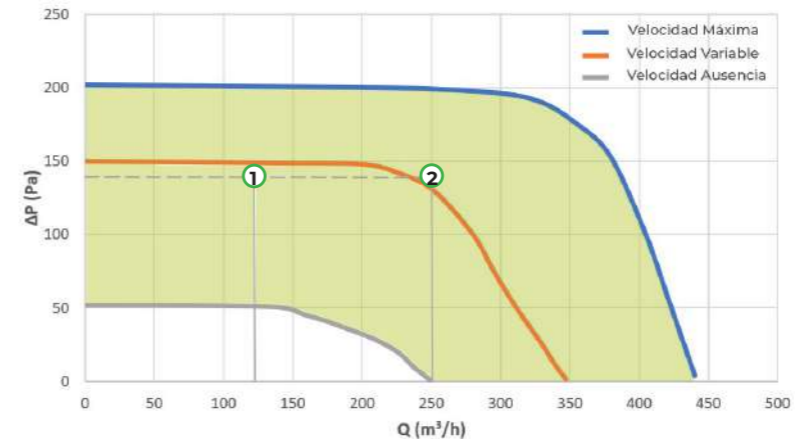
RECOMMENDED OPTION

TECHNICAL SPECIFICATIONS

Siber® SF ECO HIGRO / HIGRO+	HIGRO			HIGRO+		
Power supply	230V/ 50 Hz					
Protection rating	IP44					
Dimensions (W x H x D) (mm)	460 x 360 x 181 mm					
Connection diameter (mm)	Ø80 (x4) / Ø125 / Ø160 mm					
Weight (kg)	3,5					
Maximum airflow (ErP) at 100 Pa	400 m ³ /h			440 m ³ /h		
Speeds selectable with optional 3-position switch	1	2	3	1	2	3
Airflow rate (m ³ /h)	100	120	200	100	120	200
Pressure (Pa)	60	130	150	80	130	200

PERFORMANCE CURVE

SF ECO HIGRO

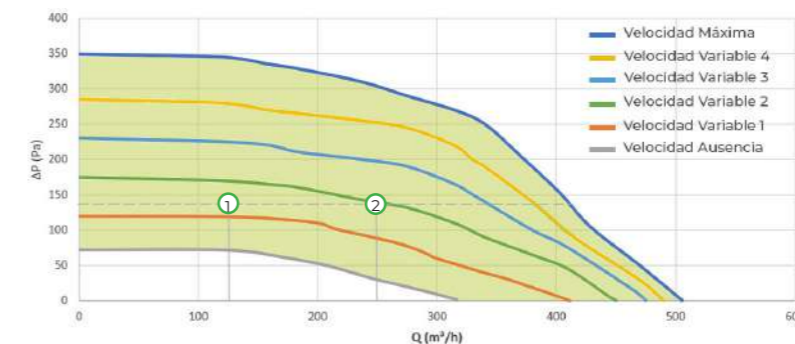


Variable speed range from 20% to 100%. EC motor.

Work points	1	2
Flow (m ³ /h)	120	250
Pressure (Pa)	140	140
Consumption (W)	18	33

* Example mode

SF ECO HIGRO+



Rango de la velocidad variable entre 20% y 100%. Motor EC.

Work points	1	2
Flow (m ³ /h)	120	250
Pressure (Pa)	140	140
Consumption (W)	17	33

* Example mode

Ventilation duct networks

PURE SAFEFIX AND SAFEFIX



Easy installation

A simple "click" and the ducts are installed. Quick and easy.



Adaptability

System for every need. Hybrid, mixed, circular or rectangular.



Accessories

Wide range of compact anti-shock accessories.



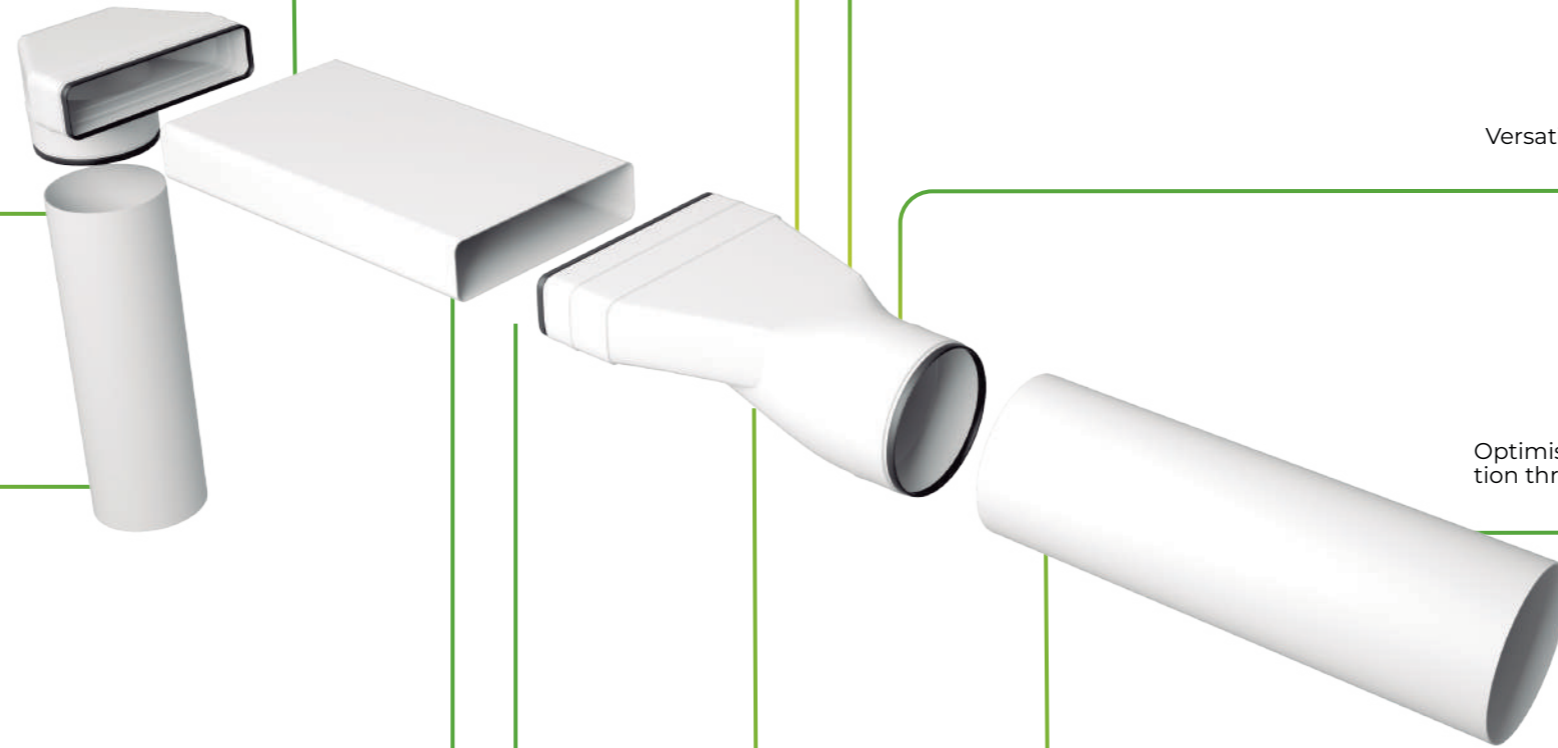
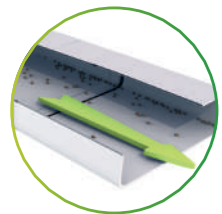
Adjustable

Adjustable clamps that make installation faster.



Smooth inner wall

Lower pressure drop. Less disturbance and noise. Less dust retention.



Lightweight duct network

Compatible

Can be used with rigid ducts and other materials (metallic, insulated, etc.).

Modularity

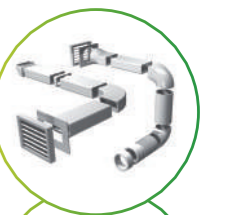
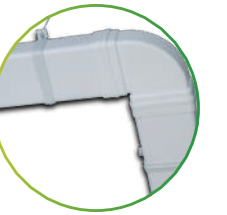
Versatility and functionality thanks to its male-female connections.

Durability

Optimised design. Continuous cross-section throughout the system. No crushing or breakage resistance loss.

Chemically inert and non-toxic

Anti-corrosion. Resistant to water and rot. Self-extinguishing.



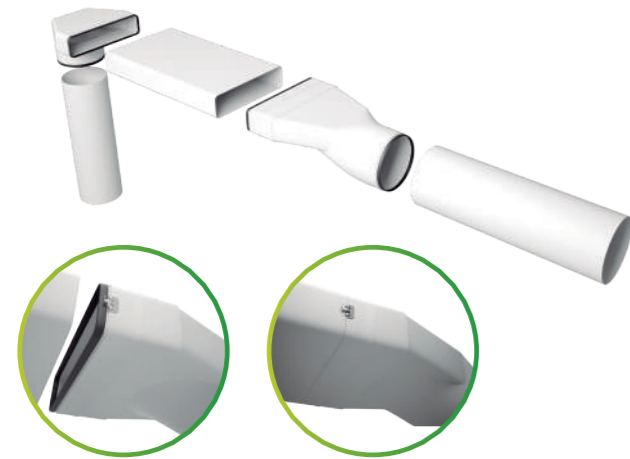
Versatile duct network

In tree and radial configurations.

Siber® Pure SafeFix



Siber® SafeFix



EASY AND QUICK INSTALLATION

Simple fixing of the duct, requiring only a clamp for secure fastening. In addition, thanks to its 55 mm height, it enables installation in false ceilings and walls.

AIRTIGHTNESS AND DURABILITY

Integrated system with male-female connections, a fixing clip for high mechanical resistance and an EPDM gasket that provides airtightness without the need for sealant or adhesive tape.

TIME SAVINGS DURING INSTALLATION

Siber® SafeFix accessories make it possible to achieve significant time savings in installation thanks to their mechanical couplings, with no need for tools, secured by the optional fixing clip.

MODULARITY

Network flexibility that allows adaptation to any type of building. Siber® Pure SafeFix adapts to any duct configuration for installation thanks to its circular and rectangular range.

TECHNICAL SPECIFICATIONS

Fire reaction according to UNE EN 13501-1:2002	Self-extinguishing B-s2, d0
Maximum service temperature	+ 80°C
Thermal conductivity	0.0544 - 0.0662 W/m.k
Airtightness according to UNE EN 12237	Class D
Duct properties	Antistatic and antibacterial

The Siber® SafeFix ventilation duct network, together with the dual-flow ventilation units, delivers high efficiency and optimum indoor air quality for users. With Siber® SafeFix accessories and its EPDM gasket, the network achieves the highest airtightness class D (according to UNE 12237).

Siber® Pure SafeFix ducts and connectors feature antistatic and antibacterial properties, enabling a healthy indoor environment and helping to prevent discomfort associated with sick building syndrome or allergic reactions.

Important: Siber® SafeFix accessories can be used with standard thermoplastic ducts or with Siber® Pure SafeFix ducts.

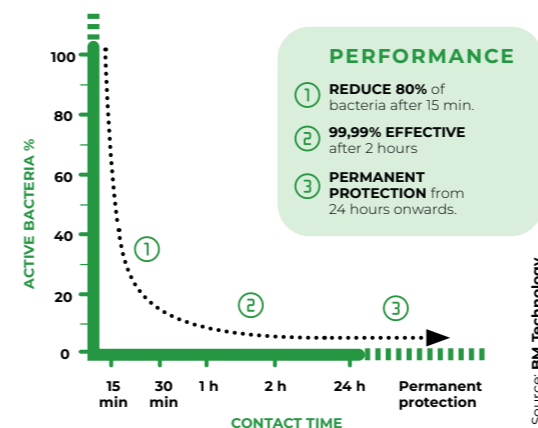
CERTIFICATIONS



Indoor air quality

A network that guarantees clean and healthy air in the home thanks to thermoplastic ducts and fittings with antibacterial and antistatic protection.

Thanks to this material, the ducts can eliminate up to 99% of the bacteria present in the ventilation network, leaving permanent protection against external contamination.

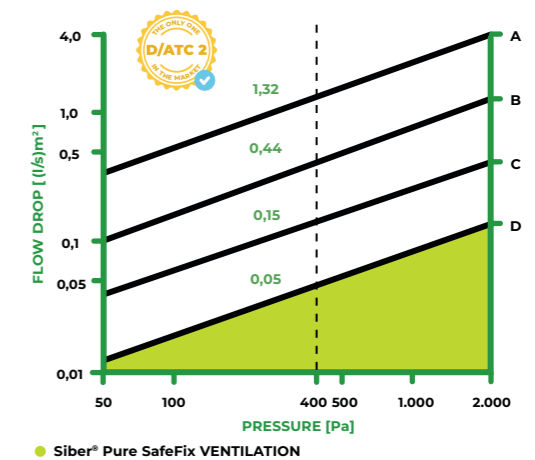


Source: BM Technology

Energy efficiency

The airtight and durable joint system patented by the network manufacturer prevents air leakages and improves the performance of the ventilation network, as well as reducing installation defects.

Siber® Pure Safe Fix, with its EPDM gasket and fixing clip, achieves the highest airtightness class D according to UNE EN 12237, enabling the ventilation network to obtain maximum energy efficiency.

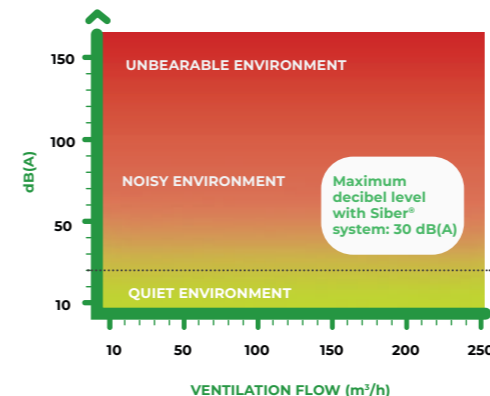


Source: European Norm 12237

User comfort

Siber® Pure SafeFix meets the requirements of RD 1367/2007 for indoor acoustic pollution and the DB HS3 section on acoustic levels in ventilation systems.

The system ensures thermal and acoustic insulation levels, generating optimum thermal and acoustic comfort, improving people's wellbeing and indoor air quality in homes.



Source: CTE DB HS3

Compatible with other systems

It adapts to any architectural configuration thanks to its accessories in both circular and rectangular range and to its perfect modularity.

The system has several sizes designed to support different airflow rates and is compatible with any installation in homes or flats.

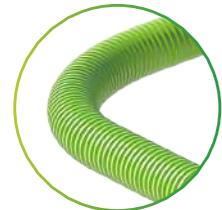
	150 SYSTEM	125 SYSTEM	100 SYSTEM
DIMENSIONS (mm)			
	Ø 150	Ø 125	Ø 100
	90x180	55x220	55x110
FLOW (m³/h)			
max. *	240	180	90
min. **	150	100	50

* Maximum air speed of 4 m/s.
** Minimum air speed of 2,5 m/s.

Source: In-house development

Ventilation duct networks

PURE AIR AND AIR ISOLANTE



Flexible duct

Allows installation of a network with fewer accessories, achieving lower pressure loss.



Antistatic and antibacterial

PE interior and smooth PE exterior. Antistatic and antibacterial.



Multi airflow regulation

Different adjustment options through regulating rings, dampers or intelligent valves.



Energy efficiency

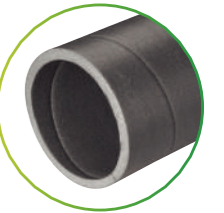
Reduces the consumption of MVHR units.



Star configuration design

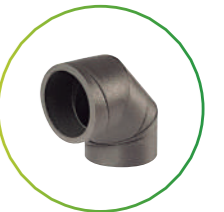
Acoustic and noise insulation

System designed to reduce installation noise to the maximum.



Easy installation

Lightweight, high-strength material, anti-corrosive. Mechanical connection system without the need for adhesives or tools. Easy to clean. No thermal bridges.



Sustainability

Made with organic PE, replacing the original raw material from petroleum extraction with a material based on organic matter.



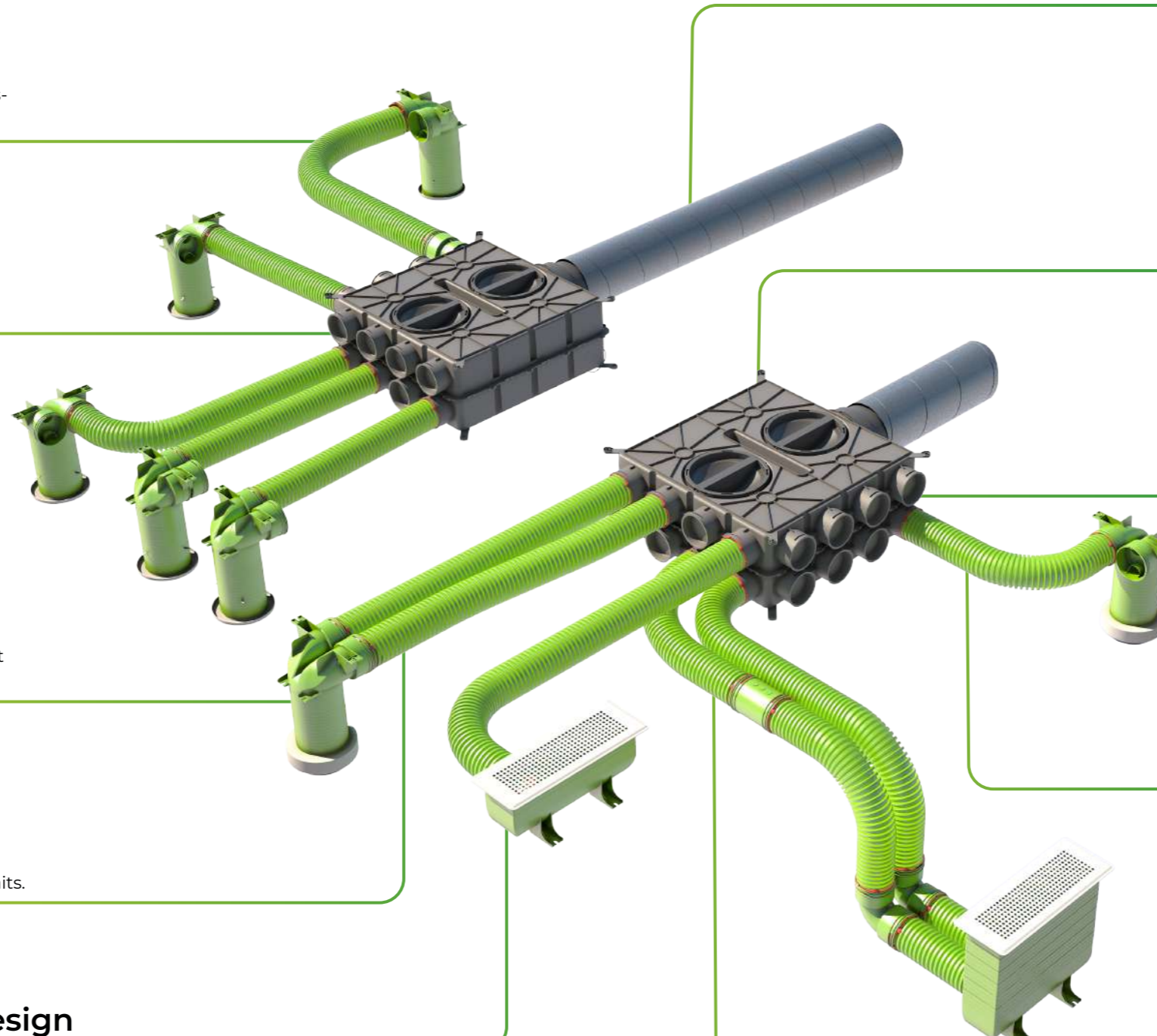
Ultra-quiet

System that reduces acoustic emissions.

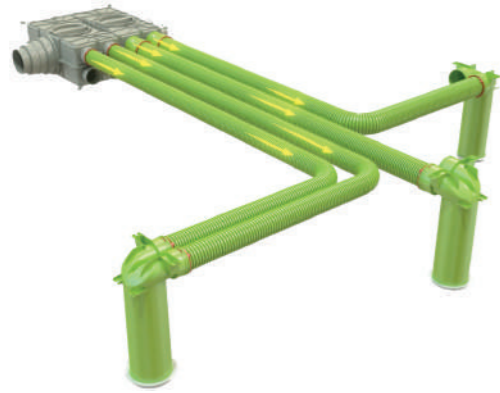


Different diameters

Ducts of Ø75 and Ø90.



Siber® Pure Air



The **Siber® Pure Air** distribution system is designed for air distribution ducts for heat recovery ventilation systems used to ventilate small residential buildings.

The ventilation unit is connected to optional distribution units via acoustic ducts and insulated ducts.

The flexible duct system allows fresh air to be supplied to habitable rooms and stale air and moisture to be extracted from wet rooms.

TECHNICAL SPECIFICATIONS

Fire reaction according to UNE EN 13501-1:2002	E-s2, d0
Supported temperature range	-30°C a 60°C
System suitable for	Air ventilation
Airtightness according to EN 17192	Class D (TÜV-SÜD)
Duct properties	Antistatic and antibacterial

INSTALLATION EXAMPLE



EFFICIENT

System that takes full advantage of the performance of heat recovery ventilation units thanks to its airflow rates.

ULTRA-QUIET SYSTEM

Designed to avoid noise generated by excessively small ducts.

The sound-insulated distribution box limits noise from the units. Double-wall flexible ducts reduce resonance effects generated by air circulation.

INDOOR AIR QUALITY

The smooth interior of the ducts is antistatic and antibacterial, preventing dust retention.

EASY MAINTENANCE

The inside of the ducts, the connections of the boxes, extraction spigots and supply spigots can be dismantled to optimise maintenance and cleaning operations.

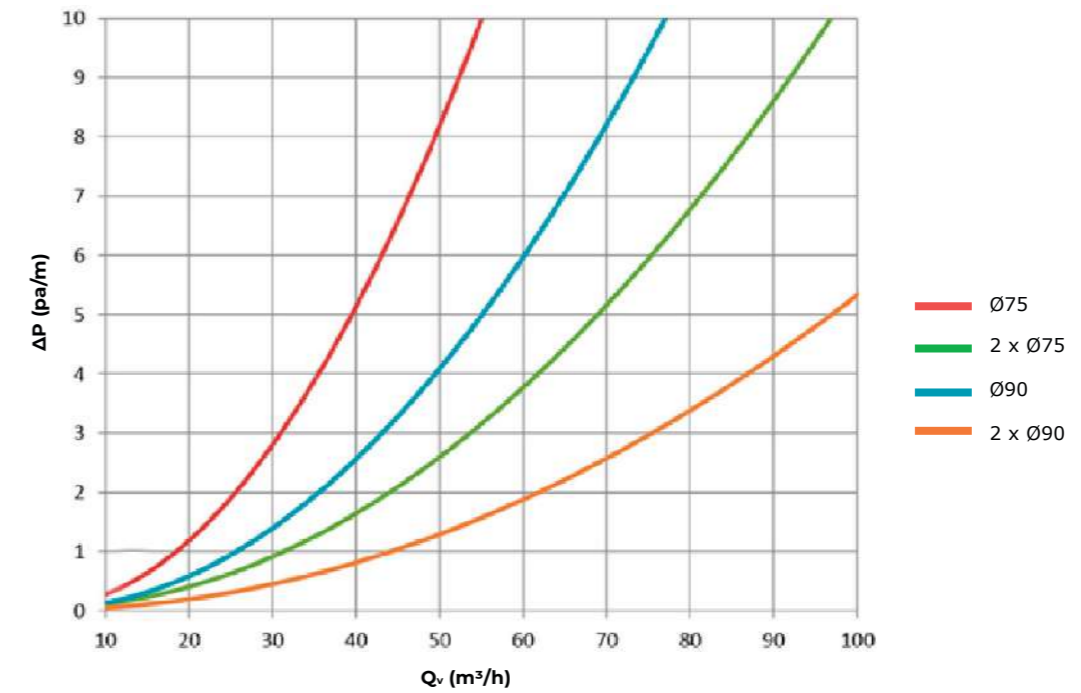
EASY INSTALLATION

The duct connection requires no adhesive. It connects with a click system.

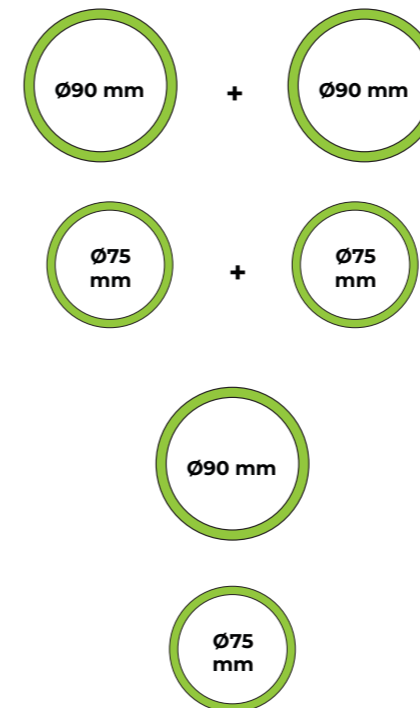
CERTIFICATIONS



FLOW (M³/H) AND PRESSURE (Pa) TABLE



FLOW



	V [m/s]			
	2,5	3,0	3,5	4,0
Qv [m³/h]	80	95	111	127

	V [m/s]			
	2,5	3,0	3,5	4,0
Qv [m³/h]	56	67	79	90

	V [m/s]			
	2,5	3,0	3,5	4,0
Qv [m³/h]	40	48	56	64

	V [m/s]			
	2,5	3,0	3,5	4,0
Qv [m³/h]	28	34	39	45

With EXCELLENT Double-Flow MVHR

Siber® Air Isolante



ADVANTAGES

- Acoustic noise insulation
- Low pressure loss thanks to smooth inner surface
- Lightweight material, easy to cut, impact-resistant
- Corrosion-free
- Insulated thermoplastic terminals: lightweight and robust
- Mechanical connection without adhesive
- Dismountable and easy to clean
- Tool-free installation

With the aim of increasingly respecting the environment, the **Siber® Air Isolante** range is now manufactured with organic PE, replacing petroleum-based raw materials with bio-based materials, reducing carbon emissions during the manufacturing process.

In many ventilation projects, it is necessary to use insulated ducts for the distribution system to reduce heat losses as much as possible or to prevent condensation inside the ducts.

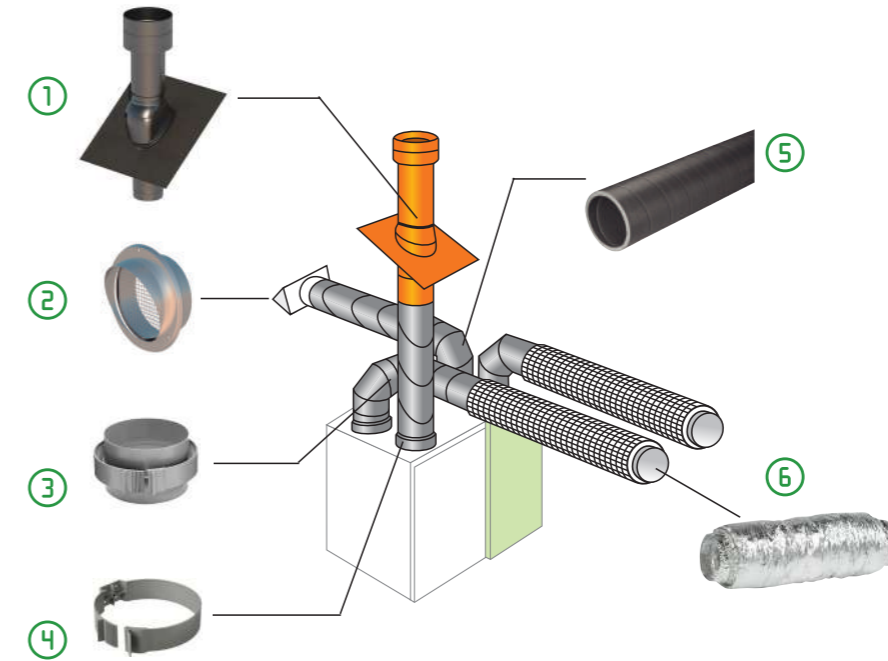
If the supplied air is colder than the ambient air, condensation may occur inside or outside the duct. For this reason, it is important to use insulated ducts. The insulation value of the Siber® Insulated Air system ensures minimal heat loss and its connections are designed to avoid thermal bridges.

At Siber Ventilation, we offer a complete range of insulated ducts that are easy to install and maintain. These ducts are available in various diameters and with a wide range of accessories.

TECHNICAL SPECIFICATIONS

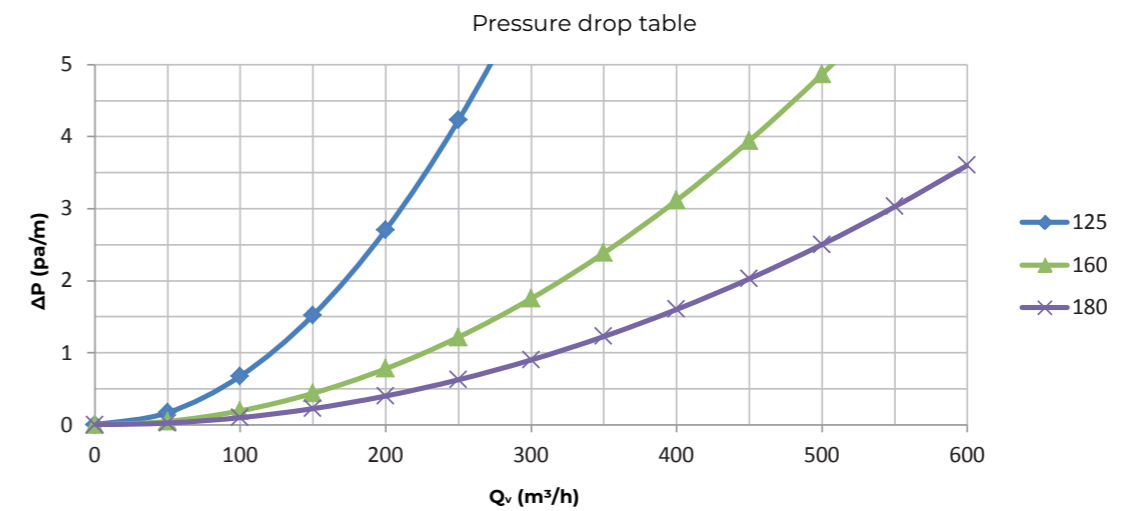
Siber® AIR ISOLANTE	
Material	Organic EPE
Density	30 kg/m ³
Thermal conductivity	0.041 W/m.k (EN 12667)
Thermal resistance	R= 0.56 m ² k/w
Temperature range	Min -30° / Max + 60°
Thickness	16 mm
Fire classification	E (according EN 13501-1)
Air tightness	D up to +/- 200 Pa (EN 12237:2003)
Colour	Grey
Water absorption (EN 13472)	WS005
Carbon emissions (kg CO ₂ /m ²)	0

SYSTEM DESCRIPTION



1	2	3	4	5	6
Roof terminal	Wall terminal	Insulated duct and fittings	Connector	Fixing collar	Silencer

TECHNICAL SPECIFICATION

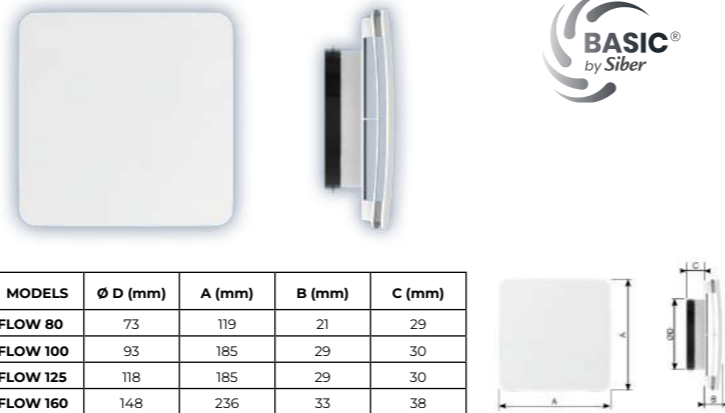


Bocas de insuflación y extracción

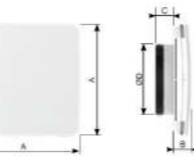
Siber® FLOW

White plastic ventilation terminals **Siber® FLOW** are designed for air supply and extraction in residential buildings and commercial spaces. These terminals are especially designed for installation in ceiling or wall positions.

- Durable. Easy to install. Perfect fixing
- Connection diameters: Ø80-100-125-160 mm



MODELS	Ø D (mm)	A (mm)	B (mm)	C (mm)
FLOW 80	73	119	21	29
FLOW 100	93	185	29	30
FLOW 125	118	185	29	30
FLOW 160	148	236	33	38



MODELS / ACCESSORIES

SIBER FLOW 80

- Siber Flow Ø80 terminal with Ø80 sealing sleeve
- Optional deflector for Siber Flow 80
- Metal sleeve Ø80, L 45 mm
- Plasterboard sleeve Ø80, L 100 mm

SIBER FLOW 100

- Siber Flow Ø100 terminal with Ø100 sealing sleeve
- Optional deflector for Siber Flow 100
- Metal sleeve Ø100, L 47 mm
- Plasterboard sleeve Ø100, L 100 mm

SIBER FLOW 125

- Siber Flow Ø125 terminal with Ø125 sealing sleeve
- Optional deflector for Siber Flow 125
- Metal sleeve Ø125, L 47 mm
- Plasterboard sleeve Ø125, L 100 mm

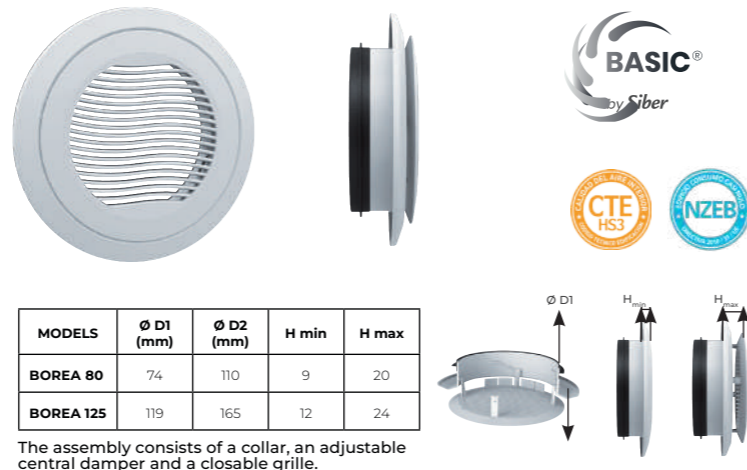
SIBER FLOW 160

- Siber Flow Ø160 terminal with Ø160 sealing sleeve
- Optional deflector for Siber Flow 160
- Metal sleeve Ø160, L 51 mm
- Plasterboard sleeve Ø160, L 100 mm

Siber® BOREA

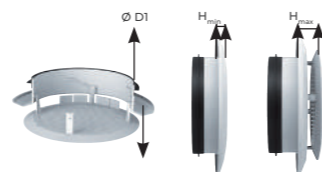
Adjustable terminals **Siber® BOREA** are designed for air supply or extraction in homes and commercial spaces. Designed for installation in false ceilings or walls. Can be combined with an MRR-type airflow regulator.

- Maximum airflow adjustment. Durable
- Easy installation. Perfect fixing
- Connection diameters: Ø80-125 mm
- Max airflow: 180 m³/h



MODELS	Ø D1 (mm)	Ø D2 (mm)	H min	H max
BOREA 80	74	110	9	20
BOREA 125	119	165	12	24

The assembly consists of a collar, an adjustable central damper and a closable grille.



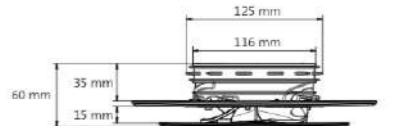
Siber® BLOW

Adjustable terminals **Siber® BLOW** allow air supply and extraction in walls and ceilings of residential and tertiary buildings (new build and refurbishment). Its fixing integrated into the installation system makes installation quick and tool-free. Thanks to its universal design, it integrates seamlessly into any interior.

- Low acoustic emission. High-precision regulation (9 positions). Durable. Easy installation
- Perfect fixing. Prevents dirt thanks to its essential geometry. Airflow control via rotation
- Connection diameters: Ø125 mm
- Max airflow: 75 m³/h



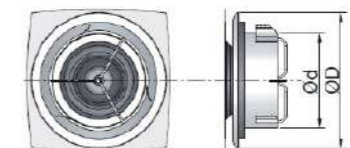
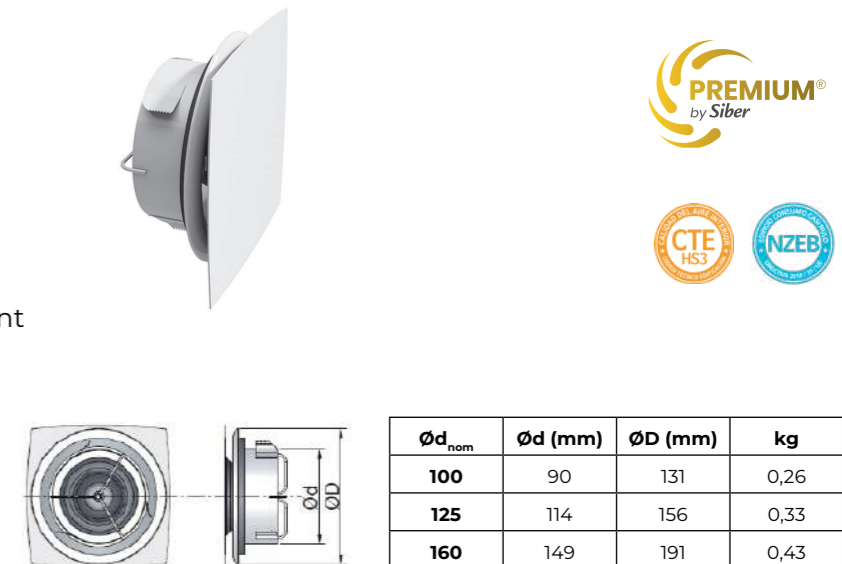
CIRCLE	SQUARE
Ø125	Ø125
A = 228	A = 230
B = 228	B = 230



Siber® AIRY

Adjustable metal terminals **Siber® AIRY** allow air supply and extraction in walls or ceilings for residential and tertiary buildings, both in new construction and refurbishment (maintenance/replacement of existing terminals). Airflow is easily adjusted thanks to its adjustment cone.

- Low acoustic emission. Durable. Easy installation
- Perfect fixing. Colour customisation
- Connection diameters: Ø100-125-160 mm



Ød _{nom}	Ød (mm)	ØD (mm)	kg
100	90	131	0,26
125	114	156	0,33
160	149	191	0,43

Siber® RIL

Shallow-depth matte aluminium grille, allowing installation in plasterboard partitions without cutting the supporting structure.

- Durable. Easy installation
- Perfect fixing
- Depth: RIL-DUP 13 mm · RIL-SUP 20 mm
- Max airflow: RIL-DUP 70 m³/h · RIL-SUP 90 m³/h



MODELS	width (mm)	height (mm)	ducts
RIL-DUP	232	61	55x220
RIL-SUP	190	110	90x180

New solutions for renovation

Reno Shunt

LOW-PRESSURE MECHANICAL VENTILATION

Reno Shunt low-pressure mechanical extract units generate a depression between 18 and 55 Pa, making them compatible with existing ventilation shunts in the building.

Application scope: Reno Shunt solutions are compatible with buildings of up to 18 habitable floors.

The Reno Shunt extractor range has been designed specifically for the extraction of stale air with regulated pressure.

Reno Shunt can operate in 3 control modes:

- Constant speed mode
- Constant pressure mode
- Self-regulating speed or variable pressure mode



Reno Shunt Max

Reno Shunt Max ventilation units have been specifically developed to operate optimally at low pressure and can be used as group extractors or centralised solutions for new-build projects.

For all these reasons, Reno Shunt Max low-pressure ventilation units deliver the highest performance on the market. Their performance is higher than the rest of low-pressure fans.

Available in 4 sizes: 1500 m³/h, 2500 m³/h, 3000 m³/h and 5000 m³/h, all in standard versions for outdoor installation on flat roofs. There are also sizes of 1500 m³/h and 3000 m³/h available for installation under roof.



Insuflair HOME

SUPPLY VENTILATION

ADVANTAGES

- For renovation or refurbishment projects
- Maximum airflow up to 350 m³/h
- Effective solution for radon mitigation
- Preheated air adjustable between 12° and 20° via electric battery
- Possibility to perform energy contributions: cooling air and fresh air
- Low-consumption EC motor
- Filter replacement alert
- Holiday mode for reduced operation
- Operating time programming
- Boost mode for maximum airflow operation
- Compatible with different sensor types: CO₂, humidity, etc.
- Advanced features such as turbo heating or hyper-ventilation



Insuflair MAX

SUPPLY VENTILATION

ADVANTAGES

- For refurbishment projects in tertiary buildings
- Effective solution for radon mitigation
- Adjustable airflow between 800 and 1100 m³/h
- Adjustable airflow depending on occupancy
- Low-consumption EC motor
- Filter replacement alert
- Operating time programming
- Compatible with different sensor types: CO₂, humidity, etc.
- Compliant with RITE code



Refurbishment catalog

ventilacion.siberzone.es/catalogo-rehabilitación





A system to rule them all


HOME

Member of
Zehnder Group

Siber | **Experts**
in ventilation

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