



# The air that you breathe is pure Design

Maybe you are  
looking for an  
air-conditioner. In truth you  
are looking for beauty.  
This is why the Carisma Fan  
Coil Units are **conceived  
according to pure  
Design.**



## You chose total beauty

You invented each space a thousand times, you studied each detail over and over again, even the most hidden ones. This is why you do not need to give up Design for such a visible object. You can even choose to disguise it completely through recessed box installation.

That is the aim of our Carisma Collection: to let you choose the same Design and beauty as you would for a piece of furniture.

### HOW DOES AN AIR-CONDITIONING SYSTEM WITH WATER FAN COILS WORK?



**Winter** | The water is heated by a boiler or by a heat pump.



**Summer** | The water is cooled by a refrigerator.

### Fan coil hydronic system: thermal comfort in every season

The result is always an optimal temperature of the delivered air, that quickly achieves the desired comfort in every space, low energy consumption and minimum sound power.

The synthetic gases are fully contained in an external refrigerator, that prevents the gas from escaping into the rooms.

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**\_Made in Italy**

**\_Conceived to watch out for everybody's space, with the use of the most natural refrigerator in the world: water**

**\_Low energy consumption**

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# A completely different Split

At first glance it looks like a split. Look again: it is not a common split, but one of **a more appealing Design** compared to average.

Through deeper analysis, more differences emerge, all crucial:

- \_Absolutely made in **Italy**.
- \_Use of the most natural fluid in the world: **water**.
- \_Low energy consumption, minimum sound power: **what the space and the people living in it want.**



## TECHNICALLY SPEAKING

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2-3 way valve and recessed condensate collection tray inside the outer casing

### The Motors:

- \_asynchronous
- \_brushless electronic, with Inverter board

### The Versions:

- \_with control panel
  - \_with infra-red remote control
  - \_with electronic board, control with ModBus Communication Protocol and with electric heater
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CARISMA **CRR**





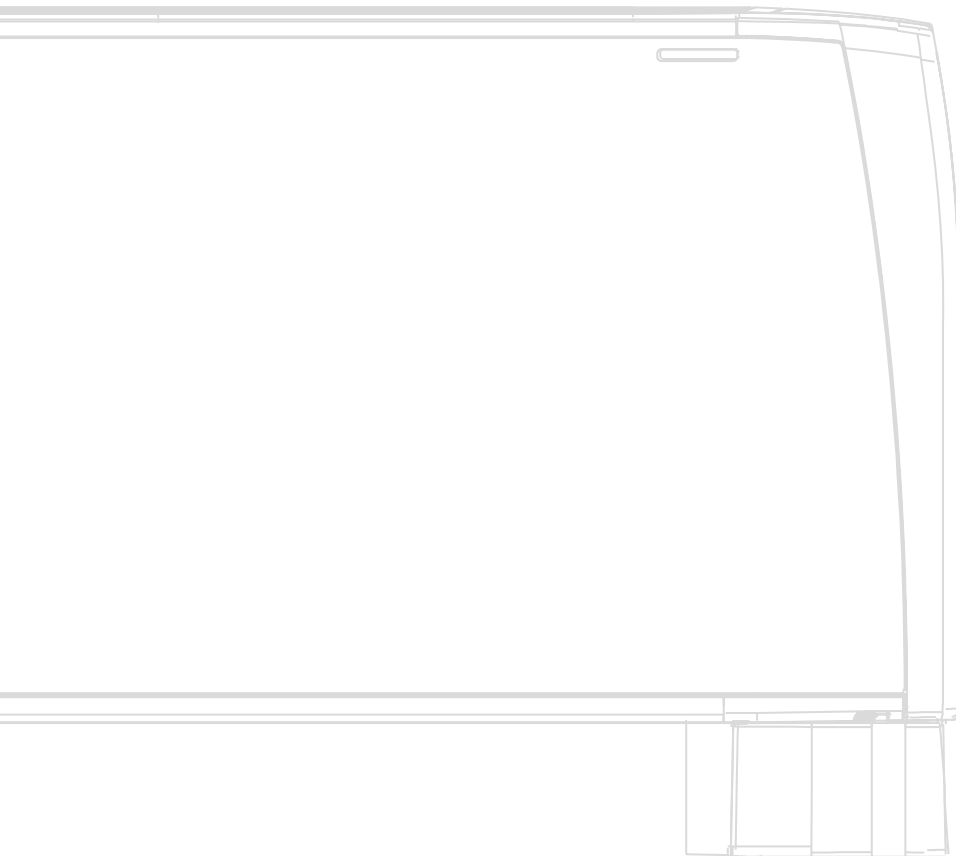
## A great beauty in its own right

You can admire these fan coils in some museums and at the showrooms of the major Made in Italy brands.

There must be a reason.

Actually, many.

- \_compact Dimension: only 183 mm deep
- \_low energy consumption
- \_high thermal efficiency
- \_minimum sound power



### **TECHNICALLY SPEAKING**

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4 Models with 1 single coil

\_Air flow rates between 110 and 500 m<sup>3</sup>/h

\_Heating emissions from 0.8 to 3.6 kW

\_Cooling emissions from 0.6 to 2.8 kW

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CARISMA **CFR**





## The Best of both worlds

Take the best of heating and cooling, and put it into a one single System.

Here is the project delivered to our Designers.

All good features come from the electronic motors with low energy consumption:

- \_reduced size in comparison to traditional radiators.
- \_minimum sound power and high fan coil thermal efficiency

### 2 versions

- \_radiant front steel panel
- \_plastic top grid

### other versions

- \_recessed version
- \_horizontal ceiling mounted version
- \_4 pipe-system

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### The advantage of the radiant front steel panel

In winter it offers both convective and radiant static thermal exchange, while improving the comfort of the space.

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### TECHNICALLY SPEAKING

- \_Air flow rates from 100 to 575 m<sup>3</sup>/h
  - \_Heating emissions from 0.64 to 4.10 kW
  - \_Cooling emissions from 0.38 to 3.31 kW
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CARISMA **FLOOR**





## The set-up for success

No wall-mounted equipment.  
Only high thermal efficiency.

**Floor climatisation system** for heating, for cooling or for the ventilation of spaces fitted with windows or wide doors.

In residential buildings and commercial environments.

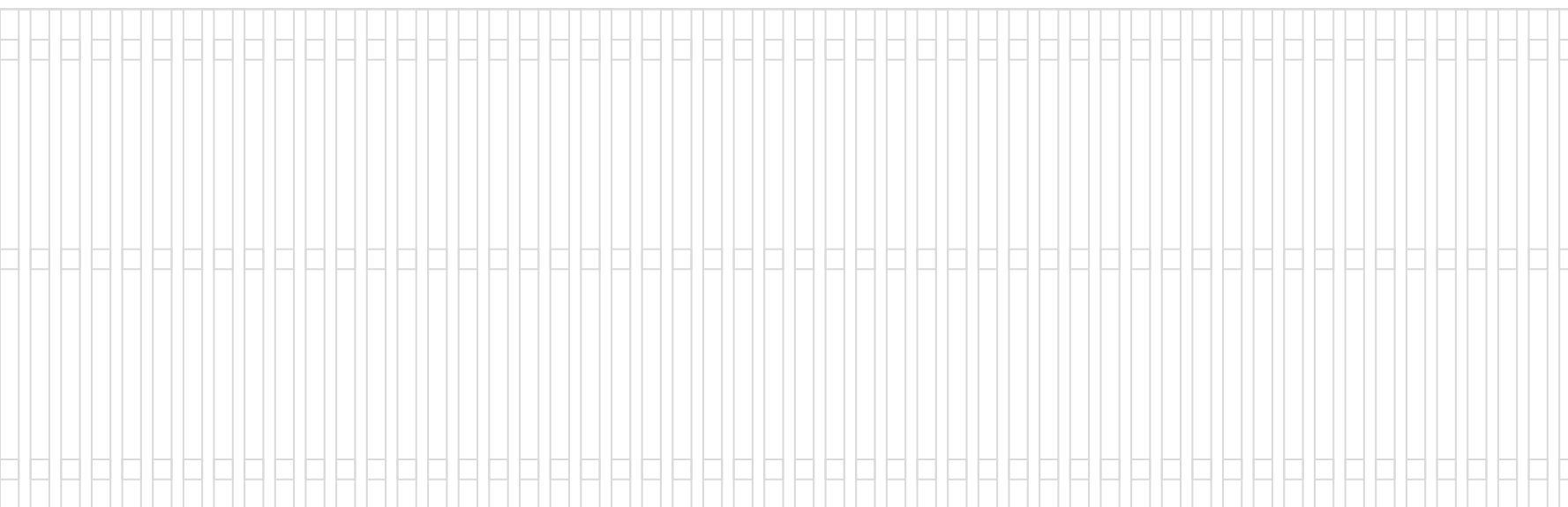
### **TO HEAT**

Cold air near the windows is extracted and heated by a motor placed under the grids.

The warm air escapes upwards.

### **TO COOL**

Warm air in front of the window is extracted, cooled und blown back into the space.



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#### **Project customisation**

- \_air inlet/outlet diffusers in a wide range of satin finish and colours
- \_controls and regulation accessories

#### **Concrete Advantages**

- \_ECM Motor with low energy consumption
  - \_minimum sound power
  - \_easy assembly
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# Invisible like the air. And just as essential.

Lord Brummel, who was keen on fashion, once remarked:  
“True Elegance Consists In Not Being Noticed.”

This is precisely the spirit of Breeze, of the aesthetic frame kit for wall concealed installations Carisma CRC and Carisma CRR.

**The fan coil is recessed into the wall** in order to be so disguised as to convey a sense of maximum harmony and linearity with the space.

## **2 REQUIREMENTS:**

- \_a niche in the wall
- \_the desire to have a wall completely free of any intrusive element.

It is possible to repaint the entire frame in the same colour or to apply the same wall-paper as the wall.

**Perfectly Camouflaged.**



## **TECHNICALLY SPEAKING**

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The aesthetic frame kit Carisma Breeze is available for:

- \_CRC-IV in sizes: 2-3-4-5-6
- \_CRC-ECM in sizes: 2-4-6
- \_CRR-IV in sizes: 2-3-4

Recessed box made of galvanized steel with opening for electric and hydraulic connections.

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**Fly**



**CRR**

## FEATURES

- Modern Design with soft outlines
- Minimum sound power
- Completely made in Italy
- High quality materials
- Very easy to install
- Simple access to all internal components
- Available with infra-red remote control or with wall control
- Available with 2-3 way valves inside
- Available with integrated condensate collection tray
- Available with electronic motor (ECM) brushless and inverter board
- Suitable for offices, shops, residential buildings

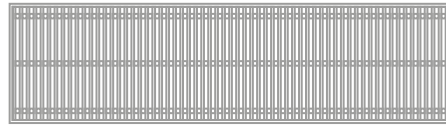
- Very thin (only 18 mm deep)
- Light and modern Design
- Minimum sound power
- Tangential fans
- Low electric consumption
- Wide range of control accessories
- Strong synthetic ABS side corners
- Wide range of RAL colours
- Possible integration with supervisory systems
- Coupled to the aesthetic Breeze frame kit
- Also available with ECM brushless motor and inverter board
- Suitable for offices and residential buildings





**CFR**

- Very thin: only 13 cm
- Great and captivating Design
- Minimum sound power
- Tangential fans
- Controls integrated into the grid
- Casing and grid completely made of metal
- Also available in wall-concealed installation with Breeze aesthetic frame kit
- Available with radiant element for silent nighttime heating
- With ECM brushless motor and inverter board
- Suitable for residential buildings



**Floor**

- Trench convector unit smartly hidden
- High quality materials
- Sizes from 13 to 15.5 cm
- Wide range of variants and installation options
- Wide range of finishes for metal and wood grids
- Minimum sound power
- Wide range of accessories
- Solution to various architectural problems
- Possible customised set-ups on design
- Ideal solution in front of broad glass surfaces
- Suitable for offices, shops, restaurants, spa, swimming-pools, residential buildings and villas



**Breeze**

- Elegant solution to camouflage your Sabiana fan coil
- Soft outlines to fit in perfectly in every setting
- Available in three sizes (14, 19 and 24 cm)
- Paintable like the wall
- With intake grid
- With adjustable louvre
- Easy access to the opening for maintenance
- Simple installation
- Coupled to the CRC, CRR, CFR range
- Excellent for offices and residential buildings



Only a visionary or a dreamer  
would have set-up an industrial business in 1929.

The great depression had just arrived from the USA: certainly not the right moment to set-up a company.

Yet Franco and Benvenuto met each other in Milan and made the decision not to give up on their project and their dream: to produce heating installations for work and home environments.

Quite bold at a time when factories were not heated: in their day, factories were not great places to spend many hours per day.

**This is the reason why Franco and Benvenuto believed in it more and more strongly, they understood the importance of improving work conditions and social well-being.**

**There was the need for a different concept of heating, and they developed it.**

Nowadays this choice has been handed down to the third generation: a completely 'made in Italy' company within a large international corporation. It is no coincidence that it has become one of the major manufacturers in the industry in Europe and one of the largest in the world.

**We are a company made of people, who focus on a common goal.  
This is our team spirit, which involves the entire Sabiana staff.**

**The Sabiana Collection is an example of how we think, design and produce something capable of improving the social well-being at work and at home.**

By people, for people.



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**SABIANA SpA**  
Via Piave 53 - 20011 Corbetta (MI) Italia • T. +39 02 97203 1 r.a. • F. +39 02 9777282 • info@sabiana.it  
[www.sabiana.it](http://www.sabiana.it)

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