



# DOMESTIC CATALOGUE

23-24

CENTRAL VACUUM  
SYSTEMS

[sistemair.com](http://sistemair.com)

EN

## For 30 years we have been making healthy

This is not simply a product catalogue. **It is an international story that began in 1993 from a dream** - to give everyone the chance to experience healthy environments - that speaks of a company, a family, continuous research and technological innovation.

If it can be told today, it is thanks to the technology and all-Italian pride of a team that believes in the noblest of values: air quality begins with cleaning. Living healthy environments should not be a choice but an inalienable right.

We will not stop until even the last house is healthy, because Sistem Air central vacuum systems are more than cleaning tools. **A message of awareness that can make a difference and wants to continue to write, together with all of you, a new future.**

  
**Giancarlo Plebani**  
Fondatore e CEO di Sistem Air



# Sistem Air

Sistem Air is a brand of Tecnoplus Srl, a leading Italian company in the production of centralised vacuum cleaner systems for domestic and industrial use and automatic biomass feeding systems for boilers, stoves and chimneys.

**Manufacturing excellence, Sistem Air is today the most important Italian manufacturer of centralised Hoover systems.**

Design, quality, control and logistics are carried out by highly specialised employees, guaranteeing the marketing of the systems in 54 countries worldwide.

**An international global player recognised for its high standards of product and after-sales service.**



## Design & engineering

Avant-garde ideas that are ahead of their time, designed to meet the needs of the market.

Sistem Air is committed to a constant process of innovation because it believes that systems are an integral part of life and improve people's well-being.

The study and engineering of Sistem Air products evolves following the needs of the public, in order to propose solutions that offer maximum satisfaction.







Production and logistics  
are the key to success.



From the manufacturing  
heart of Italy, Sistem Air  
products are exported to  
more than 54 countries  
around the world.

# Giving praise to technology

Obsessed with perfection, Sistem Air makes technical design the heart of every product. From engineering to industrialisation, to create concrete solutions.

## Domestic systems

Represented by the historical Sistem Air brand, they express the world's most complete central vacuum cleaner range.

Strongly oriented towards satisfying the desires and demands of the market, they are the summary of continuous technical and technological innovation, combined with the prerogative of a functional design that leaves nothing to chance.

We have achieved countless firsts and are committed to reinvesting in research and development every year to continue to grow and continue to offer the best central vacuum cleaner.



[sistemair.com](http://sistemair.com)

## From conception to testing: the production of domestic central vacuum cleaners





# More than cleaning

The solution you never thought existed. For companies, the centralised system represents a production advantage that is integrated into the machining processes, changing the game rules.

## Industrial system

The Sistem Air Pro division, formally established in 2020 with its own dedicated brand, celebrates the skills gained in 30 years of activity at the service of professionals, businesses and industries.

Much more than cleaning, centralised vacuum systems for industrial use are a real work tool capable of responding to specific needs.

Designed and built to the customer's needs, they can be integrated into both existing and newly constructed activities.

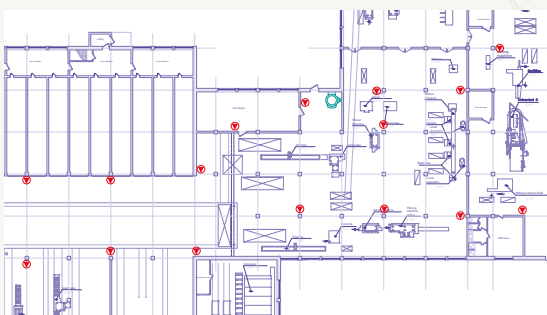
On-board suction, separation and recovery of waste materials, reduced maintenance, 4.0 technology for remote control and also suitable for ATEX environments are just some of the strengths of the systems for professional use.



[sistemairpro.com](https://sistemairpro.com)



### A tailor-made working tool: design, construction and installation of industrial system



# How the central vacuum system works

Detached houses, apartments or small studios. Whatever it is, it deserves to have the best cleaning system for those who live in it.

Not even small spaces or aesthetic constraints should be an obstacle to well-being. That is why a centralised system is for everyone.

## Powerful, light and... clean that lasts longer

The centralised vacuum radically changes the concept of cleaning. A revolution that starts with the inlet valves, discreet and identical to the chosen interior design, into which the hose is inserted to suck up the dust.

They are connected to each other by a pipe network that has the task of conveying the suctioned material. It is realised underneath the ceiling, embedded in the false ceiling or, in the case of already finished homes, concealed with decorative plasterboard.

**A central vacuum cleaner, either traditional or recessed outside, collects the dirt in the dust container, without ever coming into contact with the user.**

Finally, as there is no recirculation of the suctioned air in the room, the clean lasts longer. Saving time and effort.



Pipe net



Inlet valves



Central vacuum unit

## Living in a healthy house

The powerful suction of the system **removes all traces of dirt and eliminates dust mites, allergens, dust pollutants, bacteria and viruses thanks to the external vent.**



Micro-dust is expelled from the house through an external vent.

The exhaust air is filtered beforehand. Only invisible particles, normally present in the air, are released into the atmosphere.

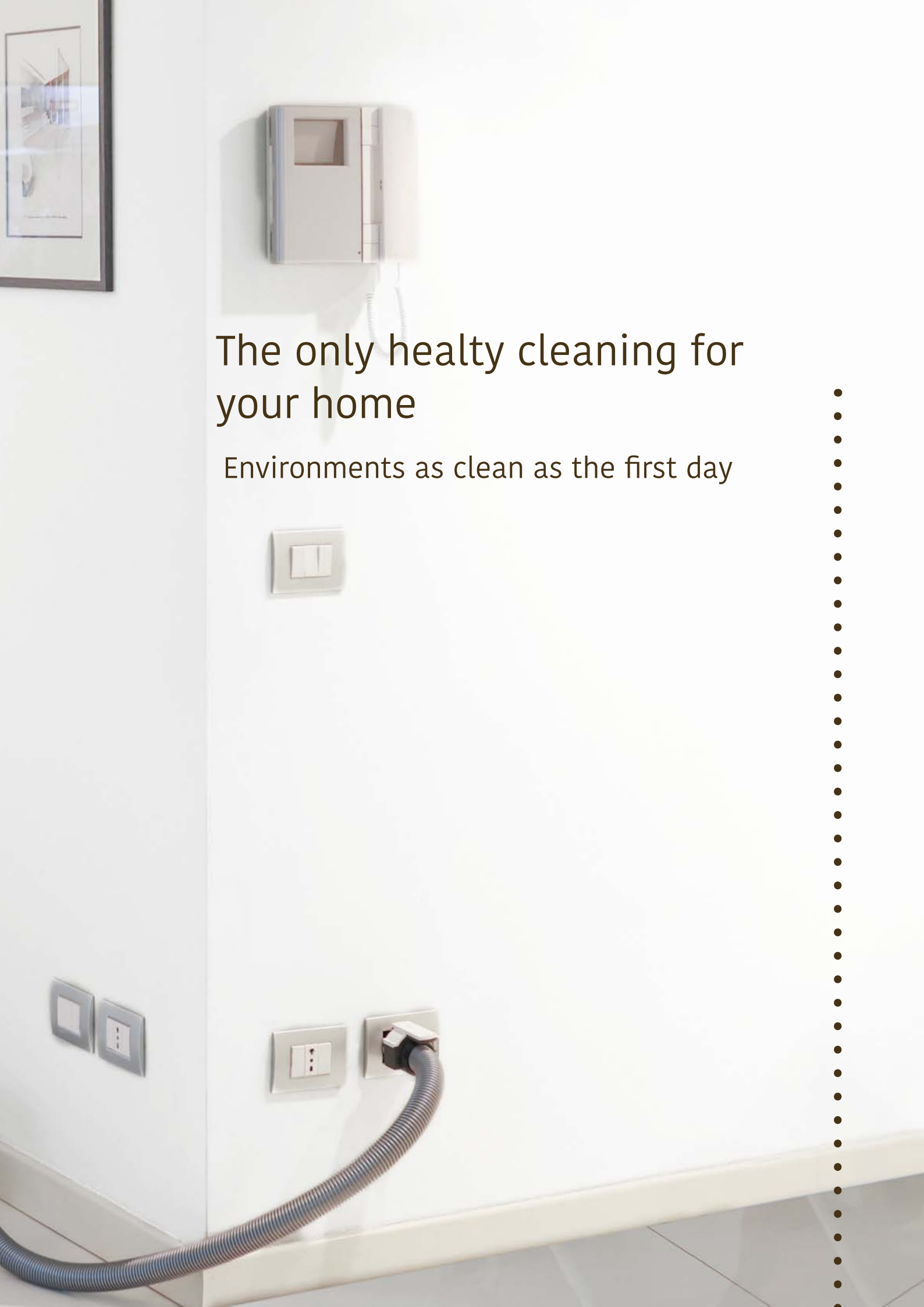












# The only healthy cleaning for your home

Environments as clean as the first day

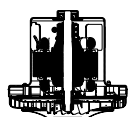


# The only, true vacuum cleaner

The central vacuum system is the only system in the world capable of efficiently vacuuming up dust. Below, we highlight the technical and constructional features that explain why electric brooms, robots and household appliances cannot bear this title.

## Everything has its proper place

Since the motor, filter and dust container do not have to be moved around, they have the right space to work at maximum performance and low consumption.



### Vacuum motor

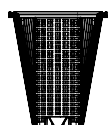
High-efficiency brushes

#### POWERFUL

Best-in-class results in terms of vacuum and flow rate m<sup>3</sup>/h generated. Air travels at approximately 90km/h in the pipe net

#### ENERGY SAVING

All motors in the catalogue are energy saving to ensure low consumption

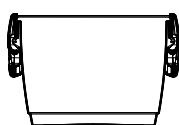


### Filter cartridge

Washable, professional type

#### FILTRATION CLASS M

Retains suctioned dust up to 5 µ



### Low maintenance

Like no other

#### DUST CONTAINER

It collects up to 21 l of dust, in standard systems, and is emptied once or twice a year depending on use

## More attention to what really matters

The central vacuum cleaner only focuses on concrete needs when it comes to cleaning.



### Healthy

Does not release micro-dust, mites and allergens into circulation

The exhaust air vent is outside the building. Nothing goes back into the environment and the clean lasts a long time



### Silent

Cleaning has the sound of air

Noise emissions are very low because, differently from household appliances, the motor is not in the room being cleaned



### Safe

Low-voltage connections and no cables

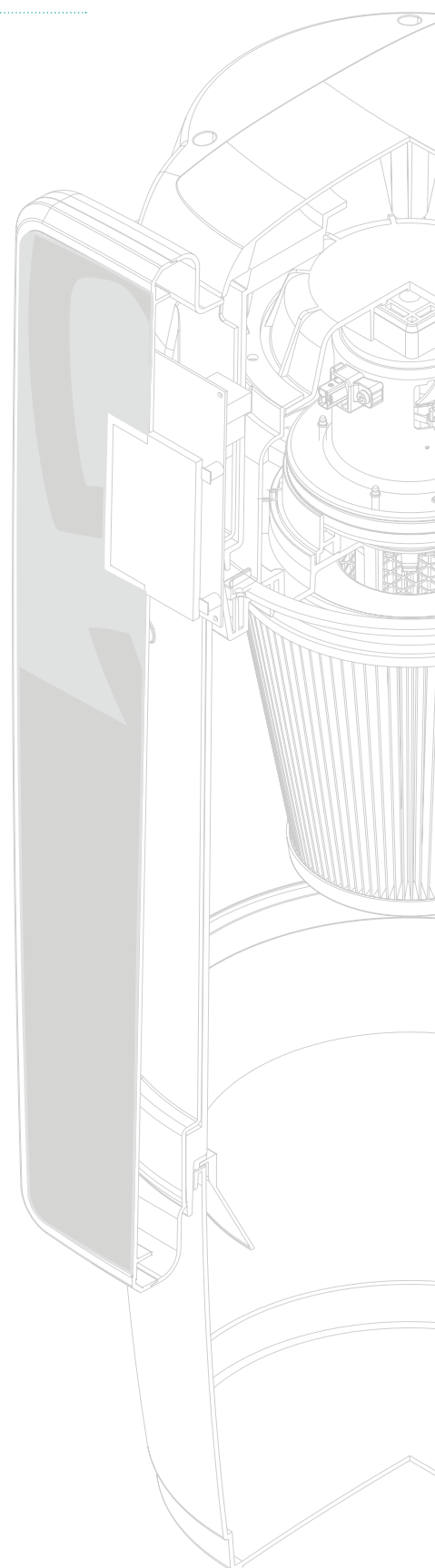
Inlet valves are powered at low voltage of 12 V and can be touched without risk even by children



### Environmentally friendly

An installation that lasts forever

Eliminates the waste of constant replacements: the pipe net lasts forever while the average life of central vacuum cleaners is about 18 years



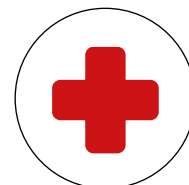
# Dust and indoor air quality

The failure to design the cyclical maintenance of a building from an environmental-health perspective has been a known problem since the 1970s. There is a tendency to neglect that fundamental, decidedly daily part of cleaning and dust removal as a priority function in preventing, improving and maintaining indoor air quality.

## Taking care of the air: healthy environments start with cleaning

According to the latest estimates of the World Health Organisation, people spend around 90 per cent of their time indoors, whether for domestic, work or leisure purposes.

A number of harmful molecules concentrate in the air, consisting of volatile organic compounds (VOCs), particulate matter (PM), noxious gases, bacteria, mites, viruses, etc. Many of the aforementioned compounds find fertile ground in dust, aggregates that enter indoor environments thanks to a continuous exchange with the outside, facilitated by movements, pets, decay of fabrics and furnishings, etc.



## Choose consciously. Not all cleaning systems are the same

Conventional vacuum cleaner, battery-operated brooms and robots do not have the hygienic characteristics needed to guarantee a fully healthy environment because, as the air is sucked in, it reintroduces fine dust, known in jargon as micro-dust.

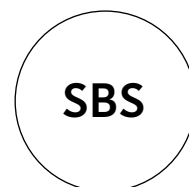
They are, to all practical intents and purposes, an unavoidable palliative when air quality design is neglected, without considering that the rooms will then be lived in.



## What is Sick Building Syndrome

It is estimated that humans inhale between 10,000 and 20,000 litres of air per day and most of it is breathed in confined spaces.

Sick Building Syndrome is a recognised disease that can affect even environments that appear to be in excellent condition. It is a sneaky and invisible disease that affects building occupants, making it difficult, more often than not, to make an immediate diagnosis that correlates symptoms and the environment in which one lives.



## The most common micro-dusts



So small that they are not retained by the nose or a bronchus. The micro-dusts enter the bloodstream and within 40 minutes reach all the organs.

They bind to heavy metals and bacteria in the air, causing them to enter the body.

## Does your vacuum cleaner smell? You have just inhaled micro-dust

By the time you smell it, it is too late. The smell of the vacuum cleaner, which one is forced to live with when using household appliances, is not only nauseating, but also a clear indication of the presence of micro-dust.

What escapes the filter ends up on the hot motor of the Hoover, which lifts and recirculates hazardous residues into the living environment through the exhaust.





- The green breath of the system
- Integrated cleaning systems for the home







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TECNO  
**PRIMIE**



TECNO  
**EVX**



TECNO **Star**  
★ ★ Dual Power



TECNO **STYLE**



Houses, flats, villas, shops and B&Bs

# DOMESTIC

The most advanced range of central vacuum cleaners for domestic use.

From studio apartments and shops to large villas. **All Sistem Air central vacuum cleaners expel 100% of micro-dust, dust mites, allergens and pollutants to the outside.** Ideal for everyone, even allergy sufferers and pets.

## VACUUM UNITS

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### Product maintenance and service

Follow the instructions in the technical manual provided and the display where present.

Periodic maintenance mainly concerns:

- cleaning the filter cartridge and replacing it after 2 years;
- bag replacement or emptying of dust containers;
- correct operation of the electric motor;
- checking the state of cleanliness of the air outlet.

All interventions not included in the scheduled maintenance operations by the end user must be carried out by qualified personnel. We invite you to consult our website **sistemair.com** for more information on maintenance and the nearest service centre.



Always connected

sistemair.com

TECNO  
**PRIMA**

# Vacuum unit

## Tecno Prime


Area of use:

domestic

home, villas, stores



Maximum surface to be cleaned: **450 m²**

1 single user 

Pipe net Ø 50 mm



IP44



DOMESTIC



Tecno Prime is the first internet-connected central vacuum cleaner with Air Cloud personal maintenance assistant and 6-year kasko warranty.

Touch display and the innovative BiVac system offering a choice of bag or low-maintenance cyclonic filtration.

The Tecno Prime range of central vacuum cleaners is specifically designed for domestic dust extraction.

Available in four motorisations to clean surfaces up to **450m²** for system used by a single user.



### Available motorisations

3110.2TPR	Tecno Prime 150	up to 150m²
3112.2TPR	Tecno Prime 250	up to 250m²
3113.3TPR	Tecno Prime 350	up to 350m²
3115.3TPR	Tecno Prime 450	up to 450m²

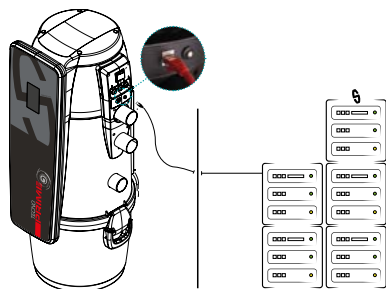


# Air Cloud Maintenance Personal Assistant



Air Cloud is the heart of the Tecno Prime central vacuum cleaner: it monitors health and prevents ageing. An alert warns in the event of anomalies and you can choose whether to receive alerts directly or send them to your maintenance technician.

**By keeping the Tecno Prime central vacuum always connected to the network, you get 6-year Cloud Warranty kasko warranty.**



## Network connection

The connection is made by connecting a Lan cable (not included) to the home network or a wireless extender.

On request, the Sistem Air wireless module art. 4202.2 is available

**An active Internet connection is required for the correct operation of Air Cloud.**



Wi-Fi module

Packaging 1 piece

☐ art. 4202.2 - for Tecno Prime



## Remote control

After connecting the central vacuum cleaner, using the included credentials, you access the reserved area on the [aircloud-sistemair.it](http://aircloud-sistemair.it) website where you can consult the operating status, history, receive information and have a direct line to Sistem Air.



Air Cloud  
access

## Cloud Warranty

By keeping Tecno Prime constantly connected to the grid, you benefit from the 6-year Cloud Warranty.

The Cloud Warranty covers all components of the central unit and includes the supply of spare parts free of charge, excluding filters and bags. Only transport and assembly costs remain the responsibility of the customer.

A copy of the full regulations is available by accessing the reserved area or at the end of this catalogue see the Guarantees section.

## Smart computer for maintenance

From the touch display it is possible to access the functions dedicated to installation. Through tests, it is possible to verify the correct functioning of the installation.

In addition, maintenance intervals can be programmed, filter wear and dust emptying can be checked.



### Home

Checks the system vacuum, expressed in mbar, during use



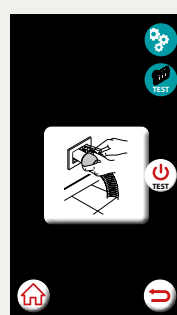
### Configuration

For each alarm it is possible to set the shutdown of the control unit



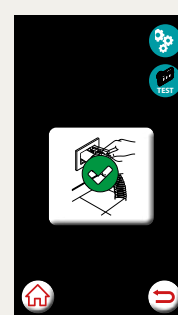
### Tutorial

An animation shows how to carry out maintenance



### Test

Performs a micro line diagnosis for each inlet valve

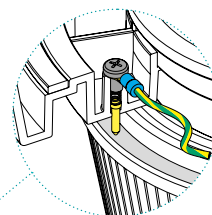
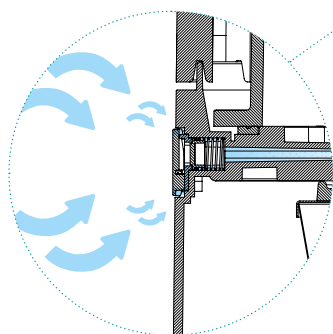


### Result

The computer provides an answer as a result of the test performed

## Antistatic filter and vacuum breaker valve

The **vacuum breaker** valve opens automatically, supplying air to the motor when the inlet flow from the intake pipe is reduced or absent, anticipating the intervention of the thermal protection.



The **filter is free from static charges** thanks to its connection to the plant's grounding system. The inverted conical shape of the filter, allows everything that has settled on its surface to fall into the dust container. **Washable and class M certified.**



On the body, there is an inlet valve that allows you to clean rooms adjacent to the point of installation (e.g., garages, basements, etc...). It is activated from the display of the central vacuum cleaner.

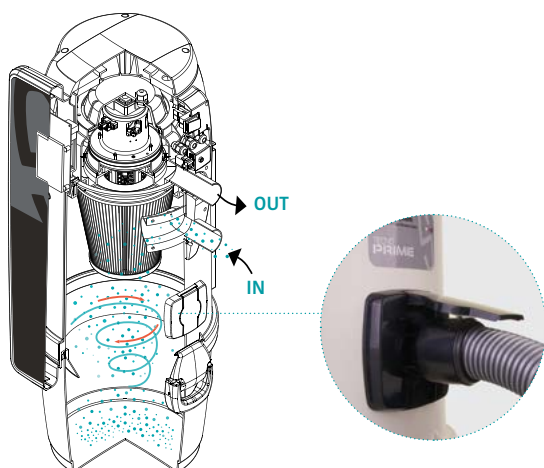
## BiVac: choice of cyclonic or bag filtration

Tecno Prime comes complete with the BiVac kit required to choose between two filtration options during installation.

### 1 Cyclonic filtration

The suctioned dust is filtered and separated from the air by the cyclone and falls into the dust container.

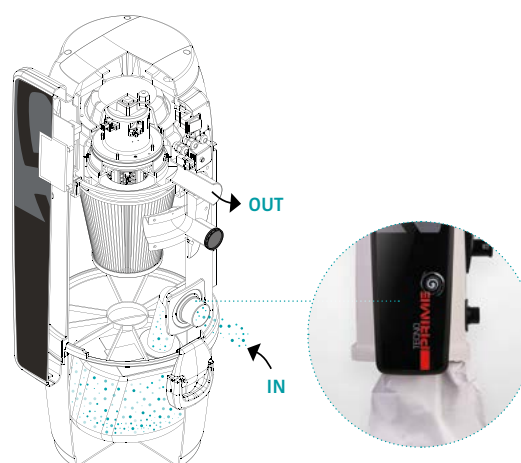
With this configuration it is possible to use the suction outlet on the machine.



### 2 Bag filtration

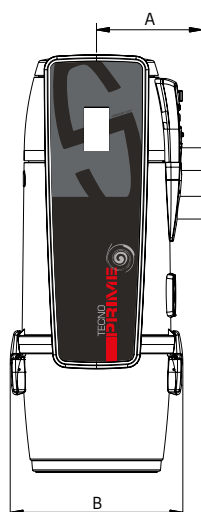
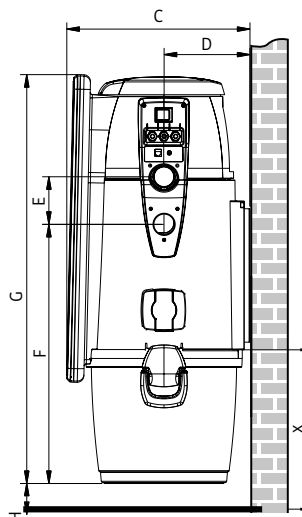
The microfiber bag retains the sucked dust making filter cleaning unnecessary.

With this configuration, the on-board valves is omitted.



# Measures and technical data table

It is recommended to **choose the model of the Tecno Prime central vacuum cleaner according to the total area to be cleaned**, to ensure maximum durability and performance over time.



MODEL		Tecno Prime 150	Tecno Prime 250	Tecno Prime 350	Tecno Prime 450
ARTICLE		3110.2TPR	3112.2TPR	3113.3TPR	3115.3TPR
<b>Recommended aspirant outlets</b>		<b>4</b>	<b>7</b>	<b>11</b>	<b>16</b>
<b>Max. surface to be cleaned</b>		<b>150m<sup>2</sup></b>	<b>250m<sup>2</sup></b>	<b>350m<sup>2</sup></b>	<b>450m<sup>2</sup></b>
<b>Operators</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Micro-dust vent</b>		<b>yes</b>	<b>yes</b>	<b>yes</b>	<b>yes</b>
Computer maintenance		yes	yes	yes	yes
Air Cloud		yes	yes	yes	yes
Air inlet/Air discharge	Ø mm	50	50	50	50
On board inlet valve		yes	yes	yes	yes
Degree of protection	IP	44	44	44	44
Power supply	V ac	220/240	220/240	220/240	220/240
Frequency	Hz	50/60	50/60	50/60	50/60
Motor power	kW	1,25	1,35	1,45	1,50
Absorption	A	5,0	5,6	6,3	6,5
Inlet valve power supply	V dc	12	12	12	12
Maximum air flow rate	m <sup>3</sup> /h	200	234	240	180
Max. depression	mbar	274	272	310	400
Filtration class	M	M	M	M	M
Filter surface area	cm <sup>2</sup>	6700	6700	6700	6700
Dust container capacity	l	21	21	21	21
BiVac bag capacity	l	18	18	18	18
Air exhaust silencer Ø 50 mm		yes	yes	yes	yes
Weight	kg	17	17	17	18
Measurement A	mm	233	233	233	233
Measurement B	mm	380	380	380	380
Measurement C	mm	412	412	412	412
Measurement D	mm	193	193	193	193
Measurement E	mm	107	107	107	107
Measurement F	mm	583	583	583	583
Measurement G	mm	919	919	919	919
Measurement H (min.)	mm	100	100	100	100
Measurement X (min.)	mm	400	400	400	400
Noise level lower than	dB(A)	70			

\*Depending on the type of filtration chosen

**P.N.:** Rated noise values, may vary depending on environment and type of installation.

## Certifications



Marking of conformity with European Community Directives.



Protection degree



Electrical insulation  
CLASSE I

### TECNO PRIME LINE - APPLIANCES COMPLYING WITH THE FOLLOWING STANDARDS:

EC DIRECTIVES:

- 2006/42/CE
- 2006/95/CE
- 2004/108/CE

### APPLIED HARMONISED STANDARD:

- EN 60335-1 : 2012
- EN 60335-2-2 : 2010
- EN 61000-3-2 : 2006 + A2 : 2009
- EN 61000-3-3 : 2008
- EN 55014-1 : 2006 + A1 : 2009
- EN 55014-2 : 1997 + A2 : 2008
- EN 62233: 2008

ROHS DIRECTIVE 2002/95

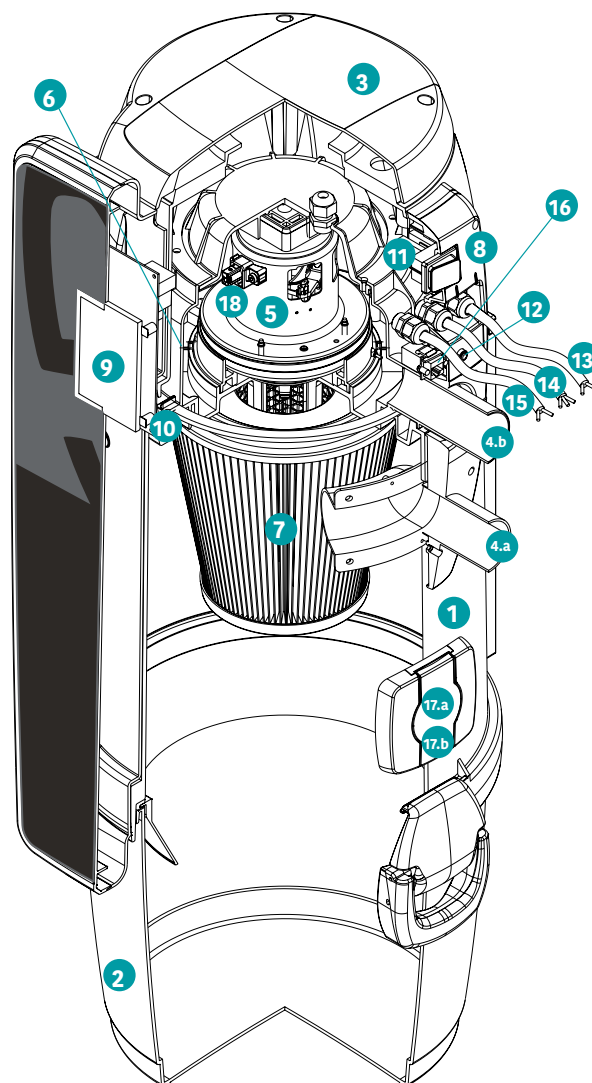
Compliance to REACH directives

**P.N.:** strictly adhere to the regulations in force for installation



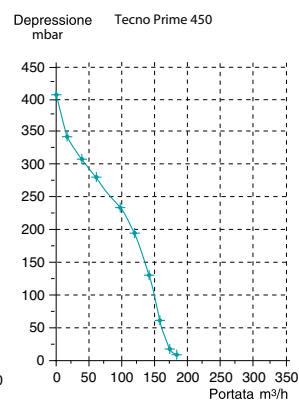
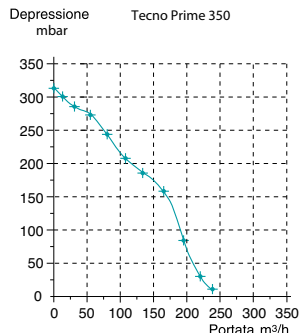
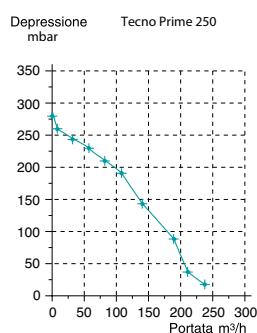
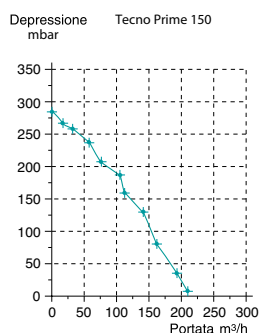
# Technical features and section

1. Self-supporting cylindrical polypropylene and ABS shell
2. 21 l polypropylene dust container with PA6 nylon handles
3. Soundproof engine bay
- 4.a System connection, dust inlet - with cyclonic filtration
- 4.b Exhaust connection, air outlet
5. Motor-impeller assembly, consisting of single-phase brush-type electric motor and impeller pack
6. Vacuum breaker valve
7. Antistatic conical filter class M
8. Double protection electric control board, with fuses both on the main and secondary circuit
9. On-board touch screen computer
10. Pressure transducer for detecting the efficiency status of the filter and full bag
11. Soft Start electronic board for soft engine start
12. Safety temperature sensor protection requiring manual reset
13. 12 V dc inlet valve power supply
14. Power supply cable
15. Auxiliary signal cable
16. Ethernet socket for Air Cloud internet connection
- 17.a On board inlet valve - only with cyclonic filtration
- 17.b Dust inlet - only with bag filtration
18. Thermal switch with automatic reset



Tecno Prime includes the BiVac conversion kit for the choice of filtration, silencer and pipe connection sleeves and is compatible with all Sistem Air cleaning accessories.

## Performance Graphs



## Basic installation principles

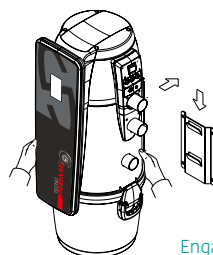
The following are the basics for the correct installation of the Tecno Prime central vacuum cleaner. The IP44 degree of protection allows outdoor installation as long as it is protected from the weather.

In the case of a building on several levels, we recommend installation always on the lowest level. If this is not possible, a motorisation higher than the actual cleaning surface must be used.

### Fixing the vacuum unit

Tecno Prime is supplied complete with a steel bracket for wall mounting.

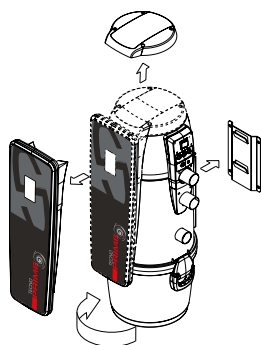
**N.B. it must be fixed so that the dust container is more than 10 cm above the ground**



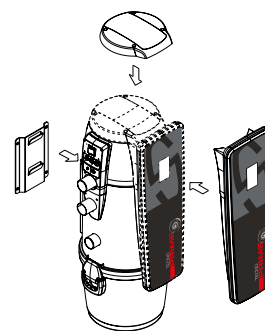
Engagement on fixing bracket

### Reversibility of right/left connections

The Tecno Prime line is designed for easy connection of the IN inlet and OUT outlet to the pipe network, either left or right.



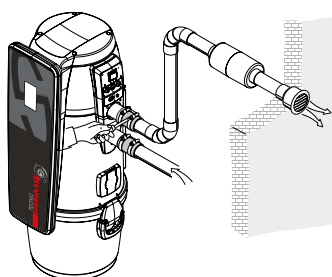
IN/OUT arranged on the right



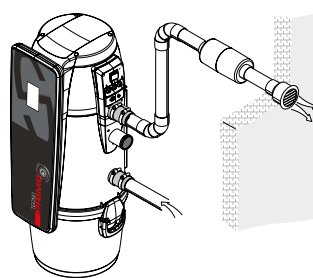
IN/OUT arranged on the left

### Connection to the pipe net

Connection to the piping network is via the vibration-damping sleeves and clamps supplied. Tecno Prime is also supplied complete with a Ø 50 mm air outlet silencer.



Configuration with  
cyclonic filtration

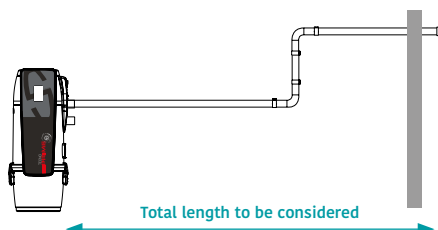


Configuration with  
bag filtration

### Air outlet sizing

The air outlet must be dimensioned according to the length of development, strictly adhering to the indications given in the table, in order to create optimal conditions for the expulsion of air.

Air outlet line length	Diameter Ø
max 4 m	50 mm
over 4 m	63 mm

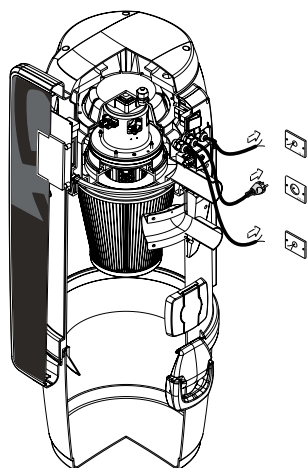


Use the same diameter along the entire length of the drain. Example:

3.5 m long outlet = all Ø 50 mm  
8 m long outlet = all Ø 63 mm

## Electrical connection

To connect the Tecno Prime central vacuum cleaner correctly to the mains, follow the instructions in the diagram below. For further details, please refer to the technical manual.



12V inlet valves power supply

Power supply AC 230V

Auxiliary signal max. 1 A 230 V ac/30 V d



## Spare parts table

The spare parts available for Tecno Prime central vacuum cleaners are listed below.

Model	Article	Filter cartridge	Silencer venting	BiVac bags	Electronic board	Motor
Tecno Prime 150	<b>3110.2TPR</b>	1610.0R	110001	1614.5	Contact customer care service	
Tecno Prime 250	<b>3112.2TPR</b>	1610.0R	110001	1614.5	Contact customer care service	
Tecno Prime 350	<b>3113.3TPR</b>	1610.0R	110001	1614.5	Contact customer care service	
Tecno Prime 450	<b>3115.3TPR</b>	1610.0R	110001	1614.5	Contact customer care service	

## Sistem Air customer care contacts

Mail [info@sistemair.it](mailto:info@sistemair.it)

Tel +39 0381 650082

WhatsApp +39 340 4090146



DOWNLOAD  
FULL MANUAL



Qualitative and essential



# Vacuum unit

## Tecno Evox

Area of use:  
domestic  
homes, villas, stores



Max. surface to be cleaned: **450**

1 single user



Pipe net Ø 50 mm



IP20



DOMESTIC



Tecno Evox is designed for a rational user who does not want to compromise on quality, underlined by the materials chosen and the careful assembly.

Power and reliability for those who seek an essential product but are not willing to compromise.

The Tecno Evox range of central vacuum cleaners is **designed specifically for domestic dust extraction.**

Available in **four motorisations** to clean surfaces **up to 450m²** for system used by a single user.

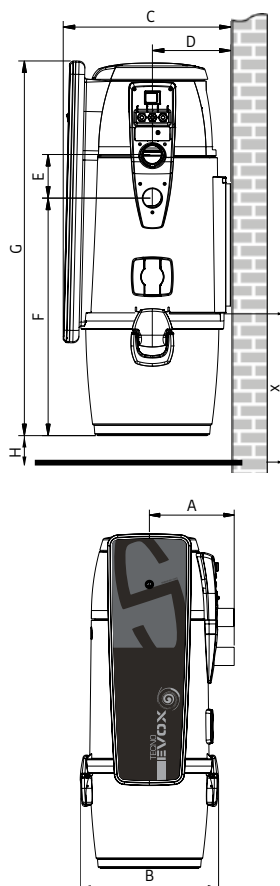


### Available motorisations

3110.1TEV	Tecno Evox 150	up to 150 m²
3112.1TEV	Tecno Evox 250	up to 250 m²
3113.3TEV	Tecno Evox 350	up to 350 m²
3115.3TEV	Tecno Evox 450	up to 450 m²

# Table of measurements and technical data

It is recommended to **choose the model of the Tecno Evox central vacuum cleaner according to the total area to be cleaned**, to ensure maximum durability and performance over time.



MODEL		Tecno Evox 150	Tecno Evox 250	Tecno Evox 350	Tecno Evox 450
ARTICLE		3110.1TEV	3112.1TEV	3113.3TEV	3115.3TEV
Recommended inlet points		4	7	11	16
Max. surface to be cleaned		150m <sup>2</sup>	250m <sup>2</sup>	350m <sup>2</sup>	450m <sup>2</sup>
Users		1	1	1	1
Micro-dust vent		yes	yes	yes	yes
On-board inlet valve		yes	yes	yes	yes
Air inlet/Air outlet	Ø mm	50	50	50	50
Degree of protection	IP	20	20	20	20
Power supply	V ac	220/240	220/240	220/240	220/240
Frequency	Hz	50/60	50/60	50/60	50/60
Motor power	kW	1,25	1,35	1,45	1,50
Absorption	A	5,0	5,6	6,3	6,7
Inlet valves supply	V dc	12	12	12	12
Maximun air flow	m <sup>3</sup> /h	200	234	240	180
Maximum depression	mbar	274	272	310	400
Filtration class		M	M	M	M
Filtering surface	cm <sup>2</sup>	6700	6700	6700	6700
Dust container capacity	l	21	21	21	21
Air exhaust silencer Ø 50 mm		yes	yes	yes	yes
Weight	kg	17	17	17	18
Measurement A	mm	233	233	233	233
Measurement B	mm	380	380	380	380
Measurement C		412	412	412	412
Measurement D	mm	193	193	193	193
Measurement E	mm	107	107	107	107
Measurement F	mm	583	583	583	583
Measurement G	mm	919	919	919	919
Measurement H (min.)	mm	100	100	100	100
Measurement X (min.)	mm	500	500	500	500
Noise level lower than	dB(A)	70			

**P.N.:** Rated noise values, may vary depending on environment and type of installation.

## Certifications



Marking of conformity with European Community Directives.



IPprotection degree



GElectrical insulation Class  
CLASS II

**TECNO EVOX LINE - APPLIANCES COMPLYING WITH THE FOLLOWING STANDARDS:**

**RELEVANT EEC DIRECTIVES:**

- 2006/42/CE
- 2006/95/CE
- 2004/108/CE

**APPLIED HARMONIZED STANDARDS**

- EN 60335-1 : 2012
- EN 60335-2-2 : 2010
- EN 61000-3-2 : 2006 + A2 : 2009
- EN 61000-3-3 : 2008
- EN 55014-1 : 2006 + A1 : 2009
- EN 55014-2 : 1997 + A2 : 2008
- EN 62233: 2008

ROHS DIRECTIVES 2002/95

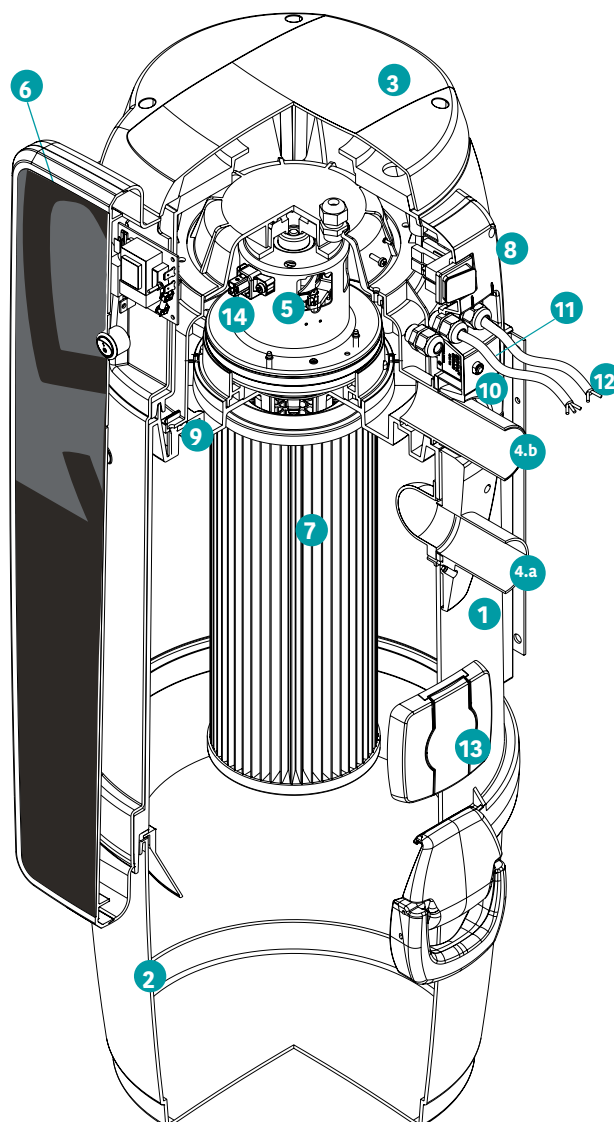
COMPLIANCE TO REACH directives

**P.N.:** strictly adhere to the regulations in force for installation

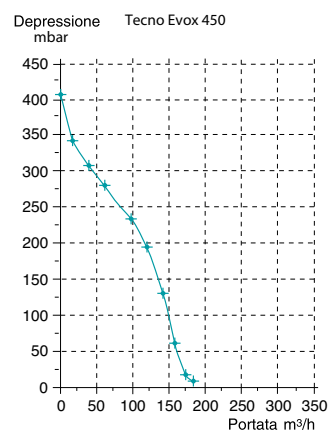
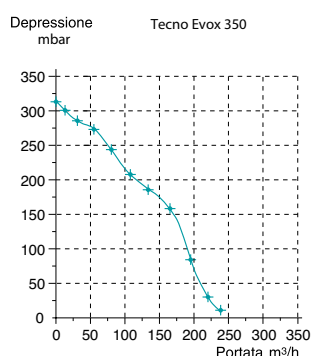
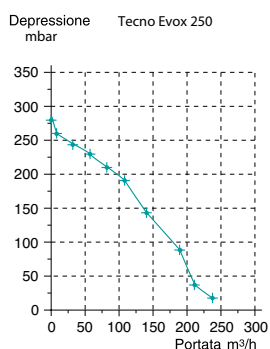
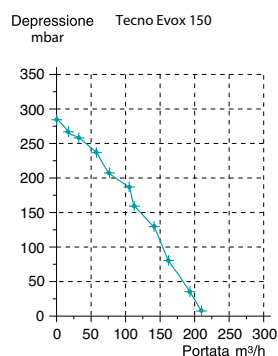
# Technical characteristics and section

1. Self-supporting cylindrical polypropylene and ABS shell
2. 21 l polypropylene dust container with PA6 nylon handles
3. Soundproof motor compartment
- 4.a System connection, dust inlet
- 4.b Exhaust connection, air outlet
5. Motor-impeller assembly, consisting of single-phase brush-type electric motor and impeller pack
6. Vacuum breaker valve
7. Class M filter cartridge
8. Double protection electric control board, with fuses both on the main and secondary circuit
9. Soft Start electronic board for soft engine start
10. Safety temperature sensor protection requiring manual reset
11. Soft Start electronic board for soft engine start
12. Power supply cable
13. On-board inlet valve
14. Thermic switch with automatic reset

Tecno Evox includes the silencer and pipe connection sleeves and is compatible with all Sistem Air cleaning accessories.

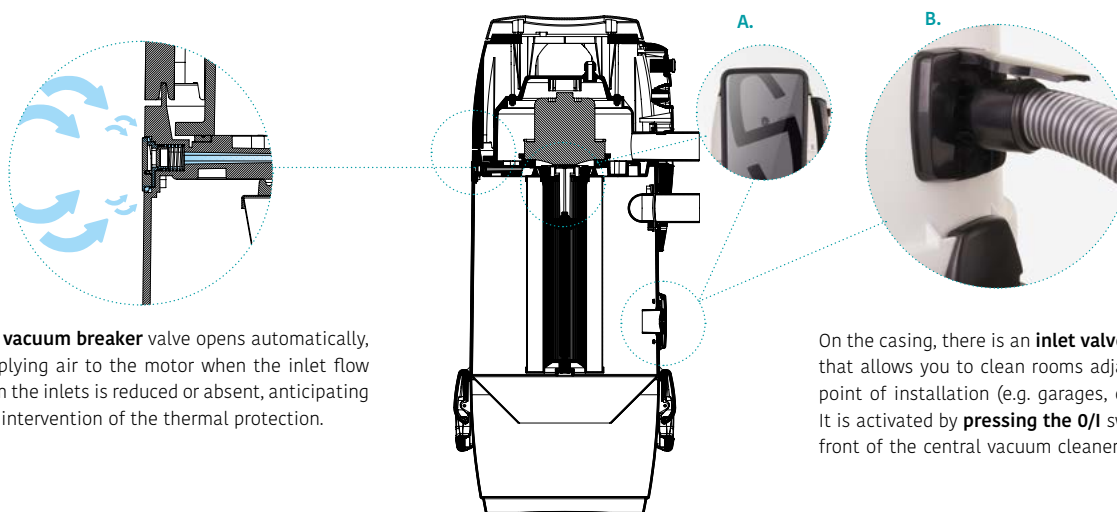


## Performance Graphs





## Vacuum breaker valve and on-board inlet valve



The **vacuum breaker** valve opens automatically, supplying air to the motor when the inlet flow from the inlets is reduced or absent, anticipating the intervention of the thermal protection.

On the casing, there is an **inlet valve (image B.)** that allows you to clean rooms adjacent to the point of installation (e.g. garages, cellars, etc.). It is activated by **pressing the 0/I switch** on the front of the central vacuum cleaner (**image A.**).

## Basic installation principles

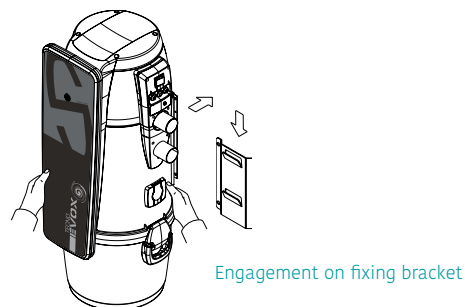
Below are the basics for the correct installation of the Tecno Evox central vacuum cleaner. The IP20 degree of protection allows outdoor installation as long as it is protected from the weather.

In the case of a building on several levels, we recommend installation always on the lowest level. If this is not possible, a higher motorisation than the actual cleaning surface must be used.

### Fixing the central unit

Tecno Evox is supplied complete with a steel bracket for wall mounting.

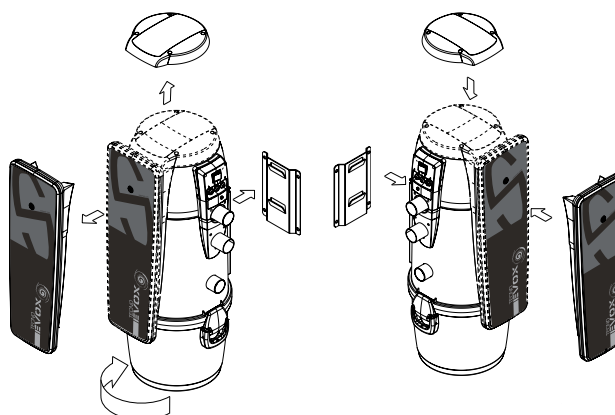
**N.B. it must be fixed so that the dust container is more than 10 cm above the ground.**



Engagement on fixing bracket

### Reversibility of right/left connections

The Tecno Evox line is designed for easy connection of the IN input and OUT output to the pipe network, either left or right.



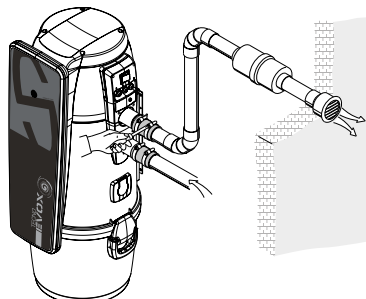
IN/OUT arranged on the right

IN/OUT arranged on the left

## Connection to the pipe network

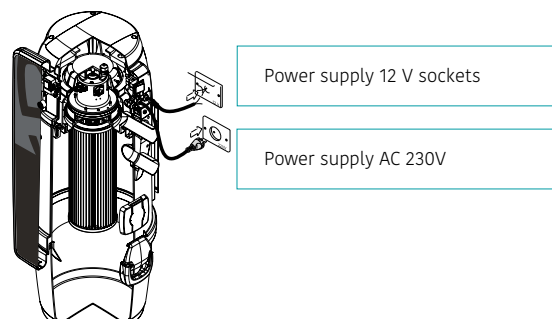
Connection to the piping network is via the vibration-damping sleeves and clamps supplied.

Tecno Evox is also supplied complete with a Ø 50 mm air outlet silencer.



## Electrical connection

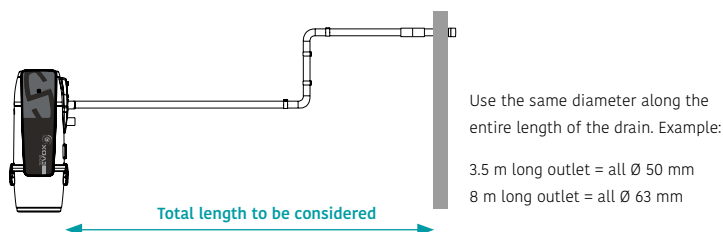
To make the correct mains connection of the Tecno Evox central vacuum cleaner, follow the instructions in the diagram below. For further details, please refer to the technical manual.



## Air outlet sizing

The air outlet must be sized to the length of development by strictly adhering to the indications given in the table, in order to create optimal conditions for air expulsion.

Air outlet line length	Diameter Ø
max 4 m	50 mm
over 4 m	63 mm



## Spare parts table

The spare parts available for the Tecno Evox range of central vacuum cleaners are listed below.

Model	Article	Cartridge filter	Silencer venting	Bags universal	Electronic board	Motor
Tecno Evox 150	<b>3110.1TEV</b>	1610.0	110001	1614.4	Contact customer care service	
Tecno Evox 250	<b>3112.1TEV</b>	1610.0	110001	1614.4	Contact customer care service	
Tecno Evox 350	<b>3113.3TEV</b>	1610.0	110001	1614.4	Contact customer care service	
Tecno Evox 450	<b>3115.3TEV</b>	1610.0	110001	1614.4	Contact customer care service	

## Sistem Air customer care contacts

Mail [info@sistemair.it](mailto:info@sistemair.it)

Tel +39 0381 650082

WhatsApp +39 340 4090146



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FULL MANUAL



A detailed line drawing of a complex industrial machine, possibly a large-scale food processing or packaging unit. The machine features a large cylindrical central component, various pipes, valves, and a complex assembly of mechanical parts. A teal banner is overlaid on the upper portion of the image, containing the text "For those with high aspirations".

For those with high aspirations

# Vacuum unit


## Tecno Star

### Dual Power

Area of use:  
domestic  
home, villas, stores



Maximum surface to be cleaned: **450 m²**

up to 2 users 

Pipe net Ø 50 mm



IP44



DOMESTIC



Tecno Star Dual Power is the domestic central vacuum cleaner that allows up to 2 operators to use the system at the same time.

Semi-professional core, powered by a **pair of brush motors**, electronic maintenance management and provision for installation of the Autocleaner automatic filter cleaning system.

Tecno Star Dual Power is specifically designed for domestic dust extraction.

Ideal for large homes up to 450m², two-family solutions, bed & breakfasts and shops.

**TECNO Star**  
\*\* Dual Power

#### Available motorisations

3116.2TS	Tecno Star Dual	up to 450 m²
----------	-----------------	--------------

#### Optional

3600.0U	Autocleaner	Filter self-cleaning
---------	-------------	----------------------

## The solution for large spaces

Tecno Star Dual Power is extremely versatile. The two brush motors allow simultaneous suction by two operators, in the same house or in a two-family solution.

Alternatively, the suction power can be combined by activating the Turbo function by one user for an extraordinary booster effect.

### A Semi-detached



Two separate Ø50mm systems are realised which connect into a Ø63mm manifold that connects to the central vacuum cleaner.

With this set-up, each household uses its own system independently, even at the same time, with only one central vacuum cleaner.



### B Single-family house / b&b



The entire system is realised with Ø63mm tubing that is reduced to Ø50mm to connect the individual inlet valves.

This solution is highly recommended for installing Tecno Star Dual Power where simultaneous suction by two users in the same building is required.

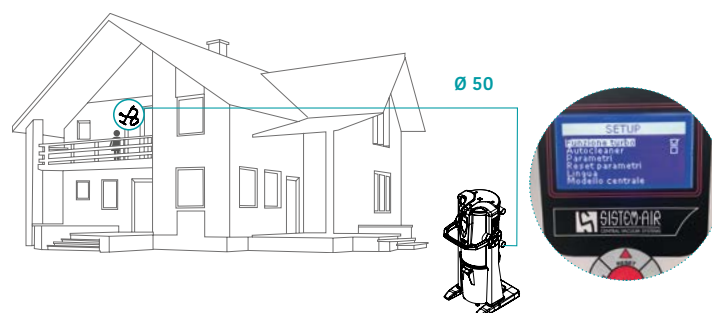


### C Turbo function



When particularly powerful suction is required, the Turbo function can be activated. In this way, the suction power ergogated by both motors is utilised.

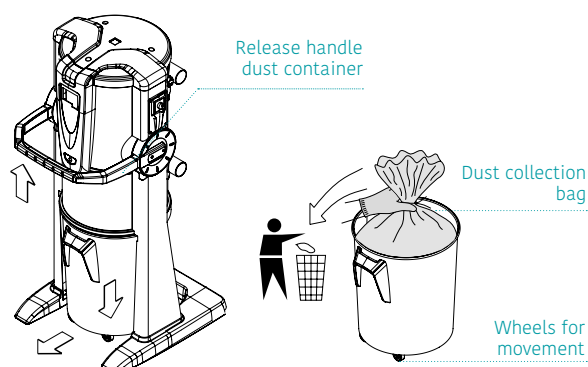
The Turbo function can only be used with a single user.



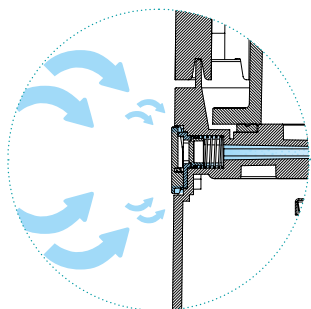
### Powder container on wheels

The Tecno Star Dual Power dust container is complete with wheels that allow it to be moved to the emptying point with the greatest of ease.

It is equipped with a simplified release system, with a handle covered in shockproof material, which allows the dust container to be emptied effortlessly.



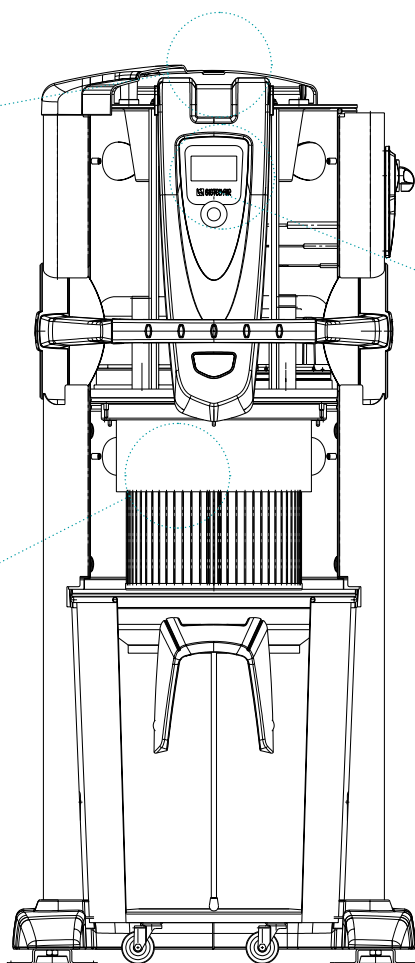
## Excellent in all aspects



The **vacuum breaker valve** opens automatically, supplying air to the motors when the inlet flow from the inlets is reduced or absent, anticipating the intervention of the thermal protection.



A galvanised steel **filter protection flange** is attached to the body of the central vacuum cleaner. The protection ensures the safety of the filter cartridge even when sucking in large amounts of dust or in the presence of irregular residues.



The **electronic board** with microprocessor connected to the pressure sensors can provide real-time readings. Tecno Star Dual Power detects:

- dust container filling
- filter wear status
- general system efficiency level
- vacuum value in the system
- scheduled maintenance
- hours of switch-on
- power consumption

## Automatic filter cleaning system Autocleaner

Tecno Star Dual Power is prepared for installation of the Autocleaner system, art. no. 3600.0U optional to be purchased separately, for automatic filter cleaning, for more details see Autocleaner section pag. 41.



### Autocleaner

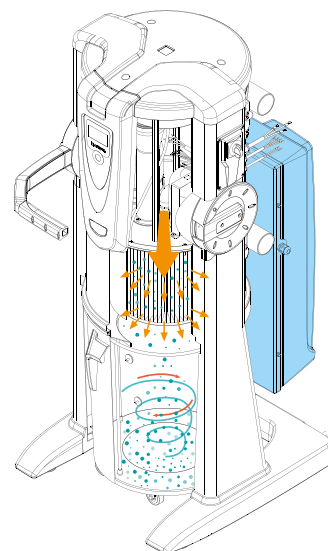
Packaging 1 piece

● art. 3600.0U - automatic filter cleaning for Tecno Star

The system delivers a powerful jet of compressed air at programmed intervals that passes through the filter in the opposite direction to the suction.

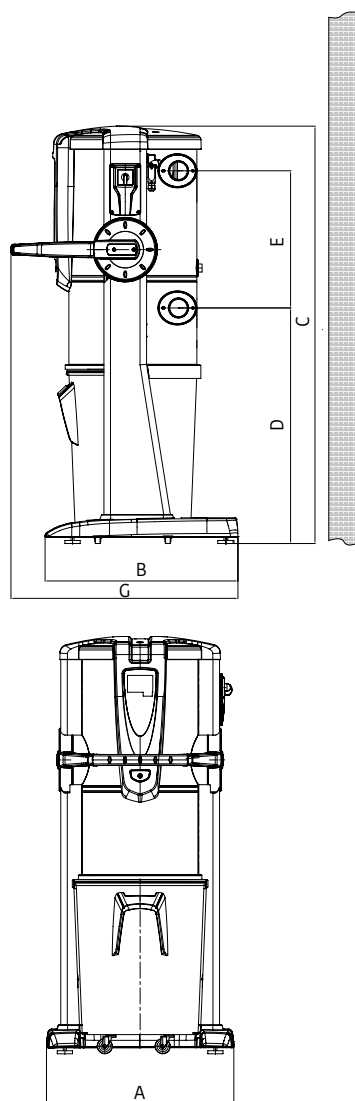
In this way the dust that has settled on the walls and between the folds of the filter will detach and be free to fall into the dust collection dust container.


Autocleaner can also be fitted after installation of the vacuum unit.



# Table of measurements and technical data

Below are the technical and performance data of the Tecno Star Dual Power central vacuum cleaner.



MODEL		Tecno Star Dual Power
ARTICLE		3116.2TS
Recommended aspirant outlets		16
Max. surface to be cleaned		450m <sup>2</sup>
Operators		1 + 1
Micro-dust vent 		yes
On-board inlet valve		NO
Air inlet/Air outlet Ø mm		63
Degree of protection IP		20
Power supply V ac		220/240
Frequency Hz		50/60
Motor power kW		1,35 x 2
Absorption A		11,2
Power supply sockets V dc		12
Maximum air flow rate m3/h		390
Max. depression mbar		285
Filter surface area cm <sup>2</sup>		17000
Filtration class		M
Dust container capacity l		62
Air vent		yes
Air exhaust silencer Ø 63 mm		yes
Weight kg		55
Measurement A mm		615
Measurement B mm		633
Measurement C mm		1369
Measurement D mm		773
Measurement E mm		450
Measurement F mm		745
Measurement G mm		600
Noise level with 1 motor dB(A)		64
Noise level with 2motor dB(A)		69

**P.N.:** rated noise values, may vary depending on environment and type of installation.

## Certifications



Marking of conformity with European Community Directives.



Protection degree IP



Degree of electrical insulation  
CLASS I

**TECNO PRIME LINE - APPLIANCES COMPLYING WITH THE FOLLOWING STANDARDS:**

**RELEVANT EEC DIRECTIVES:**

- 2006/42/CE
- 2006/95/CE
- 2004/108/CE

**APPLIED HARMONISED STANDARDS:**

- EN 60335-1 : 2012
- EN 60335-2-2 : 2010
- EN 61000-3-2 : 2006 + A2 : 2009
- EN 61000-3-3 : 2008
- EN 55014-1 : 2006 + A1 : 2009
- EN 55014-2 : 1997 + A2 : 2008
- EN 62233: 2008

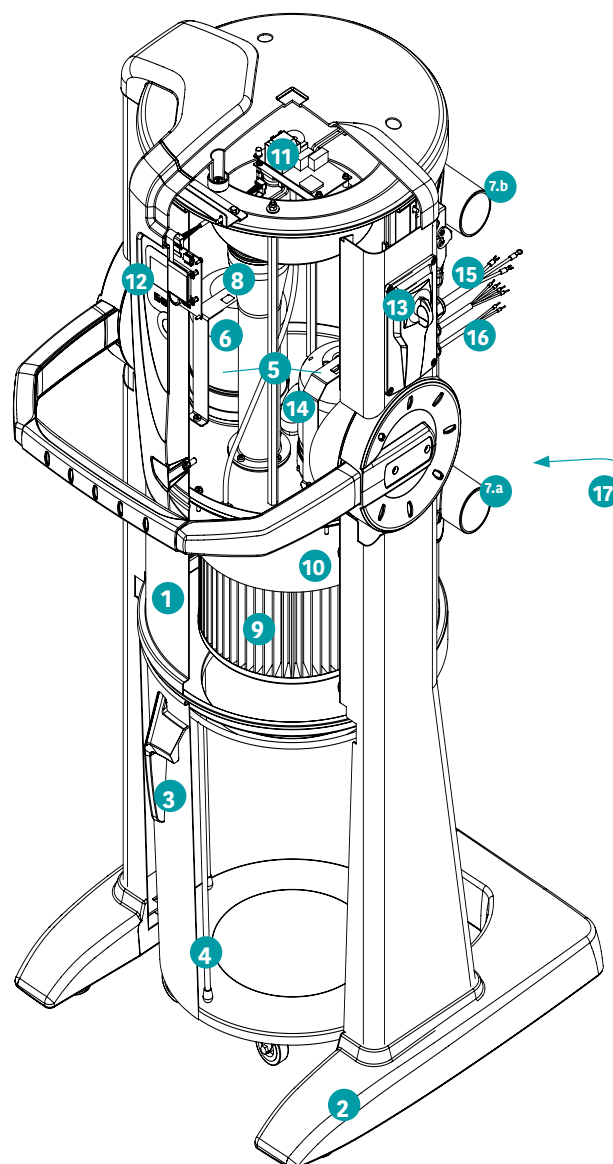
ROHS DIRECTIVE 2002/95

COMPLIANCE TO REACH DIRECTIVES

**N.B.:** strictly adhere to the regulations in force for installation

## Technical characteristics and section

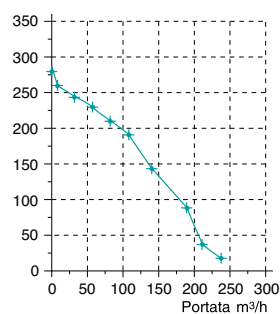
1. Cylindrical epoxy powder-coated shell
2. Shock-proof coated base
3. 62 l metal dust container on wheels
4. Bag tightner
5. Motor-impeller unit, consisting of single-phase electric motor with brushes and impeller pack
6. Soundproofing for each individual motor
- 7.a System connection, dust inlet
- 7.b Exhaust connection, air outlet
8. Vacuum breaker valve
9. Class M filter cartridge
10. Filter protection flange
11. Dual-protection electronic control board with fuse-disconnect holders on both primary circuit and secondary
12. On-board computer
13. Soft Start electronic board for soft engine start
14. Thermic switch with automatic reset
15. Power supply cable
16. Auxiliary signal cable
17. Arrangement for Autocleaner automatic filter self-cleaning system



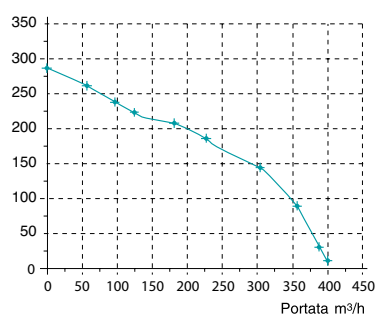
Tecno Star Dual Power includes the silencer and pipe connection sleeves and is compatible with all Sistem Air cleaning accessories.

## Performance Graphs

Depressione  
mbar Tecno Star Dual Power  
1 motore attivo



Depressione  
mbar Tecno Star Dual Power  
2 motori attivi



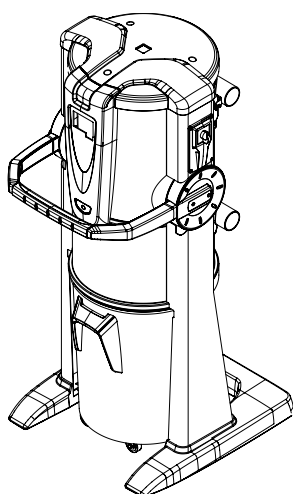


## Installation Basics

The following are the basic notions for the correct installation of the Tecno Star Dual Power central vacuum cleaner. The room chosen for the installation must be protected from the weather, humidity and excessive changes in temperature as well as away from heat sources.

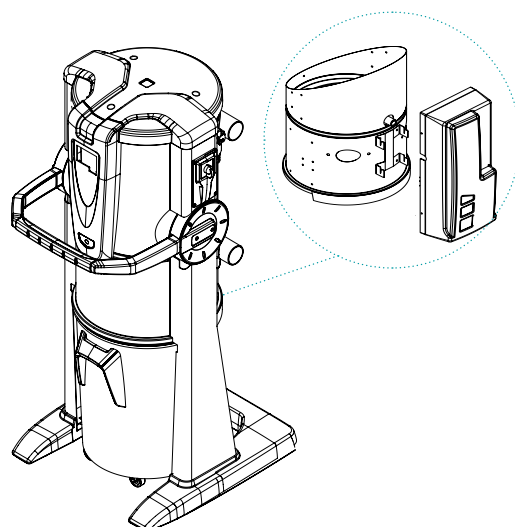
### Fixing the vacuum unit

The vacuum unit does not require anchoring as long as the supporting surface is solid, vibration-free and not uneven.



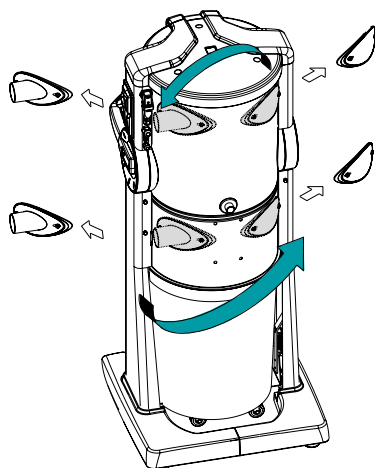
### Autocleaner connection (optional)

When installing the Autocleaner Art. 3600.0U self-cleaning system, provide a minimum distance from the wall of 50 mm for possible dismantling.



### Reversibility of right/left connections

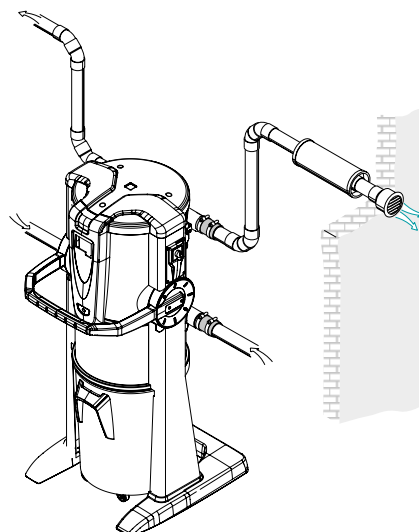
Tecno Star Dual Power is designed to easily connect the IN input and OUT output to the pipe network, either left or right.



### Connection to the pipe network

Connection to the piping network is via the vibration-damping sleeves and clamps supplied.

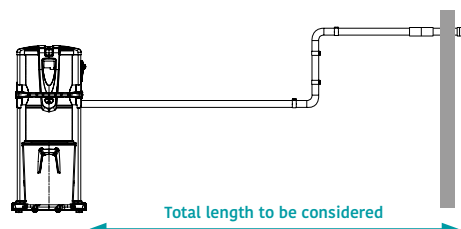
Tecno Star Dual Power is also supplied complete with air outlet silencer Ø 63 mm.



## Air outlet sizing

The air outlet must be sized to the length of development by strictly adhering to the indications given in the table, in order to create optimal conditions for air expulsion.

Air outlet line length	Diameter Ø
max 6 m	63 mm
over 6 m	80 mm

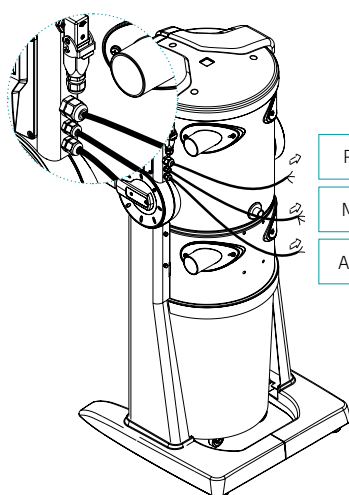


Use the same diameter along the entire length of the drain. Example:

3.5 m long outlet = all Ø 63 mm  
8 m long outlet = all Ø 80 mm

## Electrical connection

To make the correct mains connection of the Tecno Star Dual Power central vacuum cleaner, follow the instructions shown in the diagram. For further details, please refer to the technical manual.



Power supply line AC 230V

Micro Line 1 - 2 / 12V suction sockets

Auxiliary signal max. 1 A, 230 V ac/30 V dc

## Spare parts table

The spare parts available for the Tecno Star Dual Power central vacuum cleaner are listed below.

Model	Article	Filter cartridge	Silencer venting	Bags universal	Electronic board	Motor
Tecno Star Dual Power	<b>3116.2TS</b>	1610.7	110002	1614.2	Contact customer care service	

## Sistem Air customer care contacts

Mail [info@sistemair.it](mailto:info@sistemair.it)

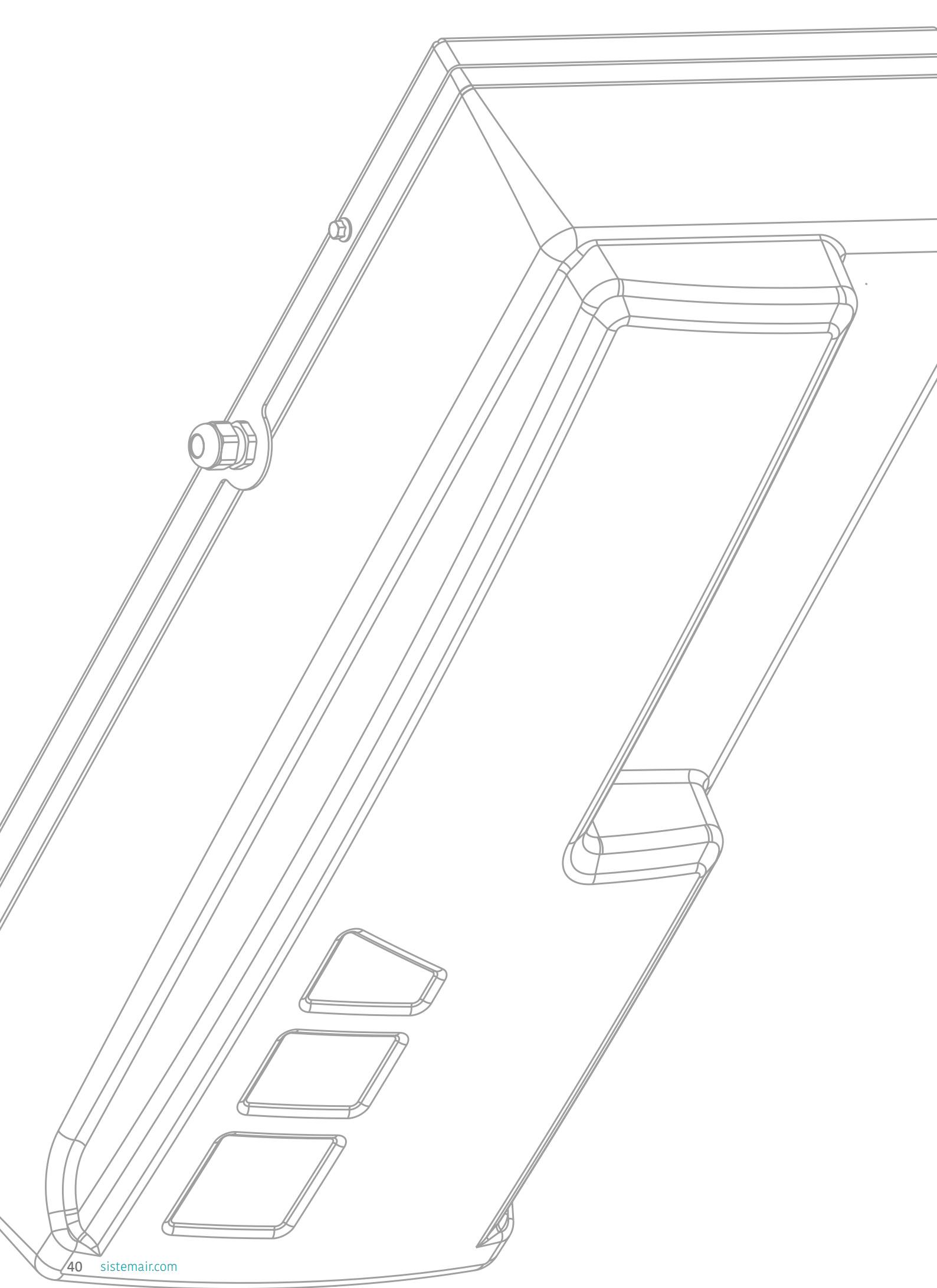
Tel +39 0381 650082

WhatsApp +39 340 4090146

**TECNO Star**  
★ ★ Dual Power

DOWNLOAD  
FULL MANUAL





# Filter Self-cleaning system Autocleaner

Area of use:

domestico

large homes, semi-detached villas,

B&Bs, shops



Compatible central vacuum

cleaners: **Tecno Star Dual Power**



IP40



DOMESTIC



Autocleaner is the **automatic and continuous cleaning system for the filter**, which is separated from the central vacuum cleaner housing.

Maximum suction power is guaranteed by the efficiency of the filter. By continuously removing dust from the filter cartridge, Autocleaner **eliminates maintenance by the user and ensures high performance at all times.**

The system can also be retrofitted to central vacuum cleaners that have Autocleaner factory fitted.

Specifically, it can be installed on the Tecno Star Dual Power domestic central vacuum cleaner art. 3116.2TS, present in this catalogue, or on the Sistem Air Pro professional line, see dedicated catalogue.

## Autocleaner



### Available models

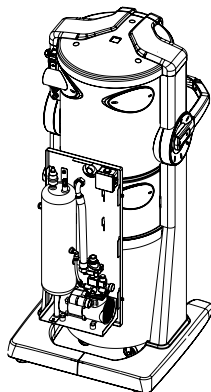
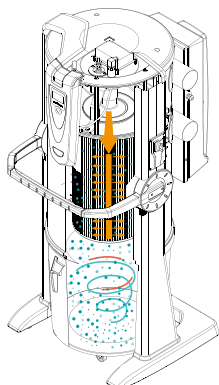
3600.0U

Autocleaner

Self-cleaning filter

## Automatic filter cleaning

To ensure maximum effectiveness of the central vacuum system at all times, the Autocleaner system automatically cleans the central vacuum cleaner filter using compressed air technology.



### Forgetting the filter

It clears the filter walls of deposited dust. The powerful compressed air jet passes through the filter in the opposite direction to the suction direction. Thus it will stay clean for longer.

### Central vacuum cleaner connection

The connection is made by simply connecting the compressed air hose to the central unit and inserting the multi-pin electrical connector into the appropriate inlet on the suction unit.

### Ready-to-use backpack

Autocleaner can be installed on the Tecno Star Dual Power domestic central vacuum cleaner art. 3116.2TS or on the Sistem Air Pro professional line, see dedicated catalogue.

Once the Autocleaner system has been installed, simply activate it via the central vacuum cleaner's display to set

- number of system cycles;
- definition of the operating time bands, according to the customisations requested by the user (e.g. exclusion of night hours);



Autocleaner setting via Tecno Star Dual Power central vacuum cleaner display



### CERTIFICATIONS



Marking of conformity with European Community Directives.



Protection degree IP



Degree of electrical insulation  
CLASS I

#### Autocleaner -APPLIANCE COMPLYING WITH THE FOLLOWING STANDARDS:

RELEVANT EEC DIRECTIVES :

- 2006/42/CE
- 2006/95/CE
- 2004/108/CE

APPLIED HARMONIZED STANDARDS:

- EN 60335-2-34 : 2003

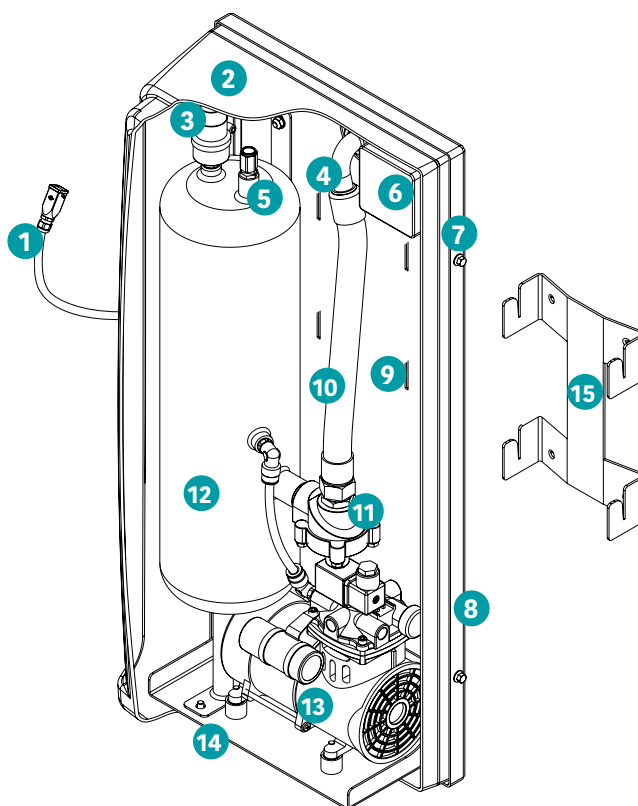
N.B.: strictly adhere to the regulations in force for installation



# Technical characteristics and section

1. Multi-pin connector
2. Thermoformed casing
3. Pressure switch
4. Compressed air outlet connection
5. Safety valve
6. Electrical connection box
7. Cover fixing screws
8. Support plate
9. Autocleaner bracket anchoring holes
10. Compressed air hose
11. Solenoid valve
12. Compressed air tanks
13. Compressor
14. Condensate drain with tap
15. Fixing bracket

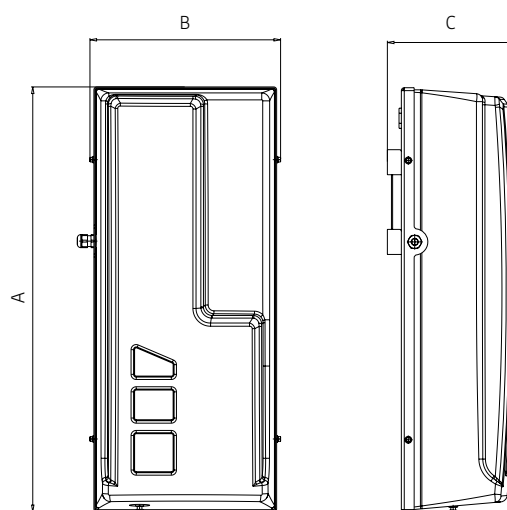
Autocleaner includes the fixing bracket and accessories required for installation.



## MODEL

## Autocleaner

ARTICLE		3600.0U
Air outlet	Ø "	¾
Degree of protection	IP	40
Power supply	V ac	220/240
Frequency	Hz	50/60
Power	W	250
Absorption	A	1,3
Air pressure	bar	3,5
Cylinder capacity	l	6
Measurement A	mm	730
Measurement B	mm	328
Measurement C	mm	220





A detailed line drawing of a medical device, possibly a patient warming unit. The device features a control panel at the top with the text "SISTEM-AIR" and red indicator lights. Below the panel is a large, open rectangular compartment containing a circular heating element. The device is mounted on a base with four casters for mobility. A blue banner with the text "Small footprint" is overlaid on the upper left portion of the image.


Small footprint

# Vacuum unit

## Tecno Style Mini

Area of use:  
domestic  
homes, apartments, small spaces

Max. surface to be cleaned: **150**

1 single user 

Pipe net Ø 50 mm



IP20



DOMESTIC



Tecno Style Mini is a concentrate of power for installations in small spaces.

Even if smaller, suction power and comfort is kept. For those who do not want to compromise.

The Tecno Style Mini central vacuum cleaner is **designed specifically for domestic dust extraction.**

Available in a **single motor with Mini body** for cleaning surfaces up to 150m<sup>2</sup> for system used by a single user.

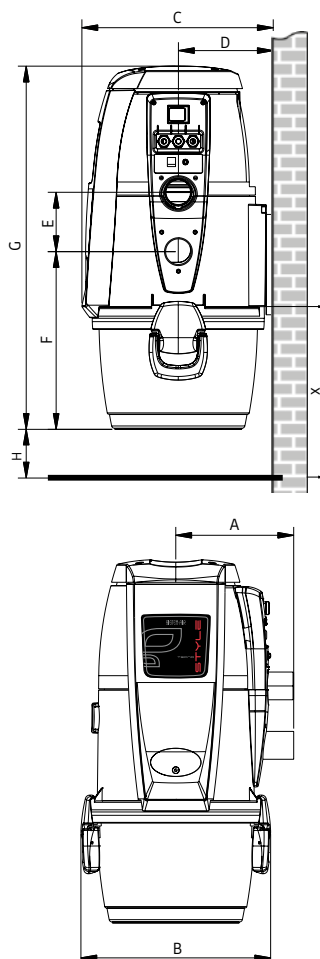
**TECNO STYLE**  
MINI


### Available motorisations

3107.1TER	Tecno Style Mini	up to 150 m <sup>2</sup>
-----------	------------------	--------------------------

# Table of measurements and technical data

Tecno Style Mini is available in a single motorisation, suitable for cleaning up to 150m<sup>2</sup> of surface area. The small footprint guarantees installation even in small spaces.



MODEL		Tecno Style Mini
ARTICLE		3107.1TER
Recommended aspirant outlets		4
Max. surface to be cleaned		150m <sup>2</sup>
Operators		1
Micro-dust vent 		SI
On-board inlet valve		NO
Air inlet/Air outlet Ø mm		50
Degree of protection IP		20
Power supply V ac		220/240
Frequency Hz		50/60
Motor power kW		1,25
Absorption A		5,0
Power supply sockets V dc		12
Maximum air flow rate m <sup>3</sup> /h		200
Max. depression mbar		274
Filtration class		M
Filter surface area cm <sup>2</sup>		3100
Dust container capacity l		15
Air exhaust silencer (Ø 50 mm)		SI
Weight kg		8,5
Measurement A mm		210
Measurement B mm		340
Measurement C mm		345
Measurement D mm		170
Measurement E mm		108
Measurement F mm		320
Measurement G mm		650
Measurement H (min.) mm		100
Measurement X (min.) mm		350
Noise level lower than dB(A)		70

**P.N.:** rated noise values, may vary depending on environment and type of installation.

## Certifications



Marking of conformity with European Community Directives.



Protection degree



Electrical insulation  
CLASS II

**TECNO STYLE MINI LINE - APPLIANCES COMPLYING WITH THE FOLLOWING STANDARDS:**

**RELEVANT EEC DIRECTIVES:**

- 2006/42/CE
- 2006/95/CE
- 2004/108/CE

**APPLIED HARMONISED STANDARDS:**

- EN 60335-1 : 2012
- EN 60335-2-2 : 2010
- EN 61000-3-2 : 2006 + A2 : 2009
- EN 61000-3-3 : 2008
- EN 55014-1 : 2006 + A1 : 2009
- EN 55014-2 : 1997 + A2 : 2008
- EN 62233 : 2008

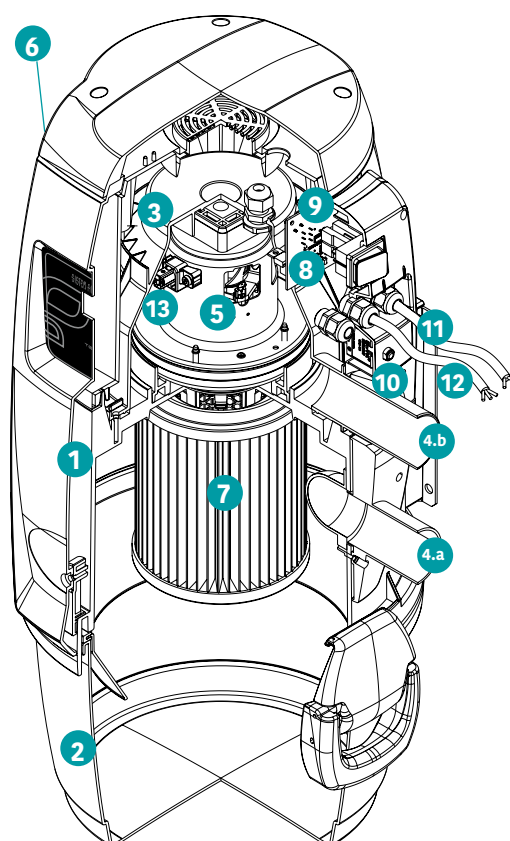
ROHS DIRECTIVE 2002/95

COMPLIANCE TO REACH DIRECTIVES

**N.B.:** strictly adhere to the regulations in force for installation

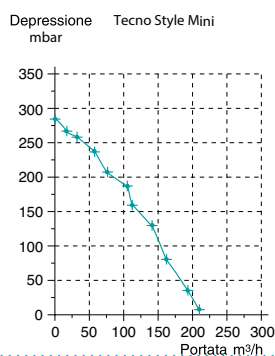
# Technical characteristics and section

1. Self-supporting cylindrical polypropylene and ABS shell
2. 15 l polypropylene dust container with PA6 nylon handles
3. Soundproof motor compartment
- 4.a Installation connection, dust inlet
- 4.b Exhaust connection, air outlet
5. Motor-impeller assembly, consisting of single-phase brush-type electric motor and impeller pack
6. Vacuum breaker valve
7. Class M filter cartridge
8. Electronic control board with double protection with disconnecting fuse holders on both primary and secondary circuits
9. Soft Start electronic board for gradual motor start-up
10. Safety temperature sensor protection requiring manual reset
11. 12 V dc inlet valve power supply
12. Power supply cable
13. Dust inlet



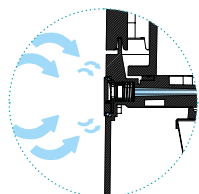
Tecno Style Mini includes the silencer and pipe connection sleeves and is compatible with all Sistem Air cleaning accessories.

## Performance Graphs



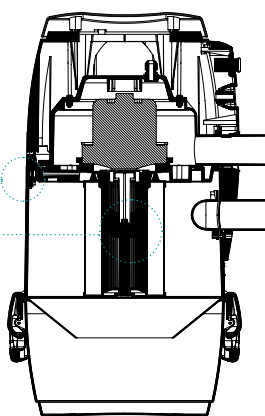


## Mini shell and vacuum breaker valve



The **vacuum breaker valve** opens automatically, supplying air to the engine when the inlet flow from the intake pipe is reduced or absent, anticipating the intervention of the thermal protection.

High-performance, washable compact filter in filtration class M.



Tecno Style Mini offers all the power and effectiveness of cyclonic dust separation. The body of the Tecno Style Mini central vacuum cleaner measures **only 65 cm in height by 34 cm in depth**.

The ideal choice for balconies, stairwells, hallways, cupboards...or in all small spaces.

## Basic installation principles

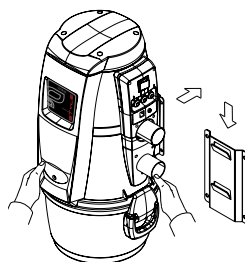
The following are the basics for the correct installation of the Tecno Style Mini central vacuum cleaner. The room chosen for the installation must be protected from the weather, humidity and excessive changes in temperature as well as away from heat sources.

In the case of a building on several levels, we recommend installation always on the lowest level.

### Fixing the central unit

Tecno Style Mini is supplied complete with a steel bracket for wall mounting.

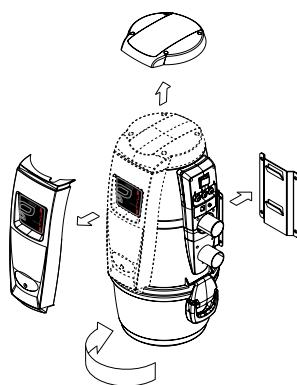
**P.N. it must be fixed so that the dust container is more than 10 cm from the ground**



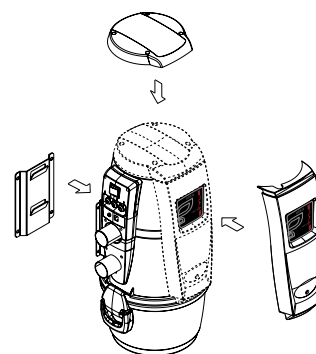
Engagement on fixing bracket

### Reversibility of right/left connections

The Tecno Style Mini central vacuum cleaner is prepared for easy connection of the IN inlet IN and the OUT outlet OUT to the pipe network, either left or right .



IN/OUT arranged on the right

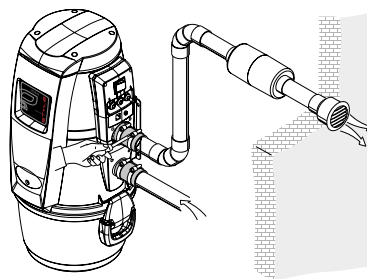


IN/OUT arranged on the left

## Connection to the pipe network

Connection to the piping network is via the vibration-damping sleeves and clamps supplied.

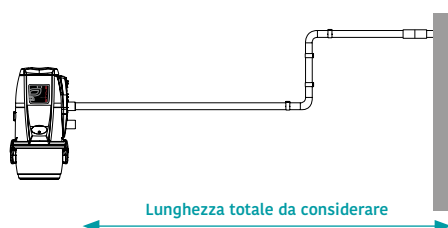
Tecno Style Mini is also supplied complete with a Ø 50 mm air outlet silencer.



## Air outlet sizing

The air outlet must be sized to the length of development by strictly adhering to the indications given in the table, in order to create optimal conditions for air expulsion.

Air outlet line length	Diameter Ø
max 4 m	50 mm
oltre 4 m	63 mm

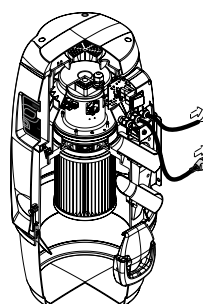


Use the same diameter along the entire length of the drain. Example:

3.5 m long outlet = all Ø 50 mm  
8 m long outlet = all Ø 63 mm

## Electrical connection

To make the correct mains connection of the Tecno Style Mini central vacuum cleaner, follow the instructions shown in the diagram below. For further details, please refer to the technical manual.



12V inlet valve power supply

Power supply AC 230V

## Spare parts table

The spare parts available for the Tecno Style Mini central vacuum cleaner are listed below.

Model	Article	Cartridge filter	Silencer venting	Bags universal	Electronic board	Motor
Tecno Style Mini	<b>3107.1TER</b>	1610.5	110001	1614.4	Contact customer care service	

## Sistem Air customer care contacts

Mail [info@sistemair.it](mailto:info@sistemair.it)

Tel +39 0381 650082

WhatsApp +39 340 4090146

**TECNO STYLE**  
MINI

DOWNLOAD  
FULL MANUAL





Vertical building

# APARTMENTS

Central vacuum cleaners specifically for buildings, flats and micro spaces.

**All Sistem Air central vacuum cleaners expel 100% of micro-dust, dust mites, allergens and pollutants to the outside.** Ideal for everyone, including allergy sufferers and pets.

## VACUUM UNITS

### BUILT-IN

Wolly 2 53

### MICRO SPACES

Sistem Cube 61

## Product maintenance and service

Follow the instructions in the technical manual provided.

Periodic maintenance mainly concerns:

- cleaning the filter cartridge and replacing it after 2 years;
- bag replacement or emptying of dust containers;
- correct operation of the electric motor;
- checking the state of cleanliness of the air outlet.

All interventions not included in the scheduled maintenance operations by the end user must be carried out by qualified personnel.

We invite you to consult our website **sistemair.com** for more information on maintenance and the nearest service centre.





A detailed line drawing of a car's interior, showing the front and rear seats, dashboard, and various components like the air vents and door panels. A blue banner is overlaid on the upper left portion of the image.

Ideal for Apartments

# Vacuum unit

## Wolly 2

Area of use:  
domestic  
apartments, buildings



Max. surface to be cleaned: **300 m²**

1 single user



Pip net Ø 50 mm



IP44



Wolly 2 is the ideal **built-in central vacuum cleaner for apartments**. Super quiet and so compact that it fits everywhere.

**Compatible with stringent energy and acoustic certifications** thanks to the high-density polystyrene shell that maintains insulation in the wall where it is recessed.

Clean lines for a discreet aesthetic that blends in with any architectural design.

The Wolly 2 range of central vacuum cleaners is **specifically designed for domestic dust extraction**.

Available in **two motorisations** to clean surfaces up to **300m²** for system used by a single user.



### Available motorisation

8201.0	Wolly 2 150	up to 150 m²
8201.1	Wolly 2 300	up to 300 m²

# Ambient noise emission and thermal transmittance U

The body of the Wolly 2 central vacuum cleaner is lined with a high-density polystyrene shell that acts as thermal insulation, sound barrier and vibration-damping support. Thanks to this, heat loss due to the central unit's recessed installation is minimal.

## Ambient noise test



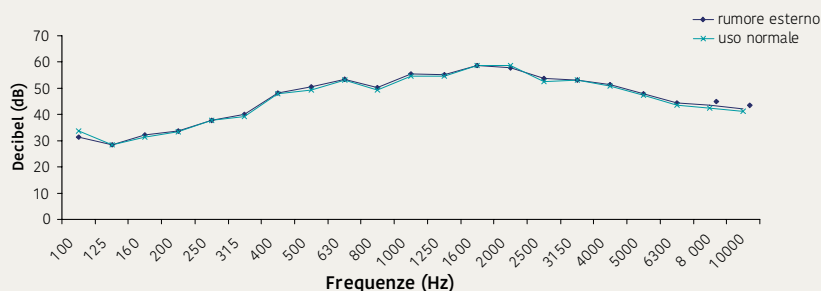
The environmental noise report according to ISO 11202:2010 (E) was issued by Sound and Life.

### External measurements\*

Wolly 2 switched on	L <sub>Aeq</sub> = 65 dB (A)
Wolly 2 switched on and in use	L <sub>Aeq</sub> = 64.9 dB (A)

### Internal measurements\*

Wolly 2 switched on and in use	L <sub>Aeq</sub> = 44.2 dB (A)
--------------------------------	--------------------------------



\*Main data. For complete measurements, a copy of the test report can be requested from the Sistem Air technical department.

## Thermal transmittance ratio U



The test report on thermal transmittance 'U' was drawn up by the Giordano Institute according to the parameters of the UNI EN ISO 8990:1999 standard.

Sample surface area $A_p$	0,91 m <sup>2</sup>
Average surface temperature of the sample on the hot side $t_{sc}$	18,63 °C
Average sample surface temperature on the hot side $t_{sf}$	0,76 °C
Thermal conductance of the sample $C = \frac{\Phi_1}{A_p \cdot (t_{sc} - t_{sf})}$	0,72 W/(m <sup>2</sup> · K)
Heat resistance $R = 1/C$	1,39 m <sup>2</sup> · K/W



You can request a copy of the full report by contacting the Sistem Air technical department.

## Design that fits in

The possibility of flush or surface mounting allows Wolly 2 to be positioned anywhere: from the studio to the penthouse.



**Built-in**

With **only 18,7 cm deep**, it blends in with the design of the building façade. Wolly 2 is installed flush with the wall, optimising space for the central vacuum cleaner.

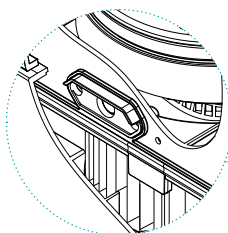


**Wall mounted**

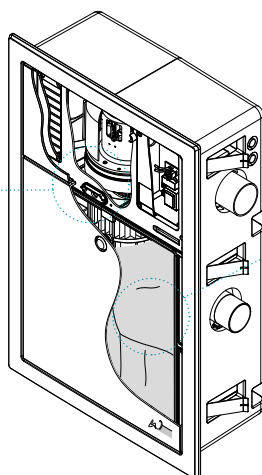
Wolly 2 can also be installed **wall hung with the finishing frame enhancing** the clean lines while keeping it discreet and compact.



## Vacuum breaker valve and filter bag



The **vacuum breaker valve** opens automatically, supplying air to the engine when the inlet flow from the intake pipe is reduced or absent, anticipating the intervention of the thermal protection.











**Microfibre bag filtration system** that retains suctioned dust, making filter cleaning unnecessary. Easy and reduced maintenance, thanks to the XXL bag format.



## Cleaning kit included

The **Wolly 2 central vacuum cleaner comes with a kit for the most important household cleaning tasks.**

The kit includes a floor and hard-surface brush, corner nozzle and dusting brush. In addition, the accessory holder allows for tidy storage of the hose and accessories when cleaning is complete.

	7037.9	9m flexible hose	1
	7038.0M	Fitting pipe inlet	1
	7039.1	Curved plastic fitting	1
	7040.0	Pair of chrome pipes	1
	7047.1	Basic floor brush	1
	7045.0	Curved nozzle	1
	7043.0	Basic dusting brush	1
	7041.0	Mini holder for accessories	1



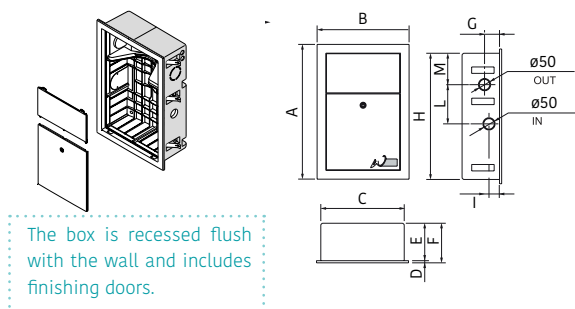
# Installation selection, measurements and technical data

**Wolly 2** central vacuum cleaners can be prepared for future installation, completed at a later date with the installation of the vacuum motor module or by choosing the **all-inclusive package** for complete installation.

## A Only predisposition

The arrangement allows the system to be completed at a later date by adding just the Wolly 2 central vacuum cleaner motor. The installation can be flush-mounted or surface-mounted.

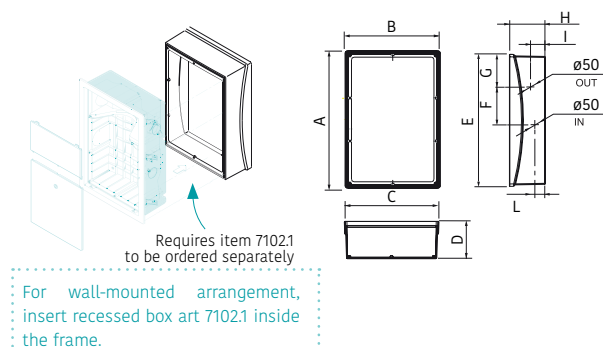
### BUILT-IN BOX PREARRANGEMENT



MODEL Built-in box

ARTICLE		7102.1
Weight	kg	7,5
Measurement A	mm	630
Measurement B	mm	430
Measurement C	mm	390
Measurement D	mm	12,5
Measurement E	mm	174,5
Measurement F	mm	187
Measurement G	mm	90,5
Measurement H	mm	590
Measurement I	mm	78
Measurement L	mm	218
Measurement M	mm	122

### PWALL-MOUNTED BOX PREPARATION

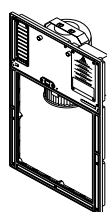


MODEL Fixing frame

ARTICLE		7102.2
Weight		3,4
Measurement A	mm	650
Measurement B	mm	450
Measurement C	mm	450
Measurement D	mm	176,5
Measurement E	mm	650
Measurement F	mm	218
Measurement G	mm	152
Measurement H	mm	176,5
Measurement I	mm	90,5
Measurement L	mm	78

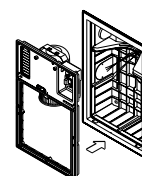
## B Completion

To complete a previously prepared Wolly 2 system, simply choose from the available motors. All motor modules are compatible with both flush-mounted and surface-mounted boxes.

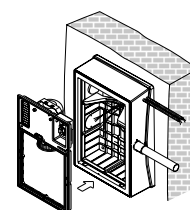


MODEL		Motor 150	Motor 300
ARTICLE		8202.0	8202.1
Recommended aspirant outlets		4	7
Max. surface to be cleaned		150 m <sup>2</sup>	300 m <sup>2</sup>
Operators		1	
Micro-dust vent		YES	
Air inlet/Air outlet	Ø mm	50	
Degree of protection	IP	IP44	
Power supply	V ac	220/240	
Frequency	Hz	50/60	
Motor power	kW	1,25	1,35
Absorption	A	5,0	5,6
Maximum air flow rate	m <sup>3</sup> /h	200	234
Max. depression	mbar	274	272
Noise level lower than	dB(A)	70	

### BUILT-IN COMPLETION



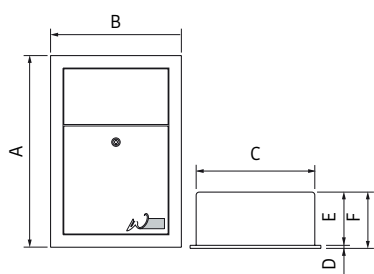
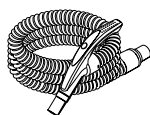
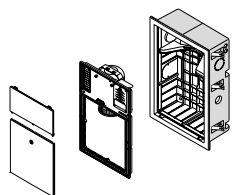
### COMPLETION WALL-MOUNTED



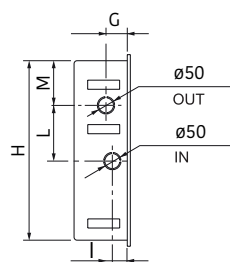


## C All inclusive


Complete packages including Wolly 2 central vacuum cleaner, motor module, built-in box and cleaning kit.



Peso	kg	7,5
Measure A	mm	630
Measure B	mm	430
Measure C	mm	390
Measure D	mm	12,5
Measure E	mm	174,5



Measure F	mm	187
Measure G	mm	90,5
Measure H	mm	590
Measure I	mm	78
Measure L	mm	218
Measure M	mm	122

MODEL	Wolly 2 - 150		Wolly 2 - 300	
ARTICLE	8201.0		8201.1	
Recommended aspirant outlets	4		7	
Max. surface to be cleaned	150 m²		300 m²	
Users	1			
Micro-dust vent 	YES			
Air inlet/Air outlet	Ø mm			
Degree of protection	IP	NO		
Power supply	V ac	IP44		
Frequency	Hz	220/240		
Motor power	kW	50/60		
Absorption	A	1,25	1,35	
Maximun air flow rate	m³/h	5,0	5,6	
Max depression	mbar	200	234	
Inlet valve power supply	V dc	274	272	
Filtration class		12		
Filter surface area	cm²	M		
Dust bag capacity	l	2840		
Air exhaust silencer (Ø 50 mm)		12		
Noise level lower than	dB(A)	70		
Built-in box	included			
Wall-mounted installation frame	optional - request art. 7102.2			
Cleaning kit	included			
• Flexible hose 9m				
• Curved plastic handgrip				
• Pair of chrome- tubes				
• Basic floor brush				
• Basic corner nozzle				
• Basic dusting brush				
• Mini holder for accessories				

## Omologazioni



Marking of conformity with European Community Directives



Protection degree



Electrical insulation  
CLAS II

Wolly Line 2 - appliances complying with the following standards:

RELEVAN EEC DIRECTIVES:

- 2006/42/CE
- 2006/95/CE
- 2004/108/CE

APPLIED HARMONISED STANDARDS:

- EN 60335-1 : 2012
- EN 60335-2-2 : 2010
- EN 61000-3-2 : 2006 + A2 : 2009
- EN 61000-3-3 : 2008
- EN 55014-1 : 2006 + A1 : 2009

- EN 55014-2 : 1997 + A2 : 2008
- EN 62233: 2008

ROHS DIRECTIVE 2002/95  
COMPLIANCE TO REACH DIRECTIVES

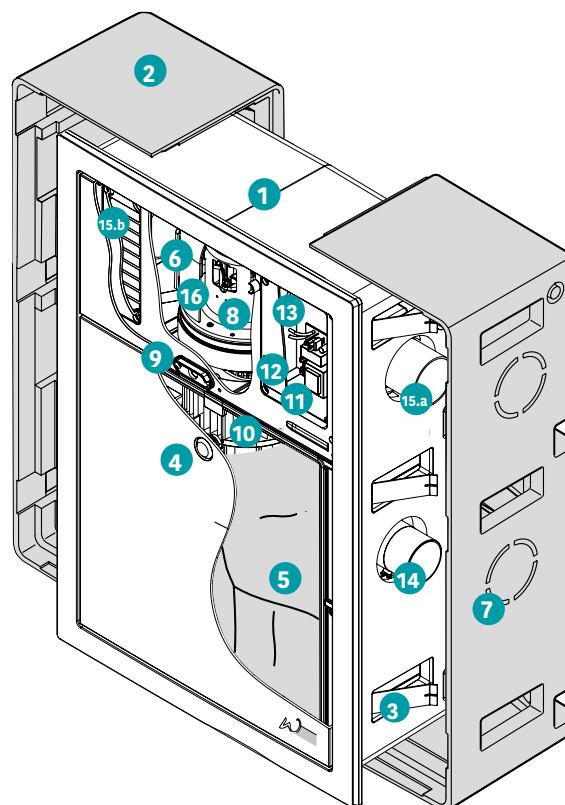
TECHNICAL TESTS:  
- U<sup>m</sup> THERMAL TRANSMITTANCE  
- SOUND EMISSION TESTS

**N.B.: strictly adhere to the regulations in force for installation**

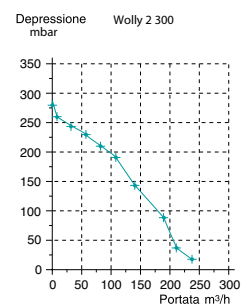
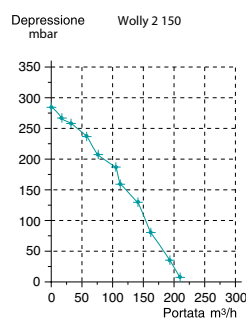
# Technical summary table and section

1. PP-ABS plastic shell
2. Sound-absorbing shell
3. Wall mounting brackets
4. Door with lock
5. Microfiber filter bag (12 l capacity)
6. Sound-absorbing motor dome
7. Right/left reversibility of system connection
8. Motor-impeller unit consisting of single-phase electric motor with brushes and impeller pack
9. Vacuum breaker valve
10. Class M safety filter cartridge
11. Soft Start electronic card for soft motor start-up
12. Motor safety temperature sensor, with automatic switch-off and reset
13. 12 V dc inlet power supply
14. Dust inlet
- 15.a Duct micro-dust vent\*
- 15.b Front micro-dust vent\*
16. Thermic switch with automatic reset

\*depending on installation choice adopted



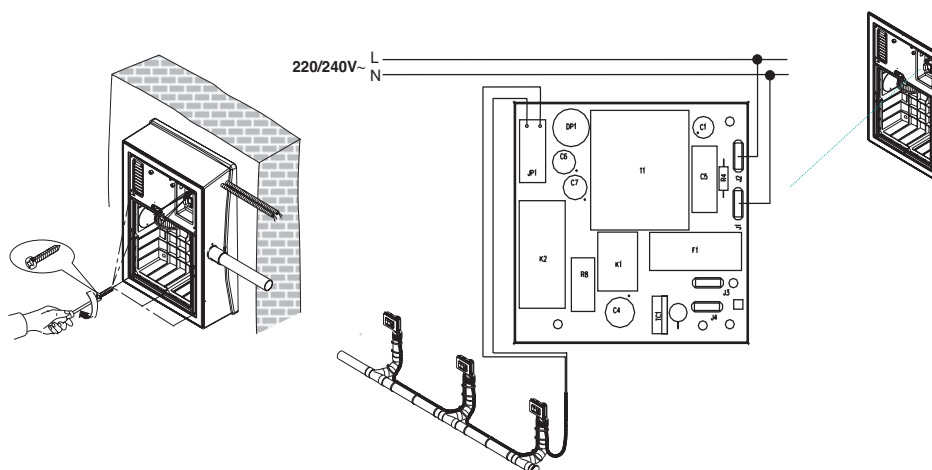
## Performance Graphs



Wolly 2 includes the cleaning kit and pipe connection sleeves. It is compatible with all Sistem Air cleaning accessories.

## Electrical connection

Wire the connectors of the Wolly 2 central vacuum cleaner circuit board located inside the electrical box according to the diagram shown.



# Basic installation principles

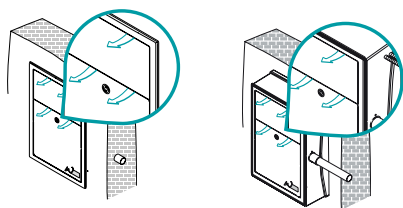
The following are the basics for the correct installation of the Wolly 2 central vacuum cleaner. The IP44 degree of protection allows outdoor installation as long as it is protected from the weather. In the case of multi-storey buildings, we recommend installation always on the lowest level.

Wolly 2 is prepared for easy connection of the IN inlet IN and outlet OUT to the pipework, both left and right.

## Air outlet configuration

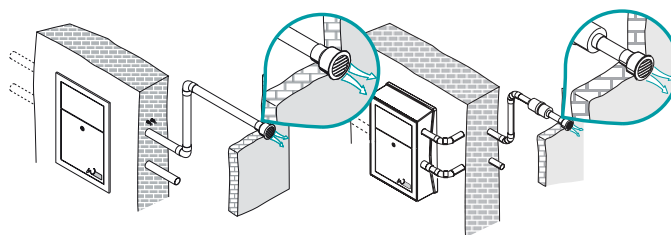
La scelta di configurazione dello scarico aria è a discrezione delle esigenze dell'utente o di cantiere, restano invariate performance e specifiche tecniche di Wolly 2.

### A Frontal air exhaust



Air and micro-dust are discharged from the front panel of the central vacuum cleaner in both flush-mounted and wall-mounted installations.

### B Duct air discharge

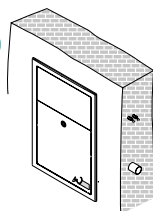


Air and micro-dust is discharged into ducts for expulsion to the outside, in both flush and wall-mounted installations.

## Installation choices

The installation choice of Wolly 2 is at the discretion of the user based on the placement requirements of the central vacuum cleaner.

### A Built in



The built-in installation of Wolly 2 is carried out by positioning box art. no. 7102.1

### B Wall-mounted



In order to install Wolly 2 on a wall surface, box art. no. 7102.1 must be inserted into finishing frame art. no. 7102.2

# Spare parts table

The spare parts available for Wolly 2 are listed below.

Model	Article	Filter Cardrige	Filter bag	Electronic board	Motor
Wolly 2 150	<b>8201.0</b>	1610.9	8220.0	Contact customer care service	
Wolly 2 300	<b>8201.1</b>	1610.9	8220.0	Contact customer care service	

## Sistem air customer care contacs

Mail [info@sistemair.it](mailto:info@sistemair.it)

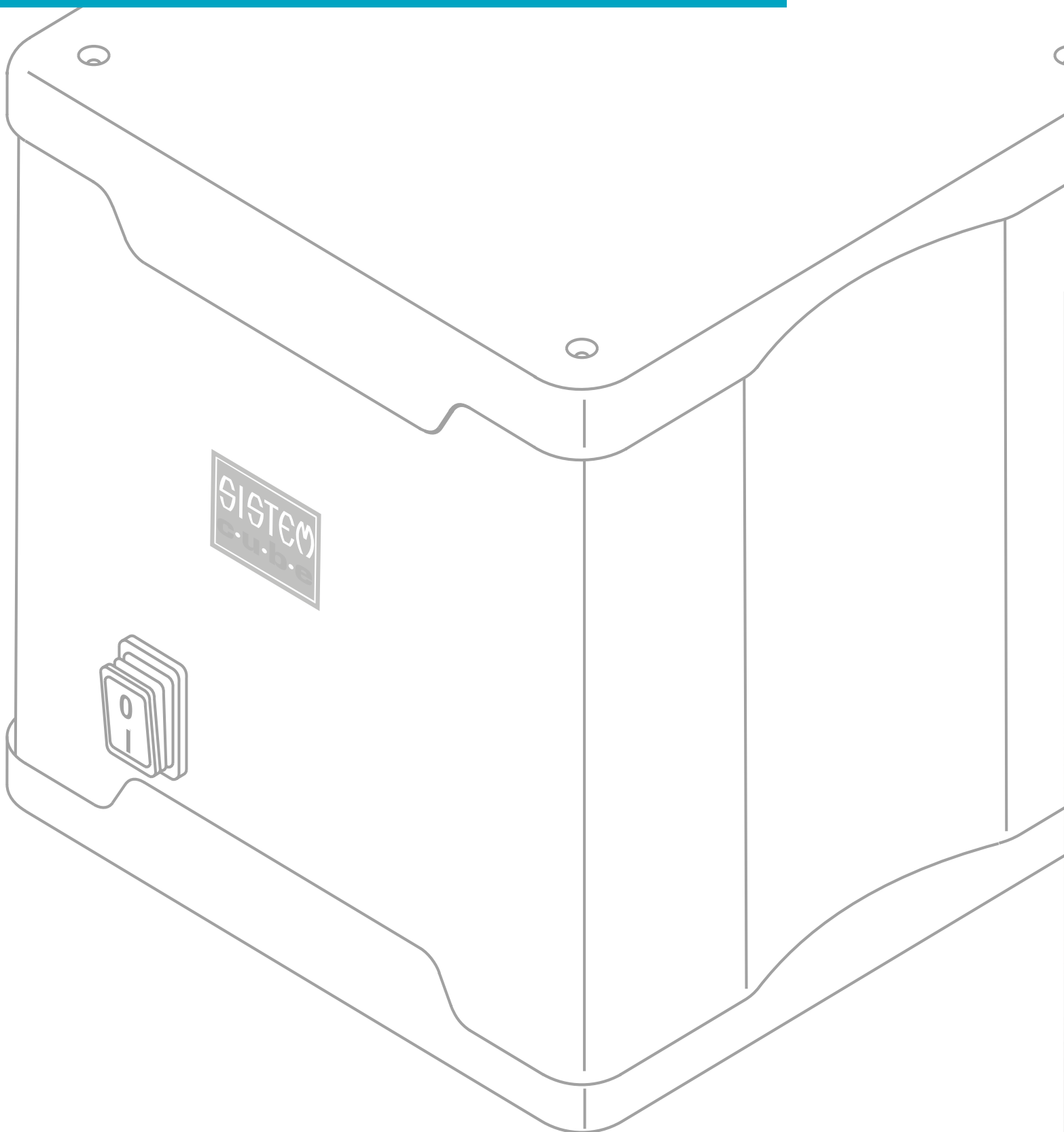
Tel +39 0381 650082

WhatsApp +39 340 4090146

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FULL MANUAL



Small size for the under-sink



# Vacuum unit

## Sistem Cube

Area of use:

domestic

apartments and micro spaces



Max. surface to be cleaned: **120 m²**

1 single user



Pipe net Ø 50 mm



IP4



**Sistem Cube is the world's smallest central vacuum cleaner** for cleaning rooms up to 120m2 and systems involving a single user.

**A concentrate of healthiness and suction power** that can be hidden under the sink or any available space thanks to its compact dimensions of 30x28x30 cm.

Set-up template makes installation quick and convenient. Squared design that makes it elegant and discreet, the invisible cleaning companion.

The Sistem Cube central vacuum cleaner is designed specifically for domestic dust extraction.



### Available motorisation

8300.0	Sistem Cube	up to 120 m²
--------	-------------	--------------

### Complements

8300.10	Template Sistem Cube	predisposition
---------	----------------------	----------------



# Express preparation

The singularity of Sistem Cube allows the central Hoover system to be set up quickly, adapting to different installation choices.



## Pipe network construction

Proceed by making a Ø 50 mm pipe net and position the inlet valves, with the only constraint not to exceed the maximum number of 3 inlet points.



## Positioning of the template

Install the installation template, Art. No. 8300.10 to be ordered separately, where you wish to position Sistem Cube.

## A Outdoor installation



The IP44 degree of protection allows Sistem Cube to be installed outdoor without specific precaution. When arranging the pipes and the pre-wired template, take the desired positioning into account.

## B Indoor installation



The compact dimensions of Sistem Cube allow it to be installed anywhere, even inside furniture. The chosen room can be without ventilation, as the direct cooling motor uses air from the inlet valves.

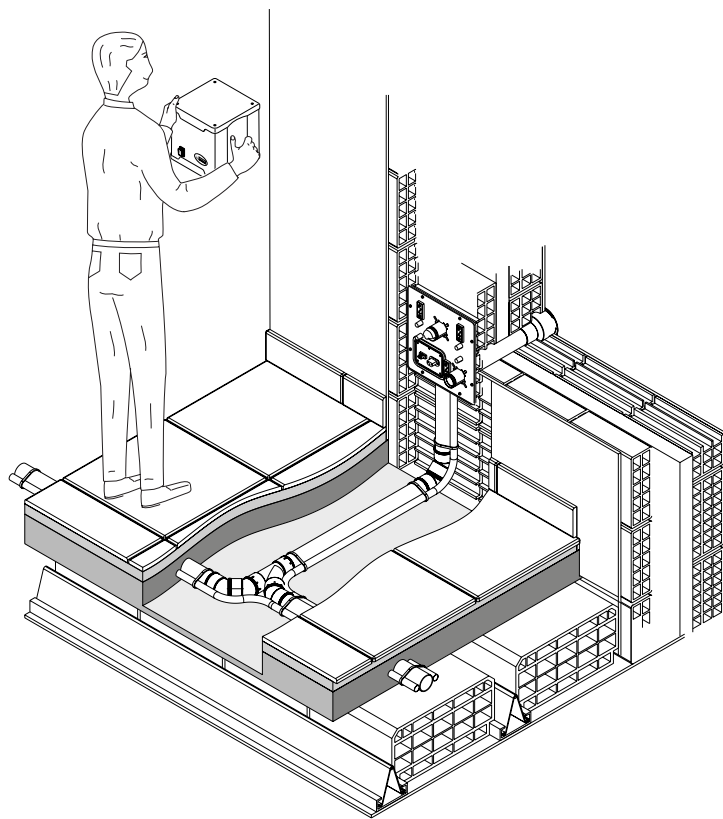
## Completion within everyone's reach

Sistem Cube is also a **versatile solution in the installation phase** and allows centralised vacuum cleaning in any room.

Set-up is simple and straightforward: all you have to do is make a classic pipe net and arrange the inlet valves.

**The pre-wired template allows the system to be completed at any time and by anyone,** simply by attaching the central vacuum cleaner. No technical interventions by specialised personnel are required, the electrical wiring and all connections have already been made during the set-up. **By touching the power button, Sistem Cube is ready to vacuum.**









The template also manages the air inlet and outlet flow, including the **expulsion of micro-dust to the outside.**



## Cleaning kit included

The Sistem Cube comes with a kit for major household cleaning tasks.

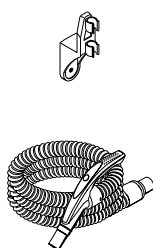
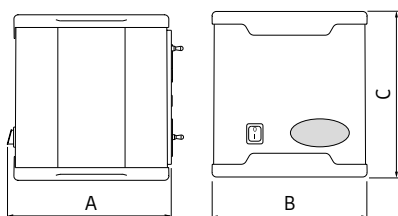
The kit includes a floor and hard surface brush, corner nozzle and dusting brush. In addition, the holder for accessories allows for tidy storage of the hose and accessories when cleaning is complete.

	7037.9	9m flexible hose	1
	7038.0M	Fitting pipe inlet	1
	7039.1	Curved handgrip	1
	7040.0	Pair of chrome pipes	1
	7047.1	Basic floor brush	1
	7045.0	Corner nozzle	1
	7043.0	Basic dusting brush	1
	7041.0	Mini holder for accessories	1



# Table of measurements and technical data

Sistem Cube is available in a single motorisation, capable of cleaning up to 120m<sup>2</sup> of surface area. The small footprint and pre-wired template guarantee installation even in the smallest spaces.



## MODEL

Sistem Cube

## ARTICLE

8300.0

**Recommended aspirant outlets**

**3**

**Max. surface to be cleaned**

**120 m<sup>2</sup>**

**Users**

**1**

**Micro-dust vent** 

**YES**

On-board inlet valve

NO

Air inlet/Air outlet Ø mm

50

Degree of protection IP

X4

Power supply V ac

220/240

Frequency

Hz

50/60

Motor power

kW

1

Absorption

A

4,5

Power supply sockets

V dc

12

Maximum air flow rate

m<sup>3</sup>/h

178

Max. depression

mbar

245

Dust bag capacity

l

15

Weight

kg

4

Measurement A

mm

300

Measurement B

mm

280

Measurement C

mm

300

Noise level lower than

dB(A)

70

## Cleaning kit

- Hose 9m
- Curved plastic handgrip
- Pair of chrome- tubes
- Basic floor brush
- Basic corner nozzle
- Basic dusting brush
- Mini holder for accessories

**included**

**N.B.:** Rated noise values, may vary depending on environment and type of installation.

## Omologazioni



Marking of conformity with European Community Directives.



**Protection degree**



**Electrical insulation**  
CLASS II

**TECNO PRIME LINE - DEVICES COMPLYING WITH THE FOLLOWING STANDARDS:**

RELEVANT EEC DIRECTIVES:

- 2006/42/CE
- 2006/95/CE
- 2004/108/CE

APPLIED HARMONISED STANDARDS:

- EN 60335-1 : 2012
- EN 60335-2-2 : 2010
- EN 61000-3-2 : 2006 + A2 : 2009
- EN 61000-3-3 : 2008
- EN 55014-1 : 2006 + A1 : 2009
- EN 55014-2 : 1997 + A2 : 2008
- EN 62233: 2008

ROHS DIRECTIVE 2002/95

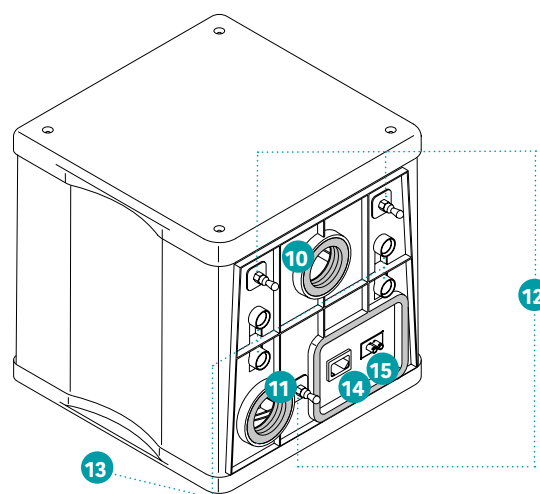
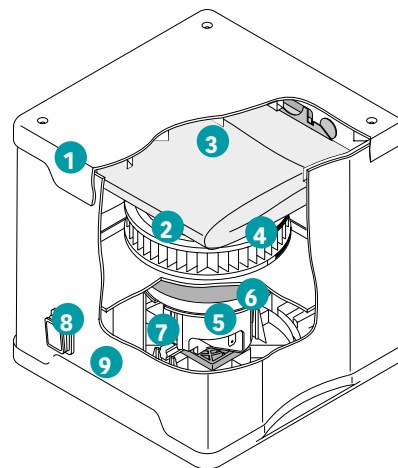
COMPLIANCE TO REACH DIRECTIVES.

**N.B.:** strictly adhere to the regulations in force for installation

# Technical summary table and section

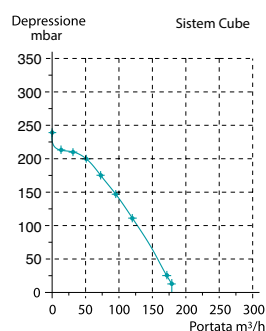
## SUCTION UNIT

1. PP-ABS plastic shell
2. Sound-absorbing shell
3. Dust collection filter bag
4. Motor safety filter
5. Motor-impeller unit, consisting of single-phase electric motor with brushes and impeller pack
6. Soft Start electronic board for soft motor start-up
7. Motor safety, with automatic switch-off and reset
8. Central vacuum power switch
9. Safety temperature sensor protection requiring manual reset
10. Dust inlet
11. Micro-dust vent
12. Centring pins
13. Centring holes
14. Central vacuum cleaner power supply connector
15. Suction inlet power supply 12 V dc



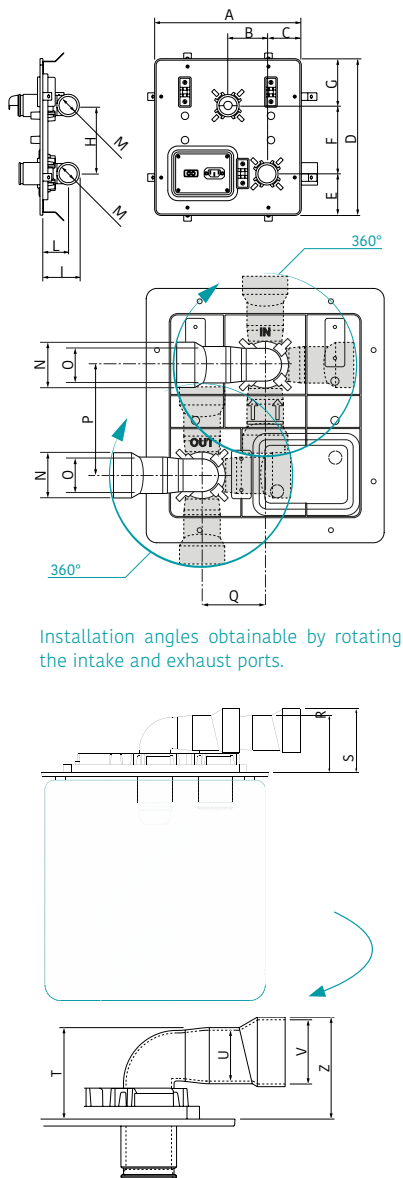
Sistem Cube includes the cleaning kit and is compatible with all Sistem Air accessories.

## Performance Graphs



# Table of measurements and technical data

## arrangement template



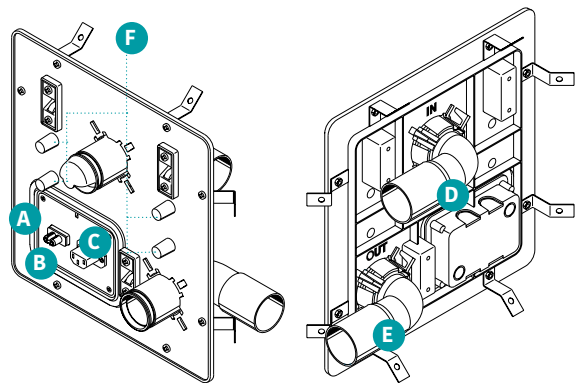
Installation angles obtainable by rotating the intake and exhaust ports.

MODEL		Predisposition jig
ARTICLE		8300.10
Alimentazione	V ac	220/240
Peso	kg	1
Rotazione imbocchi IN / OUT	grad	360°
Measure A	mm	290
Measure B	mm	77
Measure C	mm	68
Measure D	mm	310
Measure E	mm	82
Measure F	mm	135
Measure G	mm	93
Measure H	mm	135
Measure I	mm	72
Measure L	mm	50
Measure M	Ø mm	40
Measure N	Ø mm	50,8 ( 2" )
Measure O	Ø mm	40
Measure P	mm	135
Measure Q	mm	77
Measure R	mm	72
Measure S	mm	81
Measure T	mm	72
Measure U	Ø mm	40
Measure V	Ø mm	50,8 ( 2" )
Measure Z	mm	81

## Technical table and section

### DIMA DI PREDISPOSIZIONE

- A. Electric box
- B. Micro line connector
- C. Power connector
- D. Dust input
- E. Micro-dust venting
- F. Centering pins



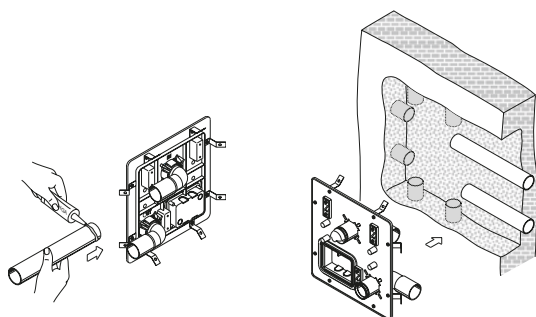


## Basic installation principles

Below are the basics for the correct installation of the Sistem Cube central vacuum cleaner. The IP44 degree of protection allows outdoor installation as long as it is protected from the weather. In the case of a building on several levels, we recommend installation always on the lowest level.

### Installation of template and pipe net

Glue the pre-wired template to the tubular mesh and proceed with fixing flush with the plaster.



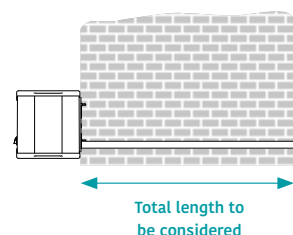
### Air outlet dimensioning

The air outlet must be dimensioned for the length of development according to the table:

Air outlet line length	Diameter Ø
max 4 m	50 mm
oltre 4 m	63 mm

Use the same diameter along the entire length of the drain. Example:

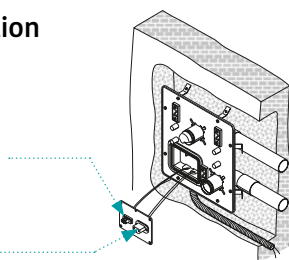
3.5 m long outlet = all Ø 50 mm  
8 m long outlet = all Ø 63 mm



### Electrical connection

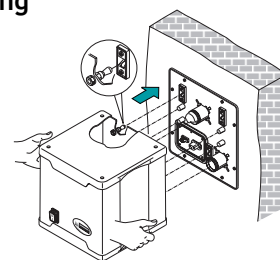
Power supply  
12V suction sockets

Power supply  
AC 230V



### Central vacuum unit fixing

Use the centring pins to engage Sistem Cube and complete the installation.



## Spare parts table

The spare parts available for the Sistem Cube central vacuum cleaner are listed below.

Model	Article	Security filter	Bags	Electronic board	Motor
Sistem Cube	<b>8300.0</b>	1610.15	1614.15	Contact customer care service	

### Sistem Air customer care contacts

Mail [info@sistemair.it](mailto:info@sistemair.it)

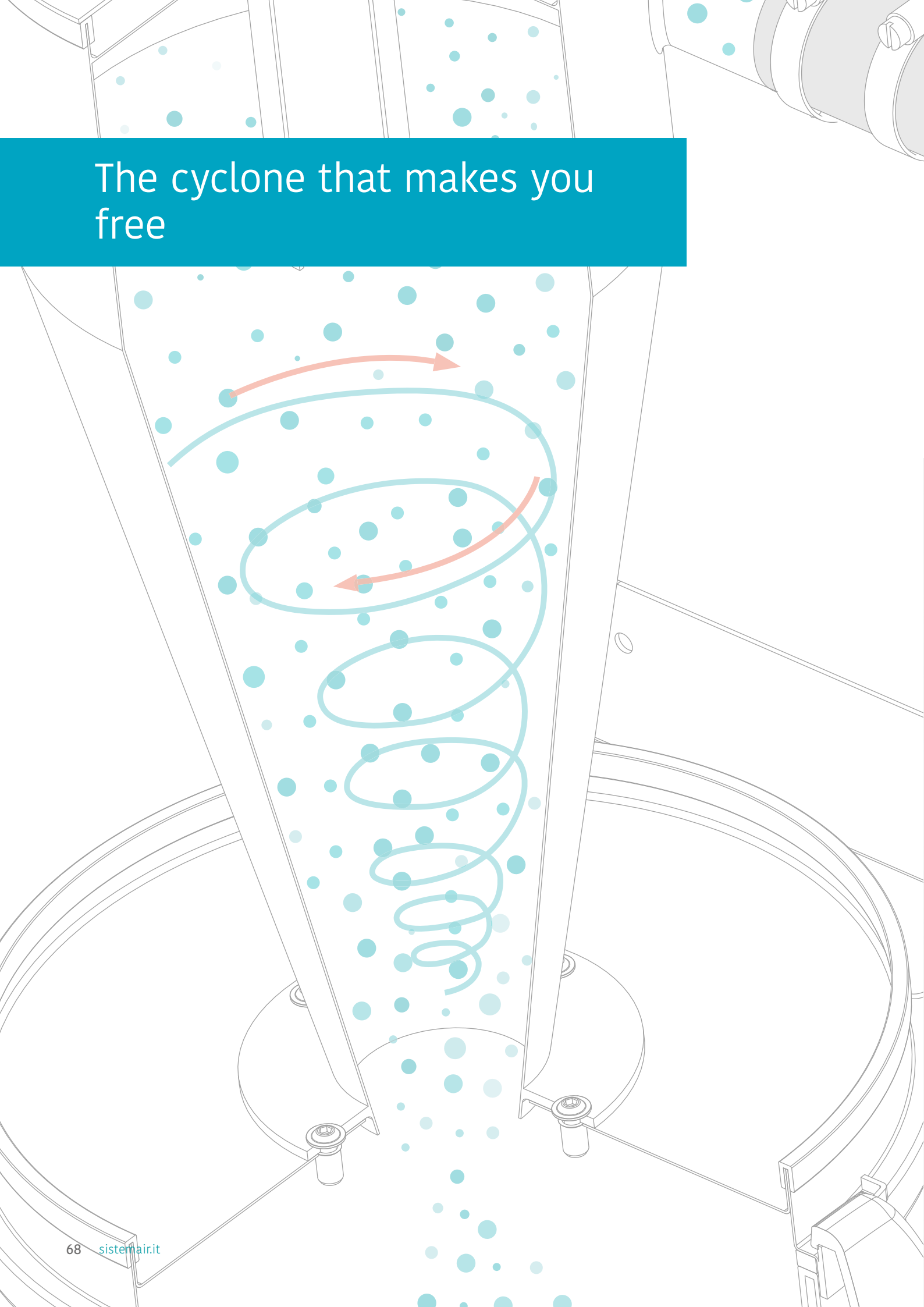
Tel +39 0381 650082

WhatsApp +39 340 4090146

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FULL MANUAL



# The cyclone that makes you free



# Pre-separators

## Turbix

Area of use:

domestic

homes, b&b, shops



Pipe net Ø 50 mm - Turbix Small

Pipe net Ø 63 mm - Turbix Medium



Turbix are cyclonic pre-separators that are useful for **intercepting more than 98 percent of sucked dust and preserving the filter**, reducing maintenance cycles and maintaining the performance of the central vacuum cleaner.

**Two sizes, Small and Medium, are available for domestic systems**, allowing large amounts of even very fine dust to be vacuumed without worry.

Turbix pre-separators are to be installed only with conventional **central vacuum cleaners in the domestic line**.

The choice of which size of Turbix to use depends on the size of the pipe network.



### Modelli disponibili

3400.10	Turbix Small	with pipe net ø 50 mm
3400.11	Turbix Medium	with pipe net ø 63 mm

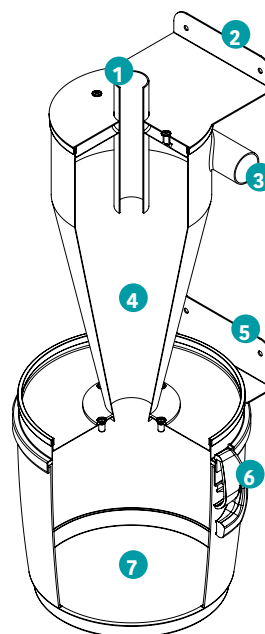


Separators do not have a motor and must be integrated with the system

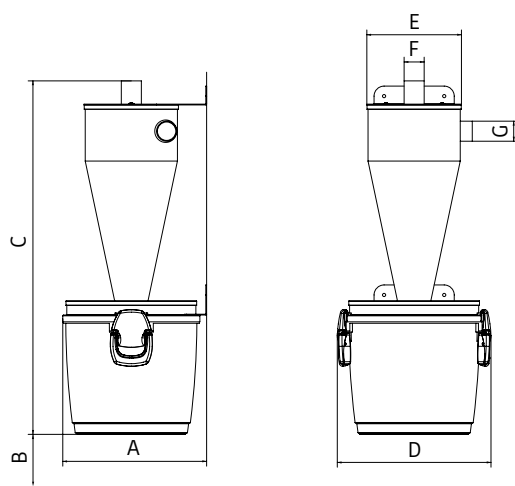
## Measurement and section table

1. Powder outlet
2. Upper fixing flange
3. Powder inlet
4. Self-supporting cylindrical shell made of epoxy powder coated metal
5. Lower fixing flange
6. Dust collection container handle
7. Polypropylene dust collection container

Turbix includes sleeves for connection to the pipe network and fixing flanges.



## Measurement and section table

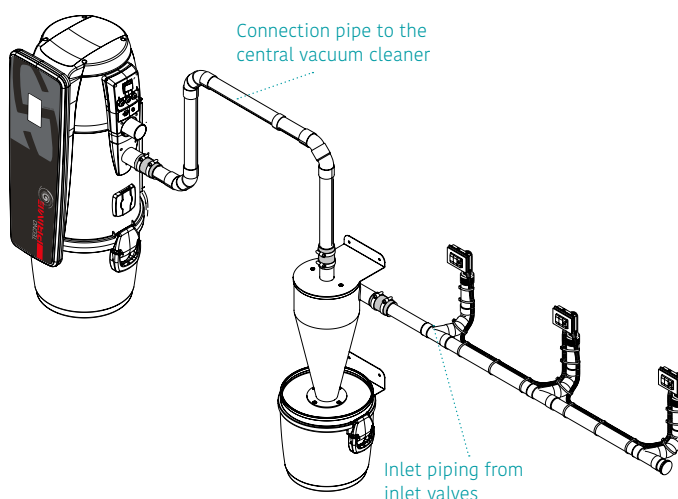


MODEL	Turbix Small	Turbix Medium
ARTICLE	3400.10	3400.11
<b>Dust inlet</b>	<b>Ø 50 mm</b>	<b>Ø 63 mm</b>
<b>Powder container</b>	<b>21 l</b>	<b>40 l</b>
Weight	kg 15	25
Measurement A	mm 360	436
Measurement B (min)	mm 100	100
Measurement C	mm 885	1105
Measurement D	mm 385	452
Measurement E	Ø mm 236	286
Measurement F	Ø mm 50	63
Measurement G	Ø mm 50	63

### Connection to the pipe net

The correct location of Turbix involves connection to the pipe network before the central vacuum cleaner, so that dust arriving from inlet valves is intercepted before it can enter the central vacuum cleaner.

Turbix can be installed at any time, even in already built systems, and does not involve any electrical wiring.



# The difference of vacuuming with and without Turbix

The shape of the cone imparts a cyclonic motion with increasing speed to the sucked dust. At the end of the cone, the air slows down and allows the dust to fall into the dust container of Turbix without fouling the filter of the central vacuum cleaner.

This is the difference in using Turbix for vacuuming all types of dust, even the finest dust that would deteriorate the filter cartridge and reduce suction efficiency.

## The cyclone that protects the central vacuum

During this test, polystyrene beads, a lightweight material with a porous surface that, with its density, tends to obstruct the air passage, were aspirated.

It is evident how, without Turbix, the polystyrene clings to the filter surface (see images sect. A), reducing suction performance.

In contrast, using the pre-separator keeps the filter cartridge cleaner. In this case, the sucked-in dirt is collected entirely in Turbix's dust container (see images sect. B).



In-depth  
video

### A Situazione filtro in aspirazione con e senza Turbix



Suction without Turbix



Suction with Turbix

### B Raccolta delle polveri utilizzando il separatore Turbix



Central vacuum dust container



Powder container  
pre-separatorTurbix

## Vacuum what you want. Even the finest dust

With Turbix, suction has no limits. it is possible to remove any type of material, even the finest and dustiest ones, such as the examples below.



Animal hair



Flours



Hair



Potting soil



Metal shavings



Plastic granulates



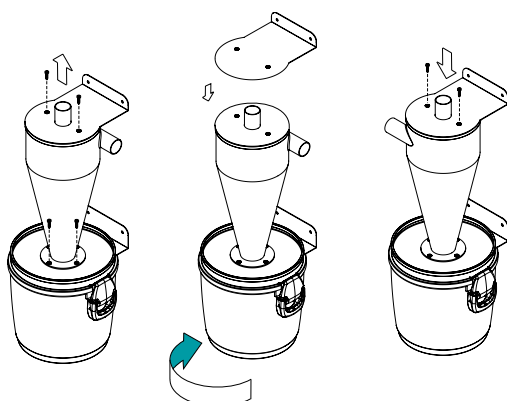
Grinding powders



Sawdust

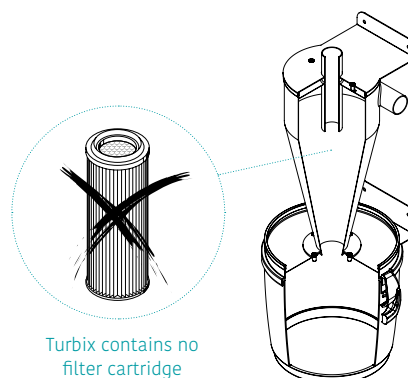
## Reversibility of right/left connections

Filtration of air from sucked-in dust is by cyclonic separation. A guarantee of effectiveness but, above all, a simplification in maintenance.



## Filter? What filter!

Filtration of air from sucked-in dust is by cyclonic separation. A guarantee of effectiveness but, above all, a simplification in maintenance.



Turbix contains no  
filter cartridge





Virtus vacuum valves



Design vacuum valves



Vacpan vacuum valves



Floor vacuum valves



Sense retractable hose



Wall, plasterboard, floor or plinth installation

# BACKPLATES AND INLET VALVES

Design and robustness create a perfect combination to suit every installation requirement. **Sistem Air inlet valves have been voted the best on the market.**

Available for all domestic series on the market and for special applications.

## BACKPLATES AND INLET VALVES

Fixing the backplate	76
Use of inlet valves	78

## RECTANGULAR INLET VALVES

Virtus	79
Generation	82

## SPECIAL INLET VALVES

Design	85
Standard	85

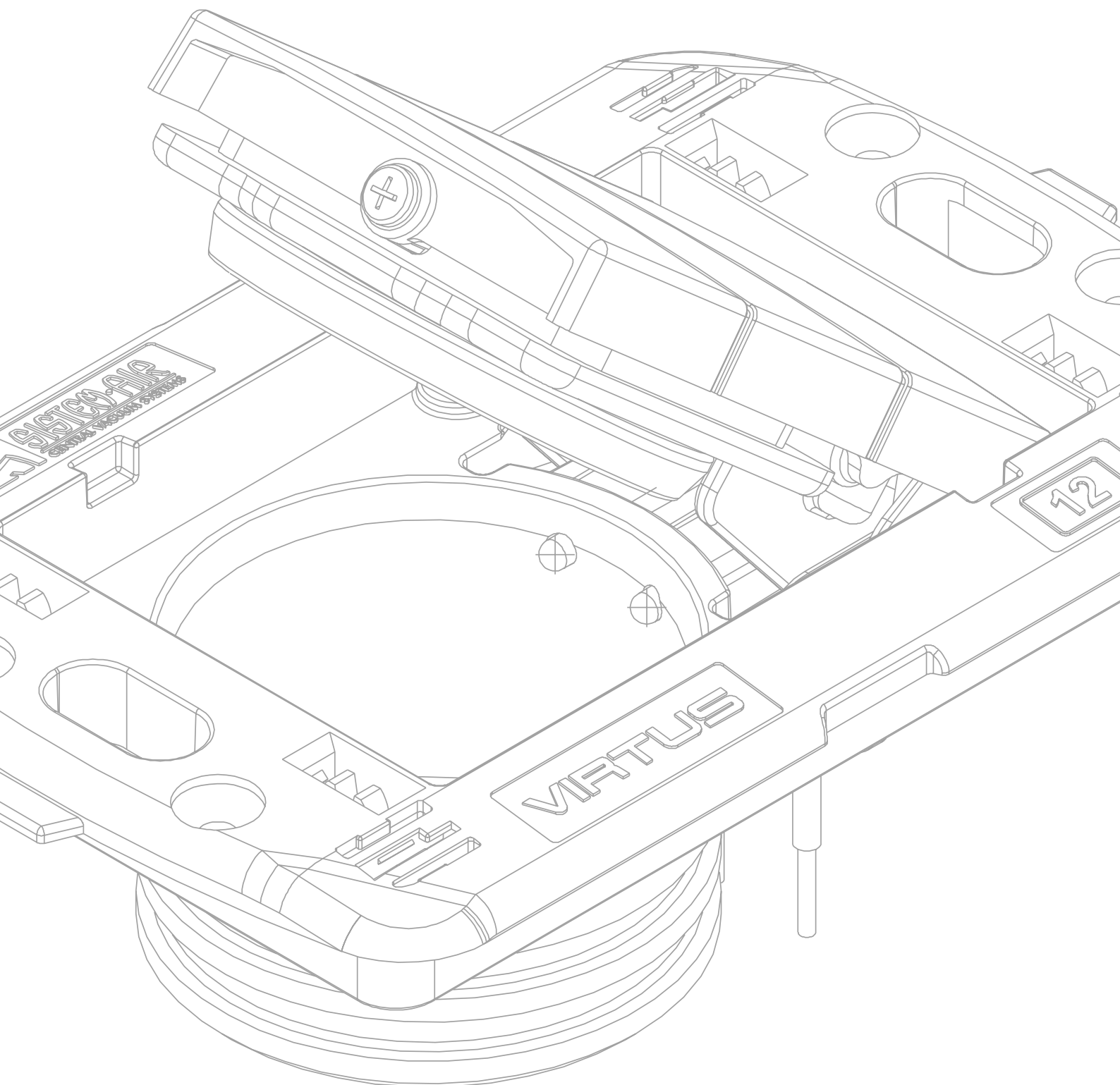
## SPECIAL INLET VALVES

Vacpan	83
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## SENSE BY SISTEM AIR

Retractable hose system	88
Sense installation material	93
Sense accessories	94
Sense accessories kit	95

# The door of cleanliness



# Backplates and inlet valves

Area of use:  
domestic



Pipe net Ø 50 mm

IP20



Inlet valves **connect the piping network of the central vacuum system and the hose** used for cleaning.

They are an **essential element** to guarantee the tightness of the system and **maintain the vacuum within the pipe network**.

The junction element with the system is the counter-bracket, which allows the vacuum to fit perfectly.

Sistem Air stands out in this respect due to **its wide range that matches the domestic series** on the market and satisfies installation and design requirements.

All inlet valves are **compatible with both standard and Flisy and Flisy 2 wireless hoses**.

## Fixing the backplates

The rectangular universal backplate is suitable for all inlet valves of the Virtus or Generation line. It is pre-marked for the inlet of the pre-threaded flexible conduit of the microswitch line and can be installed on both masonry and plasterboard walls.

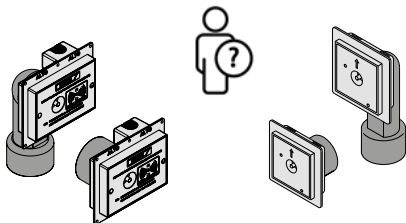
The square universal inlet valve is suitable for the installation of Virtus Design or square inlet valves.

### Choice of backplates

Rectangular or square, to be made according to installation requirements.

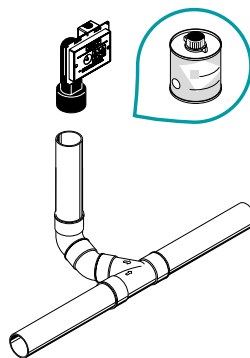
**A. Curved fitting:** at only 7 cm thick, it is suitable for any wall.

**B. Straight fitting:** ideal for renovations, counter walls and movable walls.



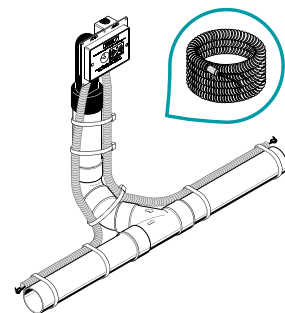
### Bonding to pipe net

Glue the backplate to the pipe net with PVC self-welding glue (Art. 9225.1 - 9225.2), taking care to spread the glue only on the pipe.



### Fixing the pre-threaded sheath

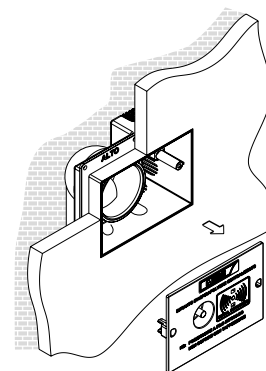
Anchor the pre-threaded electrical conduit (Art. 9016.0 - 9016.1 - 9016.7) according to the correct installation instructions and insert it into the pre-marked holes of the backplates.



### A Wall mounting

Fastening in the masonry requires the utmost precision so that the sealing elements adhere perfectly during the subsequent installation of the inlet valve.

The backplate must always be installed flush with the plaster.

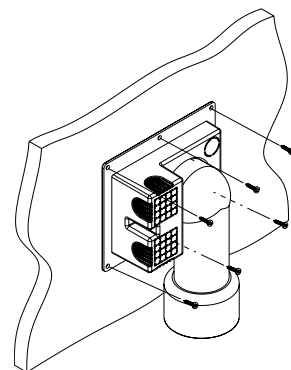


Example of installation flush with plaster

### B Plasterboard installation

Using the holes in the fixing profile, the backplate can be installed on plasterboard walls.

The backplate must always be installed flush with plaster.

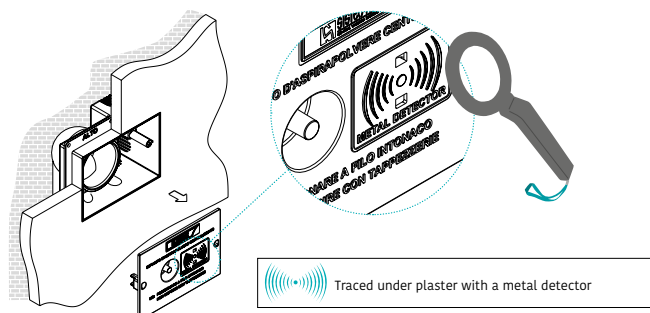


Drawing highlights fixing holes for installation on plasterboard walls

# Distinctive characteristics

## Traceable under plaster

Rectangular backplate can be detected even when covered by plaster, with the help of a metal detector.



## Installation solutions in case of irregularities in the wall surface

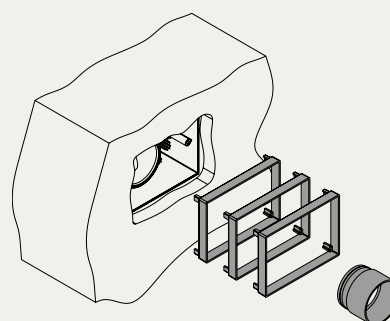
There are special situations where it is necessary to correct the installation of the backplates because it is set back from the plaster line. Using special extensions, depending on the defect to be corrected, it is not necessary to restore the wall but it is possible to correctly connect the inlet valve to the backplate, guaranteeing the tightness of the suction system.

BACKGROUND MAX 7mm	BACKGROUND UP TO 12mm	BACKGROUND MORE THAN 12mm
<p>Backplate Wire wall</p>	<p>Backplate Wire wall</p>	<p>Backplate Wire wall</p>
<p><b>Up to 7mm</b> from the plaster line: no correction is necessary.</p>	<p><b>Up to 12 mm:</b> shorten the inlet valve, move the o-ring to the inside, and use the extension piece art. 1457.1</p>	<p><b>Over 12mm:</b> use inlet extension art. 1457.1 and trim as required.</p>

## Restoring the point of support for the inlet valve

In case it is necessary to restore the support point of the inlet valve on the wall, due to uneven plaster or an extended wall track that does not allow correct fixing, use the extension kit (art. 1450.8 for rectangular or art. 1450.9 for square backplates).

In this way, it is possible to extend the wall box in multiples of 1 cm without limitation.





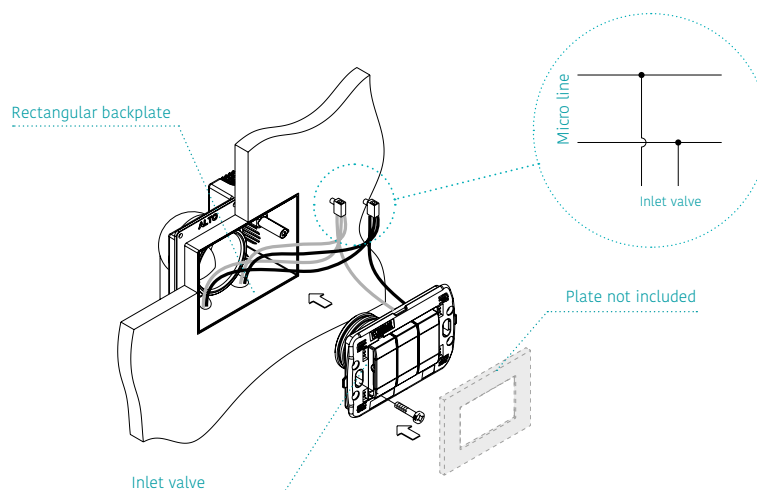
## The inlet valve usage

The inlet valves are installed to complete the system set-up and are connected to the universal rectangular backup box (Art. 1450.0 or Art. 1450.1 - see installation section). They faithfully reflect the shape, colour and finish of the domestic series chosen for the electrical system. Finish plates are not supplied by Sistem Air.

### Connection to the micro line

The connection to the micro 12V line of the system is made in parallel via the supplied terminals.

For installation, simply attach the inlet valve to the rectangular backplate and secure it with the screws provided.

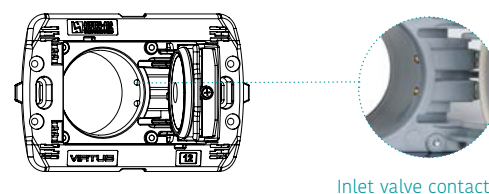
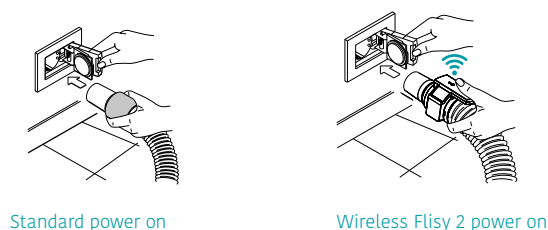


### Activation of vacuum system

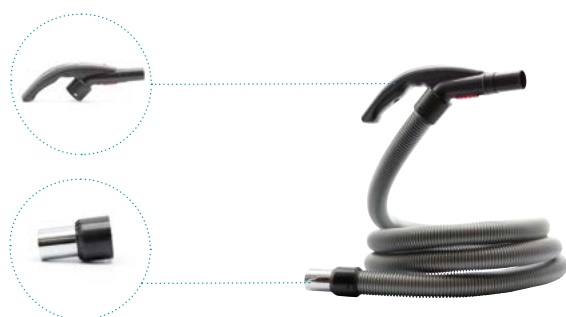
The inlet valves are equipped with a micro switch which, when the hose is inserted, activates the central vacuum cleaner for cleaning operations.

The microswitch is recognisable by the two golden balls on the inside of the inlet valve.

In the event of contact, it is absolutely safe, as it is low voltage and no components are connected to the mains.



### Standard switch-on



#### Standard cleaning hoses

The suction system is switched on when the hose is inserted into the inlet valve.

To switch off the system, simply pull out the pipe, interrupting suction.

### Flisy wireless start-up



#### Flisy 2 wireless on/off cleaning hoses

The system starts when the hose is inserted in the inlet valves. For more details, see page 123.

The button on the handgrip can then be used to switch the vacuum on and off as required.

# Rectangular inlet valves

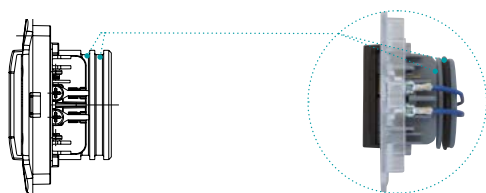
# VIRTUS

Virtus is the best line of inlet valves available on the market. Innovations designed by Sistem Air take the experience of using a central vacuum system to a higher level, guaranteed over time.

## What makes Virtus inlet valves unique

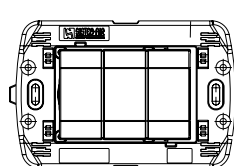
### Double seat for the o-ring

The double seat for the o-ring is designed to always allow a perfect seal with the backup box even when it is not perfectly flush with the plaster.



### Frame Structure

The shape of the frame of the Virtus inlet valves is identical to that of the corresponding series, to ensure that the plate engages precisely and always stays in place.



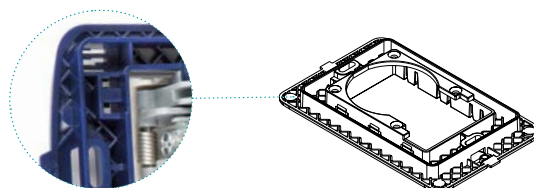
### Beautiful and practical

The plugs blend in with the aesthetics of the environment and allow for the tilting opening of the inlet even when the system is under vacuum, in the case of several users at the same time.



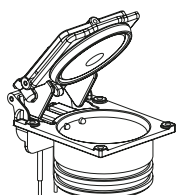
### Mechanical resistance

Maximum mechanical strength thanks to the rounded walls and ribs on the back of the frame. Measures that strengthen the overall structure to the extreme.



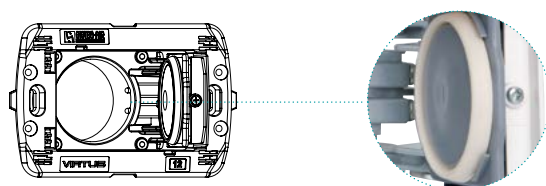
### Supporting structure

The four screws on the inlet body increase torsional rigidity, a necessary condition in cases where the socket bearing surface is uneven.



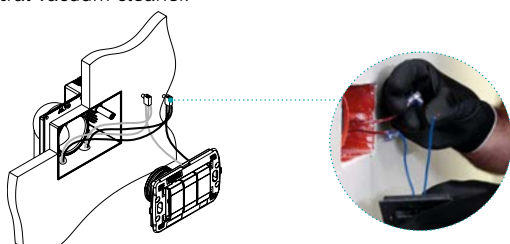
### Zero vents, forever

The double taper gasket ensures that the grip is tight when closed. Made of SEBS rubber, it avoids the 'memory effect', remaining unchanged over the years.



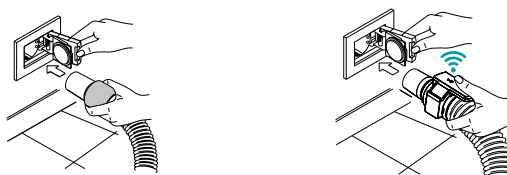
### Ultra-fast connection

Equipped with 1 sq. mm wires, through the wiring terminals, they allow quick connection to the microswitch line of the central vacuum cleaner.



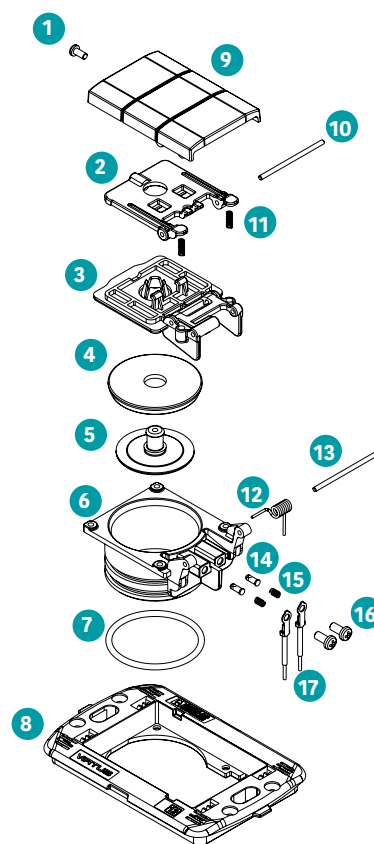
### Compliant with everything

Virtus inlets work with all hoses on the market: with traditional fitting, electrified and with Flisy and Flisy 2 wireless on/off.



## Technical characteristics and section

1. Fixing screw
2. Overhead hatch
3. Main door
4. Gasket
5. Plate
6. Grip body
7. O-ring
8. Inlet frame
9. Cap
10. Pin
11. Tilting spring
12. Door opening spring
13. Pin
14. Brass pin
15. Tilting spring
16. Plastic screw
17. Micro-wired cable



## Available for the main domestic series on the market

The Sistem Air inlet valves mirror the respective domestic series in every detail, not only in the shape of the inserts but also in the colours and finish. A perfect resemblance that makes it possible to combine electric switches and inlet valves.



Sistem Air inlet valves are fitted with the original finish plates of the following brands





ART. 1450.0



ART. 1450.1

## BTicino inlet valves



### BTicino Living Light Inlet valves

Packaging 10 pieces

- ☒ art. 1561.0 Black
- ☐ art. 1562.0 White
- ☐ art. 1565.0 Tech



### BTicino Air Inlet valves

Packaging 10 pieces

- ☒ art. 1570.0 Black
- ☐ art. 1571.0 White
- ☐ art. 1572.0 Tech



### BTicino Axolute Air Inlet valves

Packaging 10 pieces

- ☒ art. 1573.1 Anthracite
- ☐ art. 1573.2 White
- ☐ art. 1573.3 Tech



### BTicino Luna Inlet valves

Packaging 10 pieces

- ☐ art. 1568.0 White\*

\*Generation serie



### BTicino Now Inlet valves

Packaging 10 pieces

- ☒ art. 1573.5 Black
- ☐ art. 1573.4 White
- ☐ art. 1573.6 Sand



### BTicino Axolute Inlet valves

Packaging 10 pieces

- ☒ art. 1566.0 Black
- ☐ art. 1564.0 White
- ☐ art. 1567.0 Silver



### BTicino Mâtix Inlet valves

Packaging 10 pieces

- ☐ art. 1569.0 White

## Vimar inlet valves



### Vimar Eikon Evo Inlet valves

Packaging 10 pieces

- ☒ art. 1558.0 Black
- ☐ art. 1558.1 White
- ☐ art. 1553.5 Next



### Vimar Idea Inlet valves

Packaging 10 pieces

- ☒ art. 1553.0 Black
- ☐ art. 1553.2 White



### Vimar Arkè Fit Inlet valves

Packaging 10 pieces

- ☒ art. 1553.12 Anthracite
- ☐ art. 1553.13 White
- ☐ art. 1553.14 Metal



### Vimar Arkè Inlet valves

Packaging 10 pieces

- ☒ art. 1553.9 Anthracite
- ☐ art. 1553.10 White
- ☐ art. 1553.11 Metal



### Vimar Plana Inlet valves

Packaging 10 pieces

- ☐ art. 1553.4 White
- ☐ art. 1553.3 Silver



### Vimar Linea Inlet valves

Packaging 10 pieces

- ☐ art. 1553.15 White
- ☐ art. 1553.16 Hemp
- ☒ art. 1553.17 Black

## Simon Urmet inlet valves



### Simon Urmet Nea Inlet valves

Imballo 10 pezzi

- ☒ art. 1543.0 Anthracite
- ☐ art. 1543.1 White
- ☐ art. 1543.2 Dark steel

- ☐ art. 1543.3 Ice white

- ☐ art. 1543.4 Aluminium



## Backplates and inlet valves

## Rectangular inlet valves

*Generation*

The Generation line of sockets represent the first real revolution in aesthetics to maintain the style of the home environment. They complete the rich range offered by Sistem Air.

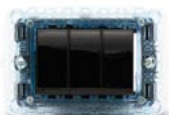
## Ave inlet valves

**Ave Allumia S44** Inlet valves

Packaging 1 piece

☒ art. 1563.7 Titanium**Ave Blanc** Inlet valves

Packaging 1 piece

☐ art. 1563.0 White**Ave Life 44** Inlet valves

Packaging 1 piece

☒ art. 1563.5 Black**Ave Tekla** Inlet valves

Packaging 1 piece

☒ art. 1563.9 Matt black**Ave Banquise** Inlet valves

Packaging 1 piece

☐ art. 1563.2 White**Ave Domus 100** Inlet valves

Packaging 1 piece

☐ art. 1563.6 WhitePreso aspirante **Ave Noir**

Packaging 1 piece

☒ art. 1552.0 Black**Ave Touch** Inlet valves

Packaging 1 piece

☒ art. 1563.3 Black☐ art. 1563.4 White☐ art. 1563.8 Allumia

## Gewiss inlet valves

**Gewiss Chorus** Inlet valves

Packaging 20 pieces

☒ art. 1557.2 Black☐ art. 1557.1 White☐ art. 1557.3 Titanium**Gewiss Playbus** Inlet valves

Packaging 20 pieces

☒ art. 1557.0 Black

## Abb inlet valves

**Abb Chiara** Inlet valves

Packaging 1 piece

☐ art. 1542.0 WhitePreso aspirante **Abb Mylos**

Packaging 1 piece

☒ art. 1542.1 Black☐ art. 1542.2 White**Abb Élos** Inlet valves

Packaging 1 piece

☒ art. 1541.0 Black

## Legrand inlet valves

**Legrand Vela** Inlet valves

Packaging 1 piece

☒ art. 1551.4 Black☐ art. 1551.3 White

# Special inlet valves

Special inlet valves are used in all those special situations where conventional inlet valves cannot be used. They allow the system to be installed anywhere, increasing user comfort.

## Vacpan inlet valve

Baseboard inlet valves can be installed in the kitchen baseboard or recessed in the wall. The suction is started by means of the lever connected to the micro line of the system.

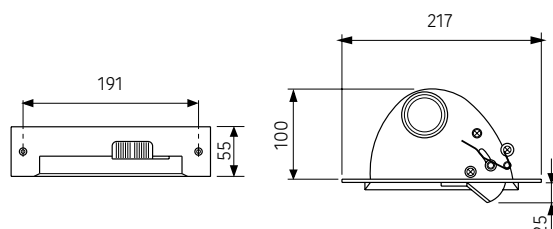


Packaging 1 piece

○ art. 1464.2 White

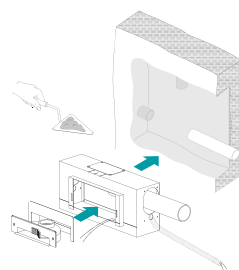
● art. 1464.3 Black

● art. 1464.5 Silver



### Baseboard installation

It integrates directly into the kitchen cabinet. The supplied hose connects the inlet valve to the system's pipe network.



### Built-in installation

The skirting board socket can be installed in any wall thanks to the specific counter socket art. 1450.16 (see installation section)



Installation example

## Floor inlet valve

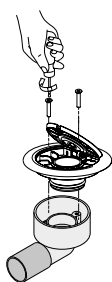
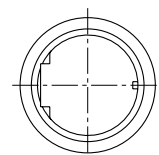
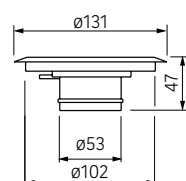
They adapt perfectly to any type of flooring thanks to their minimalist design. Their high build quality makes them driveable and wear-free. the system is activated by connection to the micro line.



Packaging 1 piece

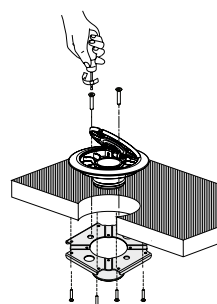
● art. 1455.0A Gray

● art. 1455.0N Black



### Jet floor installation

Requires specific backplate: with curved fitting Art. 1450.2, with straight fitting Art. 1450.3 (see installation section).



### Installation of floating floors

It is fixed directly to the floating floor by means of the adapter bracket Art. 1450.23 (see section on fixtures).



Installation example

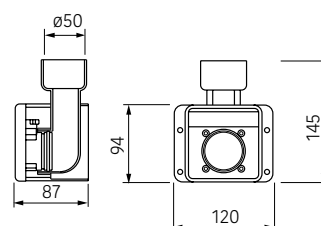
## External inlet valve

Inlet valve with box for wall-mounted installation. Ideal for situations where the pipework of the system is not recessed.



Packaging 1 piece

● art. 1459.5 White





## Square inlet valves

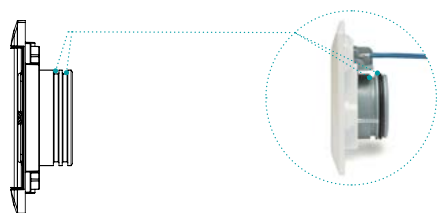
## DESIGN

Virtus Design extends the best line of inlet valve available on the market to the square shape. The innovations designed by Sistem Air take the experience of using a central Hoover system to a higher level guaranteed over time.

### What makes Virtus inlet valve unique

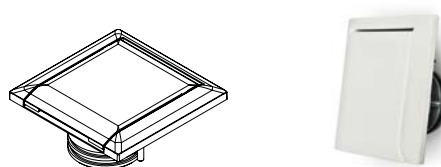
#### Double seat for the o-ring

The double seat for the o-ring is designed to always allow a perfect seal with the backup box even when it is not perfectly flush with the plaster.



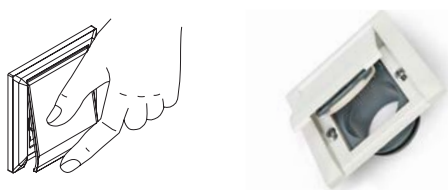
#### Robustness in a single piece

The Virtus Design grip has a structure with numerous reinforcements that make it extremely robust, guaranteeing its high quality of use.



#### Comfortable opening

The tilting door of the inlet allows easy opening even when the system is under vacuum, in the case of several operators at the same time.



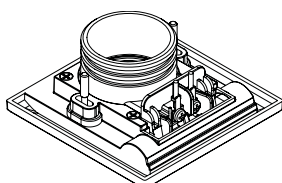
#### Customised design

The interchangeable covers are available in a palette of 12 colours, in Dark, Natural and Fruit variants, for maximum aesthetic expression of the room.



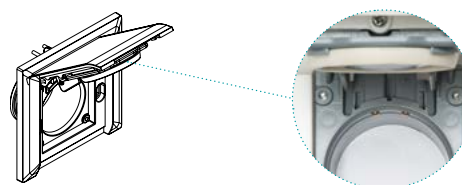
#### Supporting structure

The four screws on the inlet body increase torsional rigidity, a necessary condition in cases where the socket bearing surface is uneven.



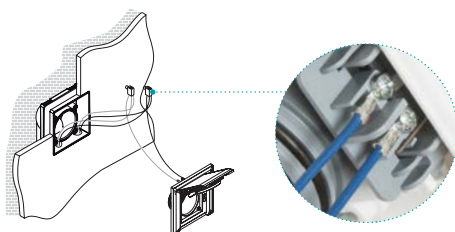
#### Zero vents, forever

The double taper gasket ensures that the grip is tight when closed. Made of SEBS rubber, it avoids the 'memory effect', remaining unchanged over the years.



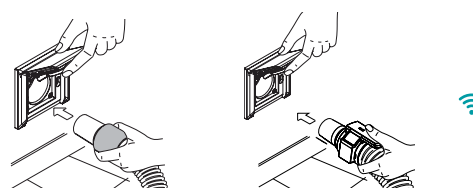
#### Ultra-fast connection

Equipped with 1 sq. mm wires, through the wiring terminals, they allow quick connection to the microswitch line of the central vacuum cleaner.



#### Suitable for all

Virtus inlets work with all hoses on the market: with traditional fitting, electrified and with Flisy and Flisy 2 wireless on/off.





ART. 1450.4B



ART. 1450.5B

## Virtus Design inlet valves

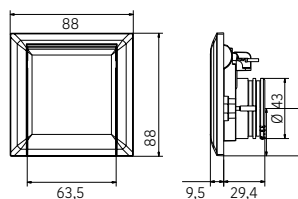


Virtus Design inlet valve

Packaging 1 piece



art. 1467.0 White



## Interchangeable covers for Virtus Design

The cover set allows you to choose your favourite colour of Virtus Design vacuum inlet. Item 1467.0 must be purchased before replacing the flap.



Corpo presa Design

Packaging 1 piece



art. 1468.0 Cover set support

### Natural tones Cover set



Packaging 1 piece



art. 1467.C2 Creme



Packaging 1 piece



art. 1467.C8 Light gray



Packaging 1 piece



art. 1467.C6 Sand



Packaging 1 piece



art. 1467.C9 Vanille

### Dark tones Cover set



Packaging 1 piece



art. 1467.C1 Dark gray



Packaging 1 piece



art. 1467.C5 Black



Packaging 1 piece



art. 1467.C4 Silver



Packaging 1 piece



art. 1467.C10 Coffee

### Fruit tones Cover set



Packaging 1 piece



art. 1467.C3 Lemon



Packaging 1 piece



art. 1467.C11 Berry



Packaging 1 piece



art. 1467.C7 Olive

## Square inlet valves

**STANDARD**

Standard inlet valves are characterised by a traditional appearance and clean lines. They are to be installed on the square backup box art. 1450.4B or art. 1450.5B, see system section.



Square inlet valve

Packaging 1 piece



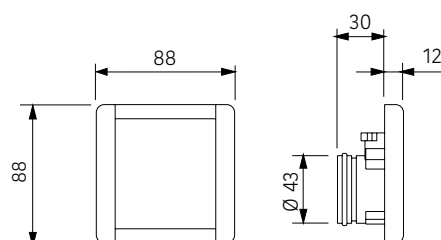
art. 1464.0B White



art. 1464.1B Ivory



art. 1464.2B Silver





# The different retractable hose





## Retractable hose system

Sense by Sistem Air is the retractable hose system that makes **cleaning practical and light**, amplifying the central vacuuming experience to the maximum.

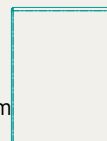
The user can choose a system that eliminates the inconvenience of the hose, optimising the installed vacuum inlet, and enhancing the design of the room, thanks to the high-tech finish of the covers in **perfect Sistem Air style**.

Area of use:

suitable for all central vacuum systems



Wireless (optional)



### The new age of cleaning

#### The Hoover fits in a drawer



The Sense retractable hose system eliminates hose inconvenience. This way, the Hoover and all accessories are always ready for use and conveniently stored in small spaces.



#### Lightweight



Sense is a system designed to experience only the convenience of central vacuuming.

Cleaning is ultra-light and you no longer need to move the hose around the house. It will just follow you around.



#### Wireless Flisy 2 (optional)

When there is a need to switch the system on or off, Flisy 2 allows you to do so with a simple button on the handgrip.

No need to run from room to room to stop the suction.

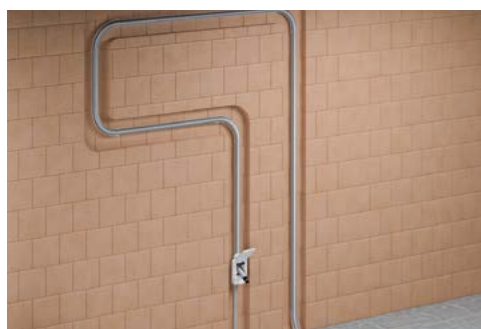


#### Back into the wall



The cleaning hose does not roll up or disappear, it simply goes back into the tube net installed in the wall thanks to the suction force.

The Sense hose always remains ready for cleaning and retracts when it is no longer needed.





## Express your personality

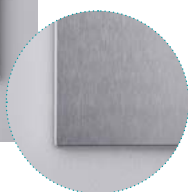
The design, created by combining a layer of pure steel with a high-strength plastic mixture, makes the Sense covers a robust design accessory, made to be experienced every day.

The cover's finish enhances the ambience in a discreet way, with the tones of brushed steel or demi-matt white. Alternatively, the room can be enlivened by choosing to paint it in a colour of your choice thanks to the special paint finish of art. 1470.2.



Cover  
brushed steel

● art. 1470.0



Cover  
Demi-matt white

○ art. 1470.1



Cover  
Paintable

● art. 1470.2





## Innovation and strengths

### Space-saving

Sense adopts the world's thinnest back box. **Only 85 mm deep**, it can be inserted even where space is at a premium, such as in plasterboard walls, partitions, wood and prefabricated structures.

### Perfect positioning

The cover has 4 slots to correct any misalignment of the counter grip.

In this way, the finishing cover will always be aligned for extreme aesthetic perfection.

85 mm



Counterweight thickness



Positioning slots

### Wiring space

A special compartment has been cut out on the Sense backplate to provide **ample space for electrical connections** (Figure a).

This makes it possible to use the space for wiring or to insert the System Tech Flisy 2 receiver (Figure b).



a. Standard installation



b. Wireless installation

### Wireless switching on and off

As an option, Sense brings on/off technology to systems with retractable pipe, fully integrated.

**It is possible to make the pipe wireless with Sistem Air's Flisy 2 technology** by using the handgrip and installing the System Tech Flisy 2 receiver in the counter socket (Figure c).



c. Operation of System Tech Flisy 2

### Choice of hose

The Sense system hose is available in three different lengths to cover the entire surface to be cleaned.

**Available cut lengths are 9m, 12m or 15m.**

### Installation versatility

Sense has no installation limitations as the backplate can be installed with the inlet to connect to the pipework either upwards or downwards (Figure d).

Therefore, **the installation can be developed as a suspended ceiling or floor installation.**



d. Positioning for installations with ceiling pipework

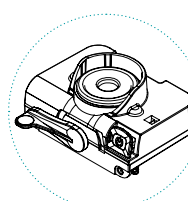


d. Positioning for installations with floor pipework

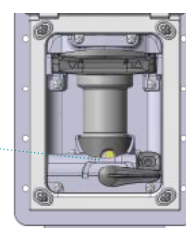
### Plant sealing

The system's vacuum is guaranteed by the **piston mechanism designed by Sistem Air**. In this way, the installation of the backup box has been considerably simplified, leaving the cover with only an aesthetic and protective function, rather than a sealing function.

This mechanism is **only present on Multi Sense art. 1450.32** to guarantee the tightness of the system even in the presence of several inlet valves.



Piston mechanism



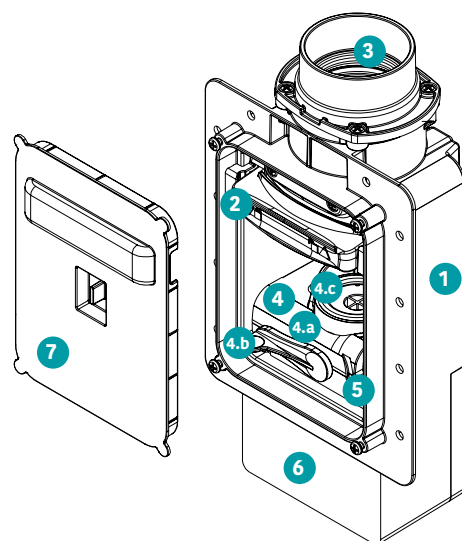
# Technical characteristics and section



Video of  
in-depth

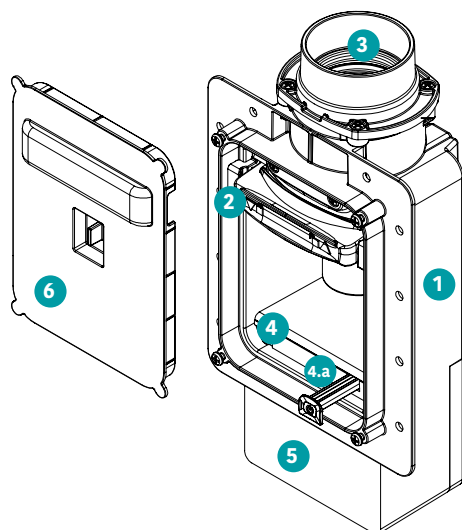
## Multi Sense System

1. System Sense
2. Polycarbonate compression handle
3. Rubber gasket blocking tube
4. Multi Sense System
  - 4a. Lever movement of sealing piston with microswitch
  - 4b. ABS piston release lever
  - 4c. Multi Sense system sealing rubber
5. Suction power button
6. Electrical wiring compartment
7. Mortar cover



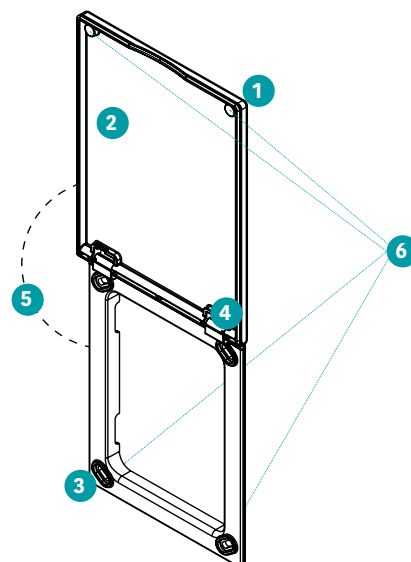
## Mono Sense System

1. System Sense
2. Polycarbonate compression handle
3. Rubber gasket blocking tube
4. Mono Sense System
  - 4a. Acetal suction ignition lever with microswitch
5. Electrical wiring compartment
6. Mortar cover



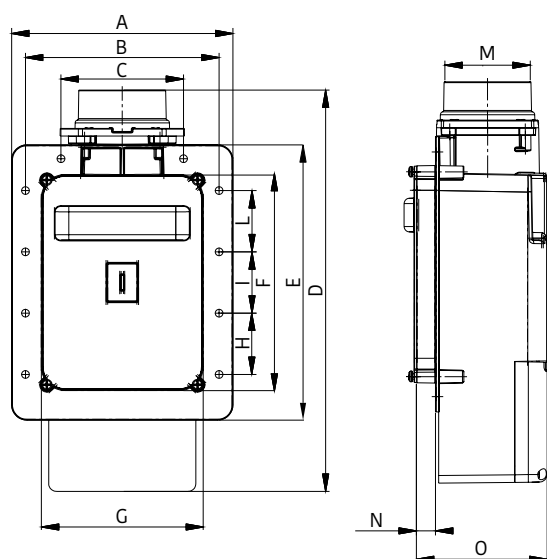
## Sense finish cover

1. Sheet steel finish
  - a. Anti-fingerprint treatment for Steel covers
  - b. Semi-matt coating for White cover
  - c. Adhesion primer for Paintable cover
2. ABS frame
3. Positioning loops
4. Pivot movement
5. 180° reinforced opening with stop system
6. Magnetic closure

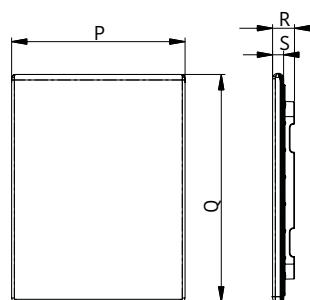


## Table of measurements and technical data

Below are the technical specifications of the counter-bracket and finishing cover for the Sense retractable tube system.

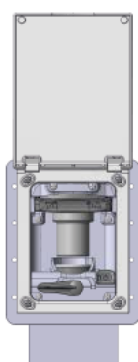


MODEL		Multi Sense	Mono Sense
ARTICLE		1450.32	1450.33
For multi-sense or mixed		✓	-
Vacuum sealing system		✓	-
Dedicated wiring compartment		integrated	
Wireless on/off control		optional	
Measurement A	mm	144	
Measurement B	mm	126	
Measurement C	mm	80	
Measurement D	mm	262	
Measurement E	mm	180	
Measurement F	mm	140	
Measurement G	mm	115	
Measurement H	mm	40	
Measurement I	mm	40	
Measurement L	mm	40	
Measurement M	Ø mm	51	
Measurement N	mm	13	
Measurement O	mm	85	



MODEL		Cover Steel	Cover White	Cover Paintable
ARTICLE		1470.0	1470.1	1470.2
Finish colour		Brushed steel	Matt white	Paintable
Finish material		Steel laminated with plastic		
Measurement P	mm		129	
Measurement Q	mm		169	
Measurement R	mm		16	
Measurement S	mm		8	
Positioning slots			4	
Door opening radius			180°	
Door closure			Magnetic	
Multi and Mono Sense compatibility			✓	

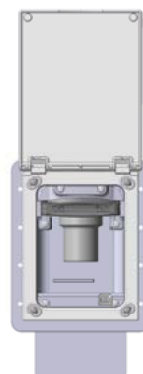
### Choice of Sense System



#### Multi Sense art. 1450.32

The solution for systems **with multiple Sense vacuum inlet or mixed systems.**

Includes the innovative sealing system that ensures vacuum is maintained throughout the system.



#### Mono Sense art. 1450.33

Designed for systems where **a single vacuum inlet point is installed.**

It gives the possibility of choosing and using an even simpler and more convenient system where multiple inlet points are not required.

# Installation material for Sense system



To install systems with the Sense system, you can choose between complete kits or loose system material.



## Installation kit for 1 Sense inlet point

Packaging 1 piece

☐ art. 7230.0 - Multi Sense

Backplate	Cover	FF elbow 22,5° - Ø 2"	FF elbow 45° wide - Ø 2"	FF elbow 90° larga - Ø 2"	Glue 60 g	Sleeve PVC Ø 2"	Sleeve Ø 2" 50mm	Pipe net PVC
1 pz Multi Sense	1 pz White	2 pz	2 pz	3 pz	1 pz	7 pz	1 pz	16 m

## Backplates and covers

Below there are finish covers and backplates for Sense retractable pipe system.

### Cover Sense

Packaging 1 piece

☐ art. 1470.0 Steel

☐ art. 1470.1 White

☒ art. 1470.2 Paintable



### Backplate Sense

Packaging 1 piece

☐ art. 1450.32 - Multi Sense

☐ art. 1450.33 - Mono Sense

Choose Multi Sense if you plan to install several socket points or Mono Sense for installations with only one inlet point.

## Installation material for Sense system by Sistem Air

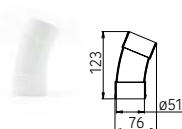
Materiale impiantistico in PVC bianco da Ø 2" specifico per l'installazione del sistema con tubo retrattile Sense.



### PVC pipes m 2 bars

Packaging 20 meters

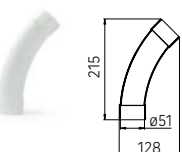
☐ art. 1851.0 - Ø 2" spessore mm 1,4



### 22.5° PVC elbow

Packaging 1 piece

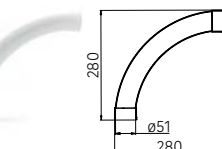
☐ art. 3051.6 - Ø 2" FF



### 45° PVC elbow

Packaging 1 piece

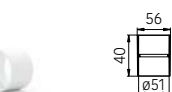
☐ art. 3051.7 - Ø 2" FF large



### PVC 90° elbow

Packaging 1 piece

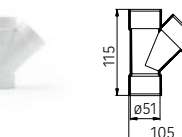
☐ art. 3051.8 - Ø 2" FF large



### Sleeves in PVC

Packaging 20 pieces

☐ art. 1151.1 - Ø 2"



### 45° PVC drift

Packaging 1 piece

☐ art. 4051.2 - Ø 2" FFF



### PVC sleeve with knocker

Packaging 1 piece

☐ art. 1150.4 - Ø 2" → 50 mm



### PVC pipe clamp collar

Packaging 20 pieces

☐ art. 1401.0 - Ø 2"



### PVC closure cap

Packaging 8 pieces

☐ art. 5051.1 - Ø 2"



### Pre-threaded electrical conduit

Packaging 1 piece

☐ art. 9016.7 - 25 m

☐ art. 9016.0 - 50 m

☐ art. 9016.1 - 100 m



### Glue

Packaging 5 pieces

☐ art. 9225.1 - 250 gr with brush

☐ art. 9225.2 - 500 gr with brush

## System accessories



Sense has a range of specific cleaning accessories for those who choose the retractable pipe system. **You can choose between the traditional system or the Flisy 2 wireless on/off control and the classic or mélange pipe.**

### Sense Cleaning hoses

The hose exclusively dedicated to the Sense retractable hose system is available in three different lengths and in variants with and without hose cover, a refined protection for even the most delicate furniture.



#### Flexible hose

Packaging 1 piece

- ☐ art. 7237.9 - length 9 m
- ☐ art. 7237.12 - length 12 m
- ☐ art. 7237.15 - length 15 m



#### Flexible hose with protection

Packaging 1 piece

- ☐ art. 7237.9P - length 9 m
- ☐ art. 7237.12P - length 12 m
- ☐ art. 7237.15P - length 15 m

### Standard handgrip for Sense system

The Sense system provides a dedicated handgrip to be attached to the hose. Designed with an ergonomic shape, it is the added bonus for light and convenient cleaning.



#### Sense handgrip

Packaging 1 piece

- ☒ art. 7039.5 - Standard

### System Tech Flisy 2 wireless for Sense system

System Tech Flisy 2 makes it possible **to switch the vacuum system on and off directly from the Sense system handgrip**, using short-range wireless technology.

**To make the Sense system wireless, the kit art. 7039.4W is available**, which includes the transmitter handgrip and receiver, to be installed in the backplate. The receiver alone is also available, for the installation of several Sense inlet valves that you want to make wireless.



#### System Tech Flisy 2 Sense

Packaging 1 piece

- ☐ art. 7039.4W - Wireless



#### System Tech Flisy 2\* receiver\*

Packaging 1 piece

- ☐ art. 3301.12 - Wireless

\*In case System Tech Flisy 2 is to be installed on more than one Sense retractable pipe inlet, it is also possible to use one handle with several receivers.

# Cleaning kit **SENSE** by Sistem Air



They contain a set of essential brushes and the hose dedicated to the Sense system. **Available in three hose lengths**, all kits include the standard handgrip dedicated exclusively to the Sense retractable hose system.



## Sense cleaning kit

The cleaning kit specifically for the Sense concealed pipe system

- ☐ **art. 7232.9** - 9m Sense cleaning kit
- ☐ **art. 7232.12** - 12m Sense cleaning kit
- ☐ **art. 7232.15** - 15m Sense cleaning kit

### The kit contains

1. Hose with Sense nozzle
2. Accessory Hanger Mini
3. Natural floor brush
4. Natural corner nozzle
5. Natural dusting brush
6. Chrome-plated hard extension



## Sense cleaning kit with hose protection

Everything you need for cleaning with Sense complete with hose cover









- ☒ **art. 7232.9P** - 9m Sense cleaning kit with protection
- ☒ **art. 7232.12P** - 9m Sense cleaning kit with protection
- ☒ **art. 7232.15P** - 9m Sense cleaning kit with protection

### The kit contains

1. Hose with Sense nozzle with hose cover
2. Mini accessory hook
3. Natural floor brush
4. Natural corner nozzle
5. Natural Dusting Brush
6. Rigid chrome extension

## Selection and comparison table

All **Sense cleaning kits** summarised in a handy comparison table to simplify the choice between the variants available in the catalogue.

		WITHOUT PROTECTION	WITH PROTECTION
		<b>7232.9</b> hose 9 m	<b>7232.9P</b> hose 9 m
		<b>7232.12</b> hose 12 m	<b>7232.12P</b> hose 12 m
		<b>7232.15</b> hose 15 m	<b>7232.15P</b> hose 15 m
	Flexible hose	✓	✓
	Hose cover mēlange	-	✓
	Sense handgrip	✓	✓
	Bristle brush for dusting Natural	✓	✓
	Natural corner nozzle	✓	✓
	30 cm floor brush Natural	✓	✓
	Chrome-plated telescopic extension	✓	✓
	Mini accessory hook	✓	✓



- The vacuum cleaner
- today fits in the drawer







Installation in PVC



Installation for Sense's system



For domestic installations of central vacuum systems

# INSTALLATION

Plant engineering notions and material for the construction of standard or retractable hose installations Sense by Sistem Air.

## INSTALLATION

Design and dimensioning	102
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### INSTALLATION MATERIALS FOR STANDARD SYSTEM

Installation kits	109
Equipment	109
Backplates	110
PVC installation material	111

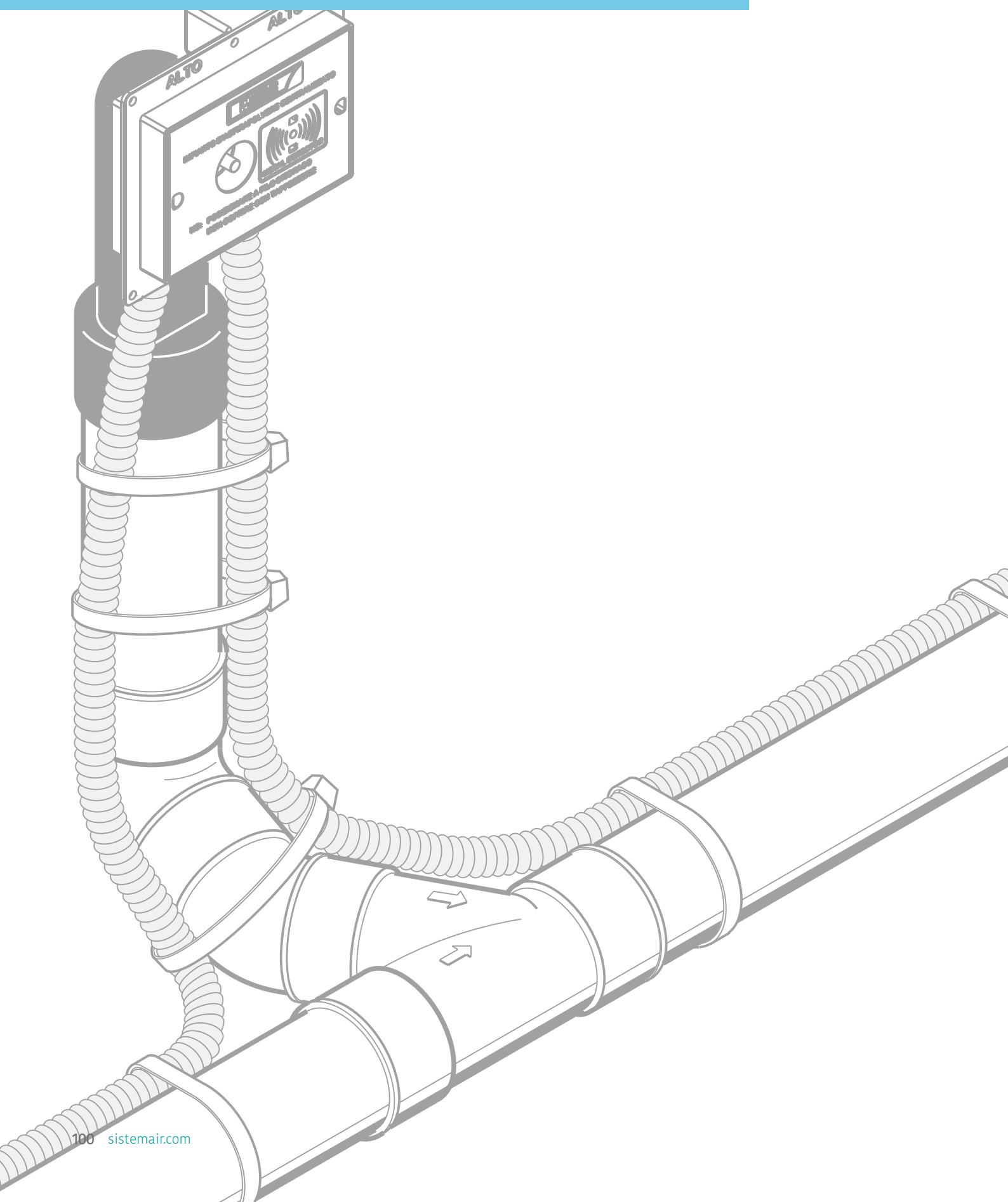
### INSTALLATION MATERIALS FOR SENSE SYSTEM

Installation kits	113
PVC Sense installation material	113

### COMPLEMENTS AND TESTING

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# Wellness connections





# PVC installation material for domestic applications

Area of use:  
domestic



Pipe net:  
2"

Ø 50 mm

Ø 63 mm



The Sistem Air installation material is designed to ensure a perfect fit between the pipes and fittings.

In particular, the pipes are **antistatic, self-extinguishing and calibrated** in thicknesses between 2.2 mm and 3 mm.

The jointing is carried out by gluing with a special cold **self-welding glue** that guarantees a perfect seal of the glued components.



# Central vacuum system installation

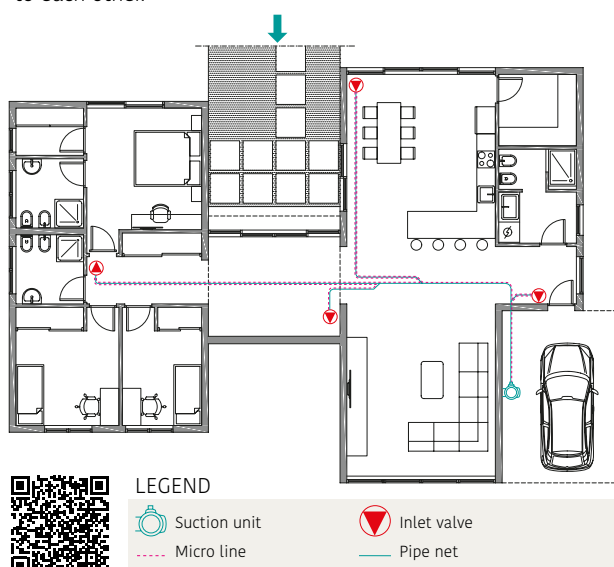
Setting up a central vacuum system is extremely simple, but requires some basic precautions to ensure performance over time. The golden rule of a **perfect central vacuum system is that it must guarantee a vacuum.**

A condition that is only fulfilled if:

1. correct dimensioning has been designed
2. the dedicated central Hoover system is used
3. the right central vacuum cleaner is chosen for the room to be cleaned
4. the inlet valves are chosen correctly

## Designing and dimensioning the system

This phase defines the positioning of the central vacuum cleaner and its inlet points so that there is the best performance in terms of surface coverage and ease of use of the Hoover system. It is possible to choose between two types of system, which are equivalent to each other.



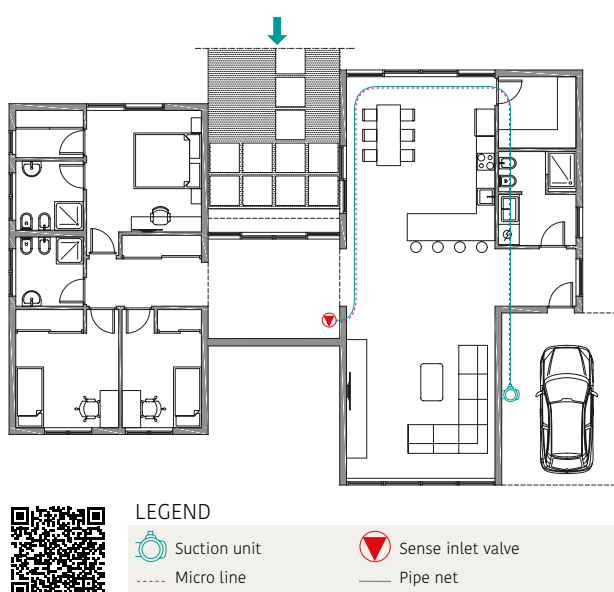
### A Traditional plant

**The traditional system involves the flush-to-wall installation of one or more inlet valves. To use the system, the 7m or 9m long hose must be connected.**

Position inlet valves at strategic points in the home by drawing circles on the floor plan, with a radius of 7m or 9m to scale, which simulate the length of the hose that will be used for cleaning.

Consider any inlet points near stairs or outdoor areas that you wish to clean and take into account any obstacles that might reduce the reach.

Typically, one inlet valve can cover about 35m<sup>2</sup> of floor space. Therefore, it is not necessary to provide an inlet point in every room.



### B Plant with retractable pipe



**The Sense system provides for the flush installation of one or more inlet valves. The cleaning hose is integrated into the system and only needs to be pulled out to use it.**

Position Sense at a central point in the home for best performance by drawing circles on the floor plan, with a radius of 9m, 12m or 15m to scale, which simulate the length of the hose you will use for cleaning.




Again, consider positioning near stairs or outdoor areas that you wish to clean and take into account obstacles that may reduce the radius of action.

In most cases, one Sense is sufficient to cover the entire surface of the property.

# Technical knowledge

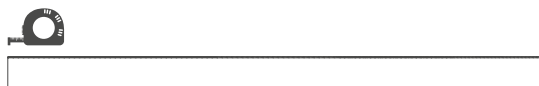
The following are the basic principles for setting up the central vacuum system, the correct use of the necessary equipment and the laying of the pipework.

## Installation equipment

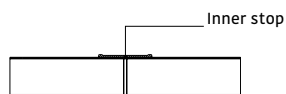
	<b>Pipe cutting tool</b> <b>art. 4163.0</b> - for pipe up to Ø63mm		<b>Special glue</b> <b>art. 9225.1</b> - format 250 gr <b>art. 9225.2</b> - format 500 gr	 <b>Vacuum gauge</b> <b>art. 4001.0</b>
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## Pipe cutting

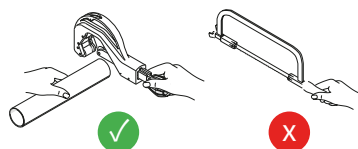
- 1 Measure the length of the pvc pipe to define the cutting point as required, taking into account the rebate of the fitting.



- 2 Measure the inside of the fitting up to the stop and add it to the previous measurement of the pipe to determine the actual cut measurement.



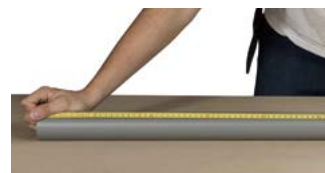
- 3 Cut the pipe using only the pipe cutting tool. This ensures a perfect fit between the fittings with a precise, linear and burr-free cut.



### TOOLS REQUIRED



ART. 4163.0



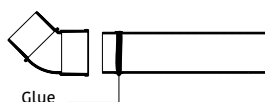
### TOOLS REQUIRED



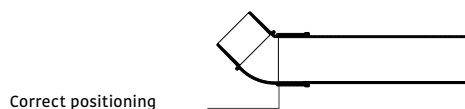
ART. 9225.1 e/o ART. 9225.2

## Union of connections

- 4 Spread adhesive only on the pipe or the male part of the fitting, taking care to use only the dedicated Sistem Air glue.



- 5 This allows excess glue to escape when the pipe is inserted into the fitting, creating an additional sealing ring.



## Curved fittings

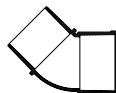
### TOOLS REQUIRED



ART. 9225.1 e/o ART. 9225.2

6

Bends in a centralised system must necessarily be made with 45° type fittings.

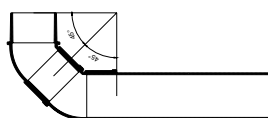


7

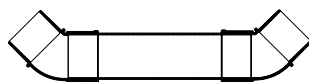
A 90° bend can be performed in two different ways:

A - with an MF curved fitting and an FF curved fitting;

B - with an FF curved fitting, a pipe section and another FF curved fitting.



A



B

The fewer curved fittings installed, the higher the speed of the air sucked in and the higher the performance of the system.



### TOOLS REQUIRED



ART. 9225.1 e/o ART. 9225.2

## Diverting the plant and respect the suction direction

8

In order to create several inlet points, it is necessary to branch the main line of the system. This is done using 45° FF or MF branch connections.

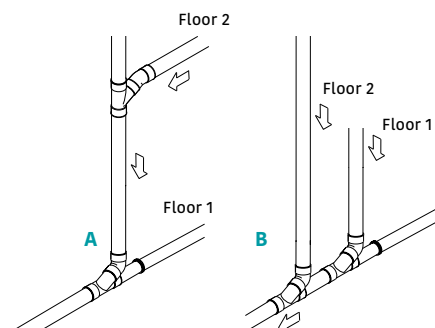
Branching allows the system to be split horizontally for the creation of several outlet points on the same level or to make risers for branching on several levels.



9

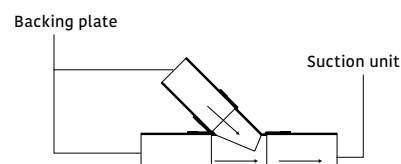
Only in multi-storey buildings, it is possible to choose whether to develop a single riser vertically and then branch off to the individual floors horizontally (A) or to create several system lines and connect them into a single manifold at the base of the central vacuum unit (B).

The number of derivation to be installed in a system is always one less than the number of inlet valves (e.g. 5 inlet valves = 4 outlets).



10

It is essential that the bypass is always installed correctly with respect to the suction direction of the system. Incorrect installation of the bypass will result in inevitable clogging of the system.



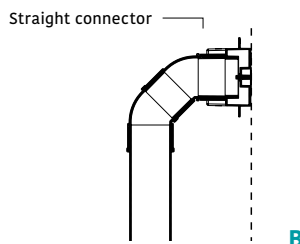
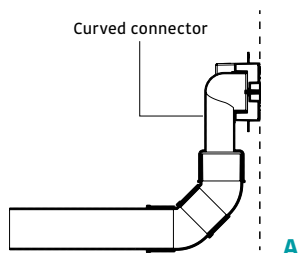
## Installation of wall or plasterboard backplate

11

The backplate must be installed flush with the plaster and only glued to the pipework. Do not glue the backing plate to the fitting. You can choose between two types:

A - universal with elbow coupling. It can be installed in any type of wall. The fitting rotates 360° to engage it wherever it is located;

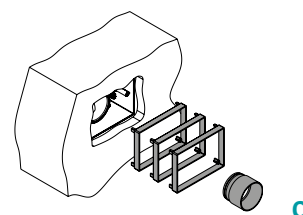
B - universal with straight connector, for installation in special constructions such as renovations, counter walls, furniture, movable walls, etc.



### TOOLS REQUIRED



ART. 9225.1  
e/o ART. 9225.2



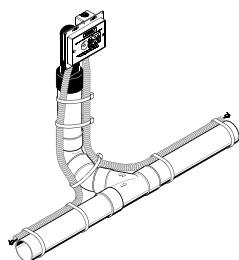
If the backplates are set back with respect to the plaster line, it is possible to use the socket extension kit (img. C) art. 1450.8 or art. 1450.9 (see section on backing plates).

## Micro line connection

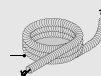
12

The system is supplied with low voltage 12v via a 2x1mm<sup>2</sup> pre-threaded electrical conduit that connects the inlet valves in parallel.

The microswitch line connects the central vacuum cleaner with the inlet valves of the system.



### TOOLS REQUIRED



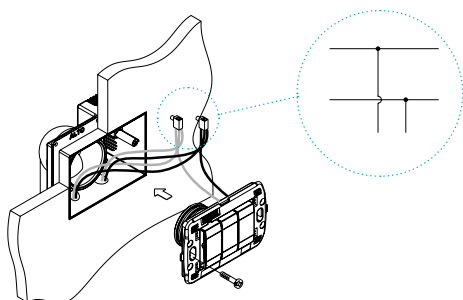
### TOOLS REQUIRED



## Connection of inlet valves

13

Connect the terminals to the micro line and connect the inlet valves to the backing plate, fastening it with the screws provided.

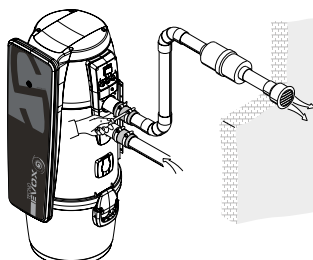


## Connecting the central vacuum cleaner

14

The connection of the central vacuum cleaner to the pipe net is made by means of the vibration-damping sleeves and clamps supplied, while the connection to the micro line is made by means of the 12V cable.

The central vacuum cleaner is powered by the 230V AC line.



### TOOLS REQUIRED



ART. 9225.1 e/o ART. 9225.2



## Air outlet sizing

15

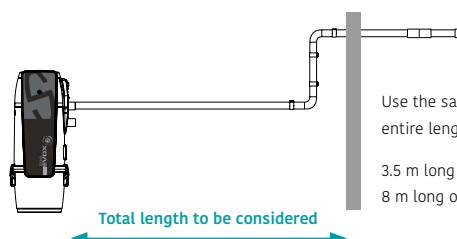
The air outlet must be dimensioned according to the length of development, strictly adhering to the indications given in the table, in order to create optimal conditions for the expulsion of air.

For all domestic suction units

Air outlet line length	Diameter Ø
max 4 m	50 mm
over 4 m	63 mm

Only for Tecno Star Dual Power suction unit

Air outlet line length	Diameter Ø
max 4 m	63 mm
over 6 m	80 mm



Use the same diameter along the entire length of the drain. Example:

3.5 m long outlet = all Ø 50 mm  
8 m long outlet = all Ø 63 mm

## Final verification of plant tightness

16

Before laying the flooring, a leak test of the pipe network can be carried out using the vacuum gauge. Specifically for central vacuum systems, it is able to detect

- the maximum vacuum of the central vacuum cleaner
- the operating vacuum of the system
- the correct installation of the system

The values measured by the vacuum gauge are variable and depend on the power of the central vacuum cleaner, ambient temperature, relative humidity and altitude.

If the central vacuum cleaner has not yet been installed, it is still possible to test the tightness of the pipework using the Sistem Test portable instrument Art. 4300.1 complete with vacuum gauge.

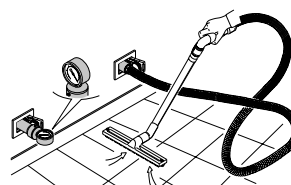
### TOOLS REQUIRED



ART. 4001.0



KIT PULIZIA



# Special situations

There are situations in which it is necessary to adopt dedicated installation solutions in order to ensure that the piping network is properly constructed and sealed throughout its development.

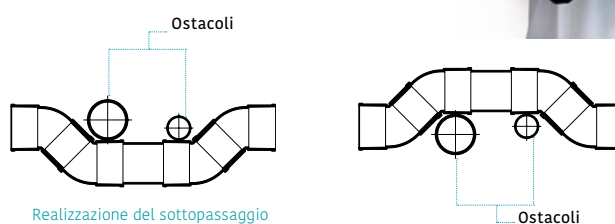
## Overcoming obstacles

**A** If obstacles are encountered that cannot be overcome due to the lack of subgrade level, a subway must be created.

The subway is created by joining the following connections:

45° elbow coupling MF	+
45° elbow coupling FF	+
Pipe section	+
Elbow fitting 45° MF	+
Elbow fitting 45° FF	=

### SUBWAY



This operation should be carried out as few times as possible on the same system, as it would create a major strain on the speed of the sucked air.

### TOOLS REQUIRED



ART. 9225.1 e/o ART. 9225.2



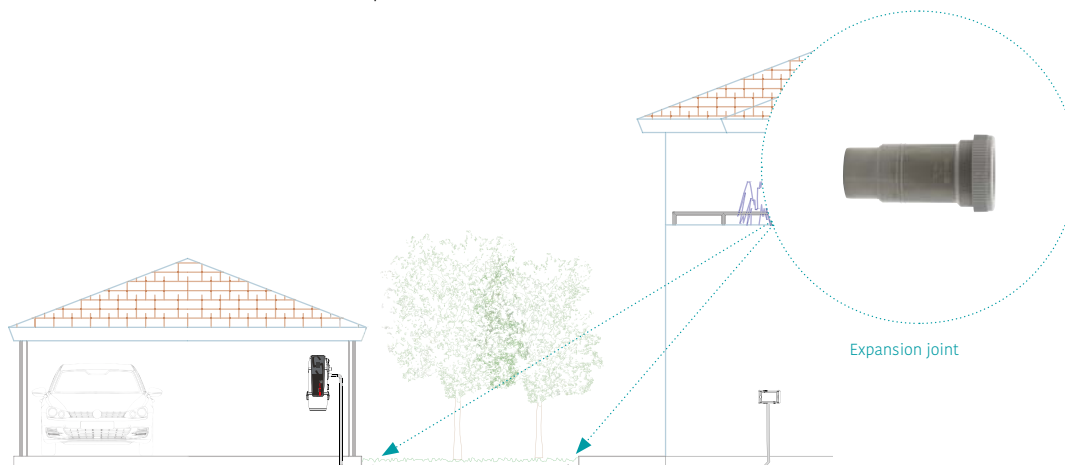
## Passage of pipe sections outside

**B** If it is necessary to run a section of pipework outdoors, in order to connect two different properties (e.g. garage detached from the main body in which the central vacuum cleaner to be connected to the house is located), it is essential to pay attention to the expansion of the ground.

For this it is necessary to use the appropriate expansion joints to be installed as follows:

- one at the pipe outlet of the first property
- one before the entrance of the second property.

The pipe net that crosses the ground must be insulated in order to minimise condensation inside it, which on contact with sucked-in dust could create deposits.



### TOOLS REQUIRED



ART. 9225.1 e/o ART. 9225.2



# Sistem Air technical installation specifications

## Installation scopes

Sistem Air installation material is suitable for all central vacuum system installations and is divided into four macro categories

**PVC Pipes**

**PVC Fittings**

**Pre-threaded electrical  
conduit**

**Self-sealing glue**

## Distinctive features and certifications

Sistem Air offers installation material complying with the most stringent quality and safety approvals and certifications, suitable to meet the most demanding installation requirements.

### PVC suction hoses in cold weldable compact wall bars

Ø	Thickness	Material	Color	Standard of reference	Certifications	Conductivity thermal	Resistance electrical sup.
50 mm	2,2 mm	Unplasticized PVC	Grey	IIP specification on ex ☎ 7443:1985 + F.A.178:1987	Ist. Italiano Plastici - nr. dist. 261	≈ 0,16 WK-1 m-1	> 1012 Ω
63 mm	3 mm	Unplasticized PVC	Grey	☎ EN 1329-1:2021	Ist. Italiano Plastici - nr. dist. 261	≈ 0,16 WK-1 m-1	> 1012 Ω
80 mm	3 mm	Unplasticized PVC	Grey	☎ EN 1329-1:2021	Ist. Italiano Plastici - nr. dist. 261	≈ 0,16 WK-1 m-1	> 1012 Ω
100 mm	3 mm	Unplasticized PVC	Grey	☎ EN 1329-1:2021	Ist. Italiano Plastici - nr. dist. 261	≈ 0,16 WK-1 m-1	> 1012 Ω

### Cold weldable PVC pipe fittings

Ø	Thickness	Material	Color	Standard of reference	Certifications
50 mm	2,2 mm	Unplasticized PVC	Grey	-	-
63 mm	3 mm	Unplasticized PVC	Grey	☎ EN 1329-1:2021	Ist. Italiano Plastici - nr. dist. 136
80 mm	3 mm	Unplasticized PVC	Grey	☎ EN 1329-1:2021	Ist. Italiano Plastici - nr. dist. 136
100 mm	3 mm	Unplasticized PVC	Grey	☎ EN 1329-1:2021	Ist. Italiano Plastici - nr. dist. 136

### PVC welding adhesive for professional use

Special glue specifically for centralized vacuum systems. Technical adhesive based on PVC dissolved in solvents that ensures cold welding while maintaining the chemical resistance and mechanical properties of rigid PVC. UFI code: p970-y02w-800n-vnx6.

### Environmentally friendly pre-wired electrical conduit

Features and certifications of pre-wired corrugated pipe

Ø	Material	Standard of reference	Resistance to impact	Certifications	LS Low Smoke	OH Zero Halogen	Fire res: non-flame propagating	Conf. Directive Low Voltage
16 mm	Polypropylene	EN 61386.1, EN 61386.22, IK: EN 62262	6J (IK08) Heavy	CE ☎	IEC 61034-2	IEC 60754-1; IEC 60754-2	EN 61386.1, EN 61386.22	BT 2014/35/EU

### Cable characteristics and certifications

Cables	Rated voltage	Comply C.P.R.	C.P.R. class	Certifications
2x1 mm <sup>2</sup>	450/750V	Si	Cca s3,d1,a3	CE ☎

## Criteria for selection of piping network

PVC piping and fittings are suitable for all types of central vacuum system installations. Where special mechanical strength problems exist or in the case of exposed piping installations, metal pipes can be used.

## Notes

When it is necessary to cross an outside section with rigid piping, adequate insulation and the use of expansion joints should be arranged. Different materials will affect the warranty of the system and may create clogging of the pipe network.

## Warnings

The installation material is expressly made for centralized suction. Using the dedicated installation material enables the realization of plants with the highest performance guarantee.

# Installation material for standard system

Specific for the construction of centralized vacuum cleaner systems. Refer to the beginning of this chapter for the technical characteristics of PVC material.



How to install  
the system

## Installation kits

They include the material for setting up a central vacuum cleaner system. The kits can be added together in order to obtain the desired inlet points.

Using the kits, in buildings with regular floor plans, you are assured of having all the material to complete the pipe network.



### Rectangular backplates kit

Packaging 1 piece

art. 7030.3 - for 3 inlets

art. 7030.4 - for 4 inlets

art. 7030.5 - for 5 inlets

Art.	Inlet valves	Backplates elbow connector	PVC Pipe	Elbow MF	Elbow FF	Drift FF	Sleeve	Vent grid	Electrical conduit	Glue 250gr
7030.3	3	3 pz	20 m	9 pz	12 pz	3 pz	9 pz	1 pz	25 m	1 pz
7030.4	4	4 pz	28 m	12 pz	16 pz	4 pz	12 pz	1 pz	37,5 m	1 pz



### Square backplates kit

Packaging 1 piece

art. 7030.3E - for 3 inlets

art. 7030.4E - for 4 inlets

art. 7030.5E - for 5 inlets

Art.	Inlet valves	Backplates elbow connector	PVC Pipe	Elbow MF	Elbow FF	Drift FF	Sleeve	Vent grid	Electrical conduit	Glue 250gr
7030.3E	3	3 pz	20 m	9 pz	12 pz	3 pz	9 pz	1 pz	25 m	1 pz
7030.4E	4	4 pz	28 m	12 pz	16 pz	4 pz	12 pz	1 pz	37,5 m	1 pz

## Equipments

Correct cutting and bonding of the piping net ensures the proper operation of the system. Therefore, only equipment dedicated to the Sistem Air central vacuum system should be used.



### Pipe cutting tool

Packaging 1 piece

art. 4163.0 - for pipe up to Ø63mm



### Replacement castor

Packaging 1 piece

art. 4163.1 - for pipe cutting tool



### Special Glue

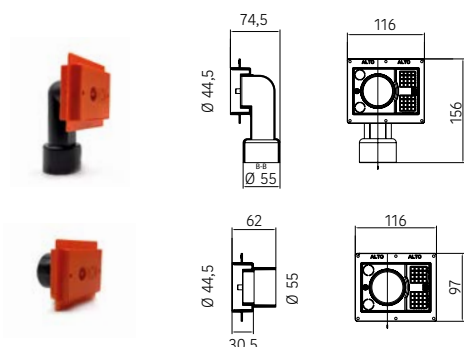
Packaging 5 pieces

art. 9225.1 - 250gr size with brush

art. 9225.2 - 500gr size with brush

## Universal rectangular backplates

The rectangular backplate is available in two variants: with curved connection, for installation on any type of wall, or straight connection, for installation in special constructions. For more details, see the section Installations on page 102.



### Rectangular with elbow connector

Packaging 10 pieces

art. 1450.0

### Rectangular straight connector

Packaging 10 pieces

art. 1450.1

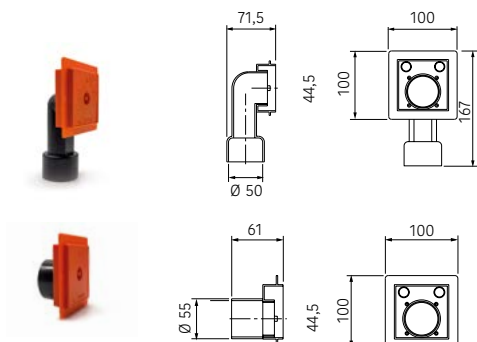
### FOR INSTALLATION SERIES SUCTION INLETS



- Virtus
- Generation

## Universal square backplates

The square backplate comes in two variants: with curved connection, for installation on any type of wall, or straight connection, for installation in special constructions. For more details, see the Installations section on page 102.



### Square with curved connector

Packaging 10 pieces

art. 1450.4B

### Square with straight connector

Packaging 10 pieces

art. 1450.5B

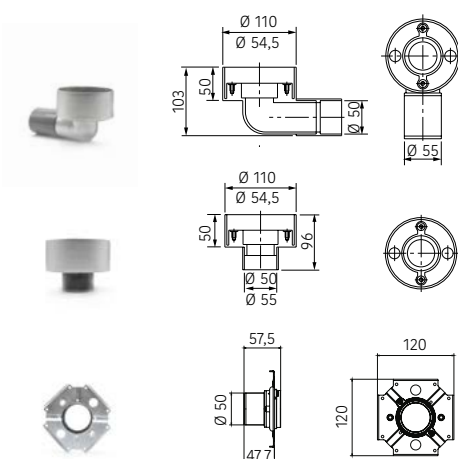
### FOR INSTALLATION SERIES SUCTION INLETS



- Design
- Square Standard

## Floor Backplates

Dedicated for the installation of inlet valves on cast or floating floors. For further details see inlet sockets page 83.



### Curved floor connector

Packaging 1 piece

art. 1450.2

### Straight floor connector

Packaging 1 piece

art. 1450.3

### Floating floor adapter

Packaging 1 piece

art. 1450.23

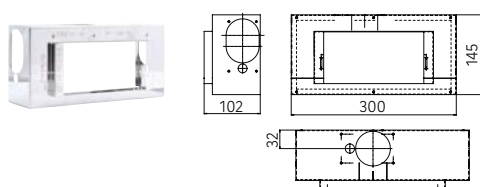
### FOR INSTALLATION SERIES SUCTION INLETS



- On the floor

## Flush-mounted backplate for skirting board socket

To be used exclusively for recessed installation in the wall of the baseboard inlet valve. For further details, see section on inlet valves on page 83.

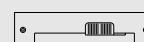


### Recessed for skirting board inlets

Packaging 1 piece

art. 1450.16

### FOR WALL INSTALLATION INLET VALVE



- Vacpan

## PVC pipes

Exclusive PVC pipe rods for the pipe network of central vacuum systems. For more detailed information on the technical characteristics of the installation material, see the beginning of this chapter on page 108.



### PVC pipe bars - m 2 bars

	art. 1850.0 - Ø 50 mm thickness mm 2,2	Packaging 20 meters
	art. 1863.0 - Ø 63 mm thickness mm 3	Packaging 10 meters
	art. 1880.0 - Ø 80 mm thickness mm 3	Packaging 10 meters

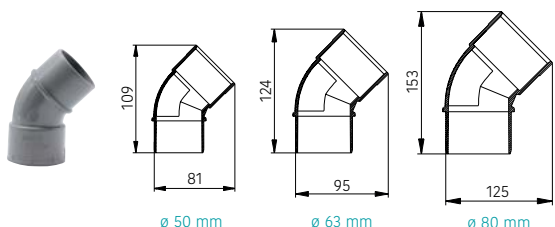


### Pallet of PVC pipes

	art. 1850.0 - Ø 50 mm thickness mm 2,2 (500 m pallet)	Packaging 1 piece
	art. 1863.0 - Ø 63 mm thickness mm 3 (300 m pallet)	Packaging 1 piece

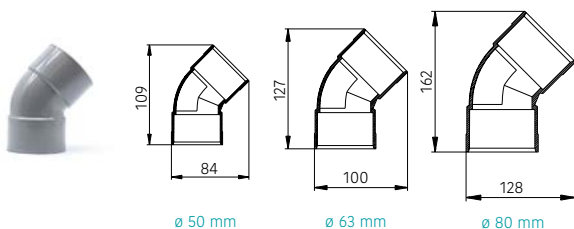
## Elbows

Dedicated curved fittings for centralised suction. Available in two versions, MF and FF, with 45° angle.



### PVC 45° Elbow

	art. 3050.0 - PVC 45° elbow Ø 50 mm MF	Packaging 60 pieces
	art. 3063.0 - PVC 45° elbow Ø 63 mm MF	Packaging 30 pieces
	art. 3080.0 - PVC 45° elbow Ø 80 mm MF	Packaging 1 piece

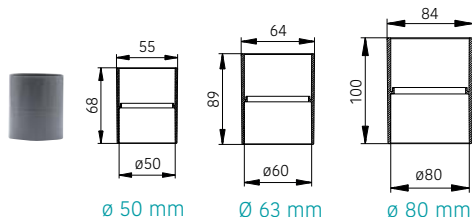


### PVC 45° Elbow

	art. 3050.1 - PVC 45° elbow Ø 50 mm FF	Packaging 60 pieces
	art. 3063.1 - PVC 45° elbow Ø 63 mm FF	Packaging 30 pieces
	art. 3080.1 - PVC 45° elbow Ø 80 mm FF	Packaging 1 piece

## Sleeves

Sleeves with knocker for the correct joining of rigid pipe sections to be carried out with the special cold adhesive.

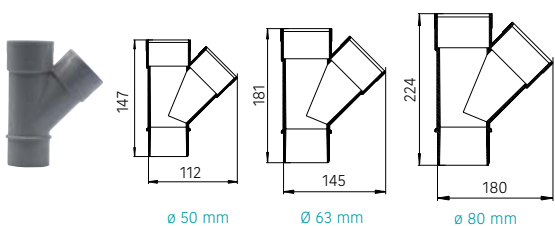


### PVC sleeves with clapper

	art. 1150.1 - Ø 50 mm	Packaging 100 pieces
	art. 1163.1 - Ø 63 mm	Packaging 40 pieces
	art. 1180.1 - Ø 80 mm	Packaging 1 piece

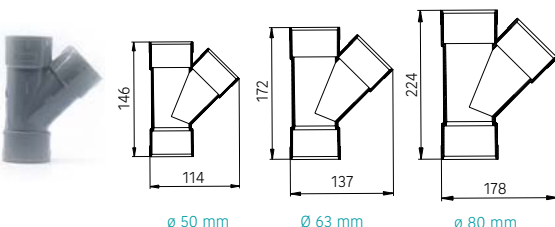
## Wye

Necessary for branching the main line of the system. The branch connections have a 45° angle and are available in MF and FF



### 45° PVC wye

	art. 4050.0 - PVC wye Ø 50 mm MF	Packaging 20 pieces
	art. 4063.0 - PVC wye Ø 63 mm MF	Packaging 15 pieces
	art. 4080.0 - PVC wye Ø 80 mm MF	Packaging 1 piece



### 45° PVC wye

	art. 4050.1 - PVC wye Ø 50 mm FF	Packaging 20 pieces
	art. 4063.1 - PVC wye Ø 63 mm FF	Packaging 15 pieces
	art. 4080.1 - PVC wye Ø 80 mm FF	Packaging 1 piece

## Backplate extension kit

Depending on the defect to be corrected, it is not necessary to restore the wall but it is possible to properly connect the inlet valve to the backplate, ensuring the tightness of the suction system, see p. 77 for details.



### Backplate extension kit

- art. 1450.8 - for rectangular backplate [Packaging 10 pieces](#)
- art. 1450.9 - for square backplate [Packaging 10 pieces](#)



### Extension for inlet sockets

- art. 1457.1 - for domestic inlet valves [Packaging 5 pieces](#)



### Extension for floor inlet valves

- art. 1457.2 - for floor inlets [Packaging 1 piece](#)

## Prewired cable

Environmentally friendly pre-wired electrical conduit for the electrical wiring of the system. It serves as a low-voltage 12 V connection between the inlet point and the central vacuum cleaner.



### Pre-wired electrical conduit

- art. 9016.7 - length 25 m [Packaging 1 piece](#)
- art. 9016.0 - length 50 m [Packaging 1 piece](#)
- art. 9016.1 - length 100 m [Packaging 1 piece](#)

## Screw caps

They are used to temporarily close sections of the system that are to be completed at a later date, in order to ensure tightness and proper suction.



### Pvc screw caps

- art. 5050.1 - Ø 50 mm [Packaging 1 piece](#)
- art. 6063.1 - Ø 63 mm [Packaging 1 piece](#)
- art. 8080.1 - Ø 80 mm [Packaging 1 piece](#)

## Eccentric extensions

Essential for changing from one diameter to another in the pipework or air outlet. The eccentric increases can be added together to quickly reach the desired diameter.

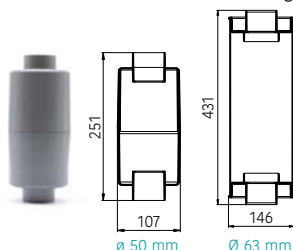


### Eccentric extension

- art. 6063.3 - Ø 50/63 mm [Packaging 1 piece](#)
- art. 8080.3 - Ø 63/80 mm [Packaging 1 piece](#)

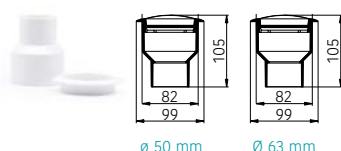
## Air exhaust

Through the exhaust, micro-dust is expelled to the outside of the building to ensure a healthy environment. The silencer reduces noise emissions and the vent grille completes the external finish of the system.



### PVC air vent silencer

- art. 110001 - Ø 50 mm [Packaging 1 piece](#)
- art. 110002 - Ø 63 mm [Packaging 1 piece](#)



### Air vent grille

- art. 5050.4 - Ø 50 mm [Packaging 1 piece](#)
- art. 5063.4 - Ø 63 mm [Packaging 1 piece](#)

# Installation material for Sense retractable hose system

Specifically for central Hoover systems with Sense retractable hose system. See page 88 for more details on the system.

By choosing the kit, you are assured of having all the material to make a Sense vacuum cleaner point. Alternatively, you can choose loose implantation.



## Installation kit for 1 Sense inlet point

Packaging 1 piece

☐ art. 7230.0 - Multi Sense

Backplate	Cover	FF curve 22,5° - Ø 2"	FF curve 45° wide - Ø 2"	FF curve 90° larga - Ø 2"	Glue 60 g	Sleeve PVC Ø 2"	Sleeve Ø 2" 50mm	Pipe net PVC
1 pz Multi Sense	1 pz White	2 pz	2 pz	3 pz	1 pz	7 pz	1 pz	16 m

## Covers and backplates



### Cover Sense

Packaging 1 piece

- ☐ art. 1470.0 Steel
- ☐ art. 1470.1 White
- ☒ art. 1470.2 Paintable



### Backplate Sense

Packaging 1 piece

- ☐ art. 1450.32 - Multi Sense
- ☐ art. 1450.33 - Mono Sense

Choose Multi Sense if you plan to install several socket points or Mono Sense for installations with only one inlet point.

## Bulk installation material for Sense by Sistem Air

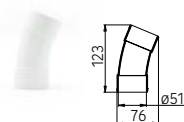
White PVC installation material Ø 2" specifically for installation of the Sense retractable hose system.



### PVC pipes m 2 bars

Packaging 20 meters

- ☐ art. 1851.0 - Ø 2" thick mm 1,4



### 22.5° PVC elbow

Packaging 1 piece

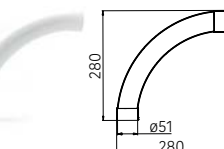
- ☐ art. 3051.6 - Ø 2" FF



### 45° PVC elbow

Packaging 1 piece

- ☐ art. 3051.7 - Ø 2" FF large



### 90° PVC elbow

Packaging 1 piece

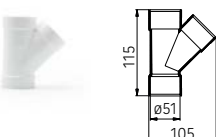
- ☐ art. 3051.8 - Ø 2" FF large



### PVC sleeves

Packaging 20 pieces

- ☐ art. 1151.1 - Ø 2"



### 45° PVC drift

Packaging 1 piece

- ☐ art. 4051.2 - Ø 2" FFF



### PVC sleeve

Packaging 1 piece

- ☐ art. 1150.4 - Ø 2" → 50 mm



### PVC pipe clamp

Packaging 20 pieces

- ☐ art. 1401.0 - Ø 2"



### PVC closure cap

Packaging 8 pieces

- ☐ art. 5051.1 - Ø 2"



### Pre-threaded electrical conduit

Packaging 1 piece

- ☐ art. 9016.7 - 25 m
- ☐ art. 9016.0 - 50 m
- ☐ art. 9016.1 - 100 m



### Glue

Packaging 5 pieces

- ☐ art. 9225.1 - 250 gr whit brush
- ☐ art. 9225.2 - 500 gr with brush



## Complements and testing for standard and Sense installations

The products presented in this section are suitable for completing and testing both standard and Sense retractable hose systems.

### Ball valves

If you wish to section the system, valves can be used to manage the suction flow as required.



#### Ball valve for manual section

Packaging 1 piece

● art. 2050.0 - Ø 50 mm

art. 2050.1 - Ø 63 mm



#### Ball valve with microswitch

Packaging 1 piece

● art. 2050.0CM- Ø 50 mm

### Plant testing

The test systems allow the correct laying and installation of the central vacuum cleaner system to be verified. The test can be carried out with the central vacuum cleaner already installed, using the vacuum gauge, or pre-installed with the Sistem Test.



#### Domestic series plant test plug

Packaging 1 piece

● art. 5050.5



#### Vacuum gauge

Packaging 1 piece

● art. 4001.0



#### Sistem Test

Packaging 1 piece

● art. 4300.1

### Sistem Test spare parts

Below are the spare part codes for Sistem Test, with the exception of motors, electronic boards and carbon brushes, for which you must contact Sistem Air Customer Care.

		Filter	Bags	Motor	Brushes
SISTEM TEST	4300.1	1610.16	1614.15	Contact Customer Care Sistem Air	

Customer Care  
Sistem Air



Scan the QR to  
send a WhatsApp

# Sistem Test



Sistem Test is the tool for certifying that the installation has been carried out perfectly, protecting it from any errors caused by third parties.

The tool is necessary to test the system when the central vacuum cleaner has not yet been installed. The test is carried out once the pipe net has been positioned, so as to verify its correct installation and tightness.

**With Sistem Test it is possible to test both traditional and Sense retractable hose systems.**

Area of use:  
plant testing  
without central vacuum



IP44

## Characteristics

### Everything for a perfect test

Sistem Test is supplied in a kit with everything needed to carry out the test on the installation.

The kit is contained in a practical bag, so it can be conveniently transported to the construction site.

### Integrated vacuum gauge

It provides a quick and accurate reading of the vacuum detected on the central vacuum system.

The test is carried out in systems on which the central vacuum cleaner has not yet been installed. Alternatively, use vacuum gauge art. 4001.0.

MODEL	Sistem Test
ARTICLE	4300.1
<b>Sistem Test tool</b>	<b>1</b>
Flexible hose Ø 50mm	1
Universal adaptor Ø 50/63mm	1
Implant test caps	20
Three copies of block certificates	1
Kit bag	1

## Eligibility parameters

The system test steps are as follows:

1. With Sistem Test switched on, plug the other end of the hose with your hand and read **the indicated value (=Pv)**.
2. Connect the hose to the pipe network and read the indicated **pressure again (=Pi)**.
3. Calculate the system loss (%) with the following formula:  
$$\text{Loss \%} = [(P_i/P_v) - 1] \times 100$$
4. If the loss % is less than 10%, the installation is suitable.

## System certification

Upon completion of the measurements, a test certificate can be issued in triplicate, protecting the customer from any errors caused by third parties.

In this way, it is possible to certify the absence of leaks and the tightness of the system, verifying its correct installation.



Vacuometro integrato nello strumento

## Sistem Air customer care contacts

Mail [info@sistemair.it](mailto:info@sistemair.it)

Tel +39 0381 650082

WhatsApp +39 340 4090146

*SISTEM-AIR*







Wireless Flisy 2 fittings



Cleaning accessories



Cleaning kit



Flexible hose



Special separators



Spare parts



For plant cleaning and maintenance.

# ACCESSORIES AND SPARE PARTS

Sistem Air has created the **best vacuum cleaner accessories**, universal and for cleaning all surfaces. They can be supplied individually or in convenient dedicated kits.

All Sistem Air accessories can **also be purchased online** at [cleanoop.com](http://cleanoop.com)

## ACCESSORIES AND SPARE PARTS

### WIRELESS ON/OFF SYSTEM

Flisy 2	123
System Tech Flisy 2	126

### CLEANING ACCESSORIES

Hoses and fittings	128
Natural Trendy Brushes	130
Standard brushes	131
Cleaning Kits	132

### SPECIAL SEPARATORS

Liquid and ash separators	136
---------------------------	-----

### SPARE PARTS

Filters	137
Bags	138
Spare parts table	139

### WARRANTY

Product registration	140
T-Warranty	140



Your expression of cleanliness

# Cleaning accessories

Area of use:  
domestic



Accessory attachment Ø 32 mm



Sistem Air cleaning accessories respect all surfaces, even the most delicate ones, **guaranteeing a superior degree of hygiene** and a long service life.

In particular, the design of the brushes is functional to their ease of use. **Specific shapes with bumper profiles and rotating joints** make it easier to reach the most hidden places.

The **soft, natural bristles** take care of the room, eliminating all dust residue in depth.

A perfect mix, combined with hoses and accessories for every need. **The best tool for the best result.**

## Unmatched comfort

Cleaning with a Sistem Air central vacuum cleaner means achieving an unmatched level of convenience, lightness and practicality. Every element has been designed to facilitate cleaning without compromise.

### Ergonomic handgrip

Designed for the hands. Relieves the weight of cleaning on the ground, preventing fatigue.

### No fatigue

Up to 45% lighter than previous generations.

### Professional flexible hose

Manufactured from spiralised Eva without reinforcement, the hose is resistant to permanent deformation and allows bends without constrictions.

### Long and extra long

The hose is available in 7m and 9m, so you can get everywhere with no effort.

### Twist connection

The hose-inlet connection rotates 360° to accommodate cleaning movements and avoid hose kinks.



## Wireless or standard: choose how to use the system

The convenience of switching on directly from the handgrip or the essentiality of the traditional system. The solutions for managing your central vacuum cleaner system.

### Flisy 2 - on/off wireless



It is immediately recognisable by its **pure white colour** and the crystal button in the middle of the handgrip.

Flisy 2 is the wireless on/off system designed by Sistem Air to switch the system on and off at the touch of a button. As often as you like.



### Standard

The **grey dolphin** handgrip characterises the traditional system for switching the system on and off.

By inserting the hose into the inlet, suction starts. At the end of cleaning operations, simply remove the hose from the inlet to switch the system off.



# The Flisy 2 on/off system



Flisy 2 is a 433.92 MHz radio frequency-based system that **allows the centralised Hoover system to be switched on and off directly from the button on the handgrip.**

The technology developed by Sistem Air puts the transmitter board located in the handgrip and the receiver board in the hose-inlet connection into communication. This makes it possible to manage the vacuum cleaner system at any time, without having to disconnect the hose from the inlet valve as is the case with the standard system.

Area of use:  
for installations with max. 1 user

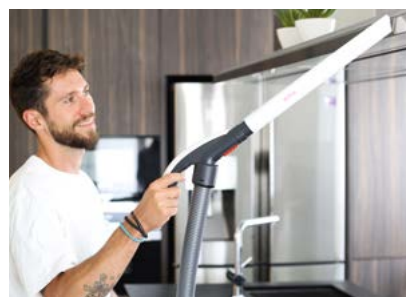
IP40

Wireless



Flisy 2 is available in the following codes

7039.10W	<b>Flisy 2 fitting</b>
7037.7W - 7037.9W	Wireless hose 7 m or 9 m
7530.7W - 7530.9W	Basic wireless cleaning kit 7 m
7532.7W - 7532.9W	Smart wireless cleaning kit 7 m
7531.9W	Deluxe wireless cleaning kit 9m



## 1 Operation

### Cleaning play

To start cleaning, simply insert the Flisy 2 hose into the inlet valve.

The system will start immediately, without the need to do any further work.

### Pause the cleaning

With Flisy 2, simply press the rubber button in the center of the handgrip to stop or restart vacuuming.

An added comfort to be able to better manage your centralized vacuum cleaner system.

### Pit stop for changing accessories

The convenience of Flisy 2 allows you to quickly change brushes and cleaning accessories, simply by switching off the system from the button.

Everything is always at hand, for vacuuming from ceiling to floor.

### Able to run any marathon

Flisy 2's rechargeable lithium-ion batteries have an almost infinite lifespan. The system only uses energy when you press the button to switch it on and off.

After many clean sessions, it will only need a quick recharge by plugging into a simple USB inlet.

It is recommended not to leave the hose plugged into the vacuum socket when not in use so as to avoid lowering the batteries.

## 2 Technical characteristics

### Transmitter module

1. Embossed grip cover
2. Digital card transmitter module
3. Flisy 2 plastic handgrip
4. Rubber on/off led crystal button
5. Battery holder
6. CR2032 Battery
 

Vdc	3 V 210 mA
Vdc min	2.6 V dc
In	700 µA
7. Reinforcement ribs
8. Pressure regulator

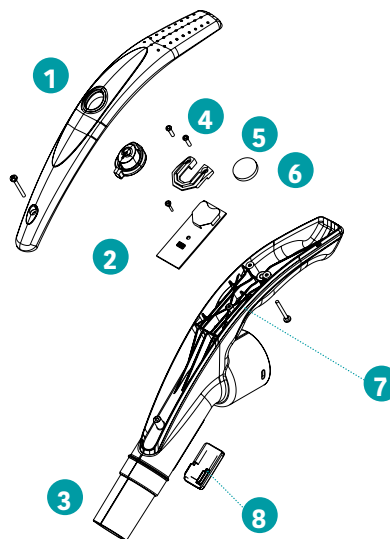
### Receiver module

9. Embossed cover inlet pipe connection
10. Digital card receiver module
11. Mhz 433.92
12. Po-ly rechargeable lithium battery
 

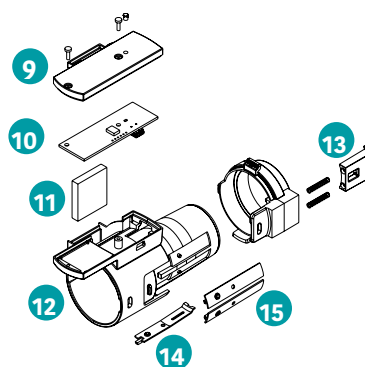
Vdc	400mAh 3.7V
Vdc min	3.2 V dc
I-max	22 mA (~30h)
I-sniff	11 mA (~ 60h)
I-sleep	0,004 mA
14. Flisy 2 inlet hose connection
15. Positioning cursor
16. Receiver module activation contact
17. Micro line contact

Flisy 2 includes the mini-usb cable for charging the lithium battery, the necessary equipment to connect the fittings to the hose, and is compatible with all Sistem Air cleaning accessories.

Handgrip - transmitter module



Inlet pipe connection - receiver module

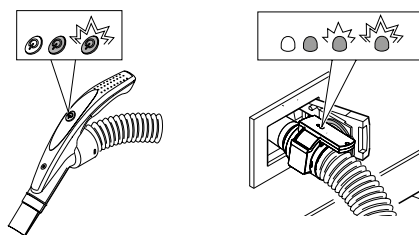


## 3 Easy communication

### LED signalling

Flisy 2 is equipped with an intelligent LED communication system that assists the user by warning him or her when the battery needs recharging.

Even with a completely discharged battery it is possible to use the vacuum cleaner.



## 4

### Distinctive features

#### Universality

The system is compatible with all central vacuum cleaner systems as the receiver start contact is normally open

#### No need for Wi-Fi network

Flisy 2 operates a radio-frequency-based system between the transmitter module board and the receiver board, without using any external wireless connections.

#### It is the pipe that is wireless and not the suction unit

Sistem Air has designed Flisy 2 to always guarantee optimum coverage of the on/off signal. The wireless connection is guaranteed by the communication between the boards in the fittings and not by other elements in the system, such as the central vacuum cleaner, which may be outside the maximum coverage range.

#### Possibility of retrofitting

Flisy 2 can be integrated on any ø32 mm household hose at any time to benefit from wireless on/off. Simply order item 7039.10W, see page 121.

#### No interference

The command is transmitted at short range without disturbing other systems using radio signals so as not to cause any interference.

#### 360° rotatable fittings

To assist cleaning and avoid kinking of the hose, the Flisy 2 fittings rotate 360°, making the movements smooth and light.

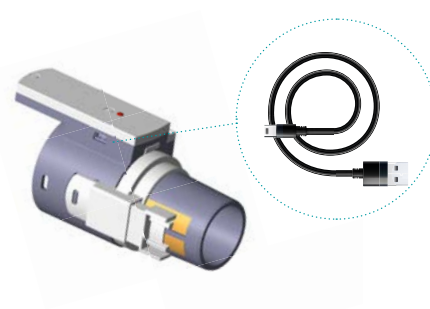
#### Rechargeable and energy-saving

The bistable relay allows reduced battery consumption in the fitting. The lithium battery is rechargeable with the supplied mini-usb.

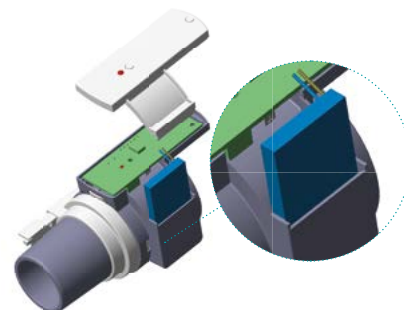
It is recommended not to leave the hose plugged into the vacuum outlet when not in use so as to avoid draining the batteries.



The connection is made through the electronic boards



Easy charging with mini-usb cable



Built-in rechargeable lithium battery

## 5

### Alone, combined or with cleaning kit

From a single handgrip to complete kits for perfect cleaning. Flisy 2 is available in different solutions to meet all requirements.



Flisy 2 fittings



Flexible hose Flisy 2



Flisy 2 cleaning kit



## System Tech Flisy 2



System Tech Flisy 2 **remotes the receiver to allow the central vacuum system to be switched on and off.** The system operates by radio frequency at 433.92 MHz and does not require batteries.

The technology developed by Sistem Air connects the transmitter located in the handgrip and the receiver located in a junction box. **System Tech Flisy 2 finds particular application with the Sense retractable tube system.**



Tutorial  
System Tech Flisy 2

### Distinctive features

#### Operation

The system consists of a handgrip with an integrated transmitter and a receiver board connected to one or more inlet valves.

If several receivers are required, one handgrip can be used for all cards.

#### Ideal with Sense

System Tech Flisy 2 brings wireless on/off control to the Sense retractable hose system in no time.

Simply place the receiver board inside the wiring compartment and you can immediately start enjoying the Flisy 2 wireless experience.

#### Up to 15 metres of coverage

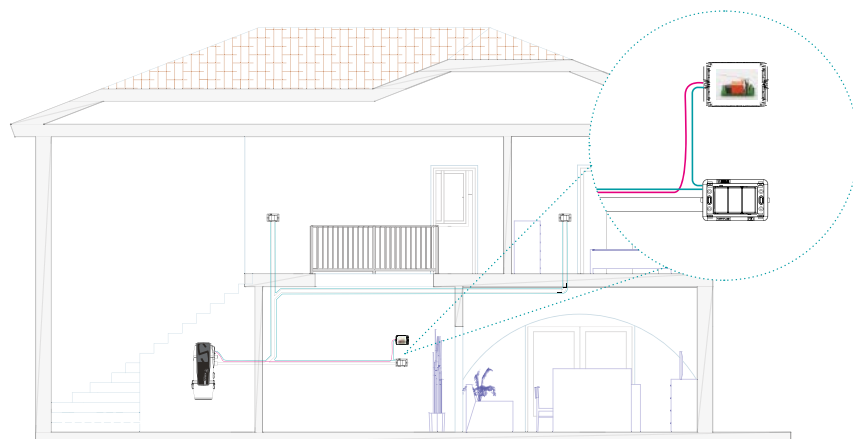
The signal emitted by the transmitter allows coverage of up to 15 metres within the home. This means that System tech Flisy 2 guarantees signal efficiency at all times.

For maximum reception, pay attention to elements that can shield the signal or reduce possible interference.

#### Degree of signal penetration through materials

Dry material	Penetration
Wood, plaster, plasterboard	Approx. 90%
Bricks, masonite panels	Approx. 70%
Reinforced concrete	Approx. 30%
Metals, metal grating, aluminium	Approx. 10%
Rain, snow	Approx. 0-40%

**Scheme legend**  
 Micro central vacuum system  
 Micro inlet valves line  
 Pipe net



#### Scope of use:

for installations with max. 1 user

Handle IP40	Wireless with remote receiver
Receiver IP00	

#### System Tech Flisy 2 is available in the following codes

7039.4W	System Tech Flisy 2 handgrip and receiver
3301.12	System Tech Flisy 2 receiver

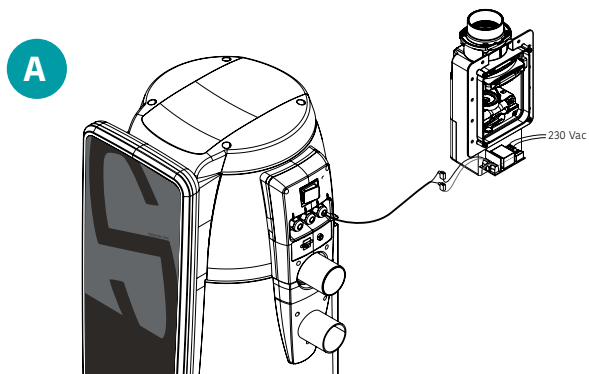


Receiver installed in the backplate of the Sense system

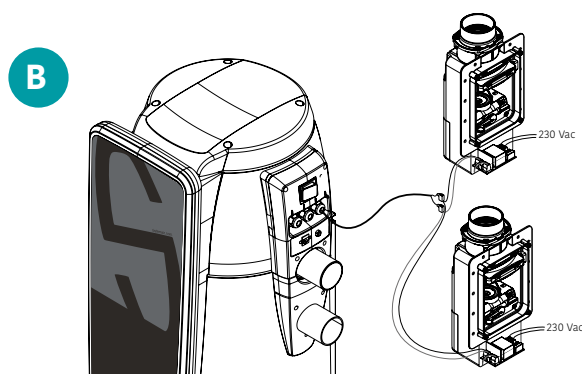


Standard inlet hose connection used with System Tech Flisy 2

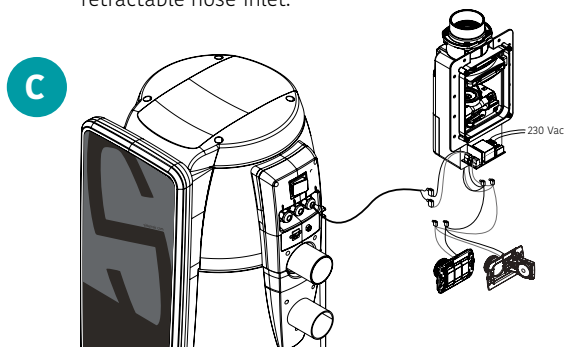
## Different installation options



System Tech Flisy 2 connection with a Sense retractable hose inlet.

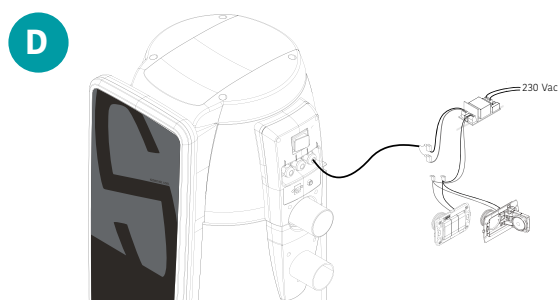


Connection of two receivers and a System Tech Flisy 2 handle on a multi-sense system.



System Tech Flisy 2 connection with mixed Sense/standard system\*.

\*Make sure that the distance between the receiver installed in the Sense compartment and the standard inlets is < 15m for correct signal reception. Alternatively, set up two receivers.



System Tech Flisy 2 connection with standard system.

### Transmitter module

1. Embossed grip cover
2. Digital card transmitter module
3. Flisy 2 plastic handgrip
4. Rubber on/off led crystal button
5. Battery holder
6. CR2032 battery
 

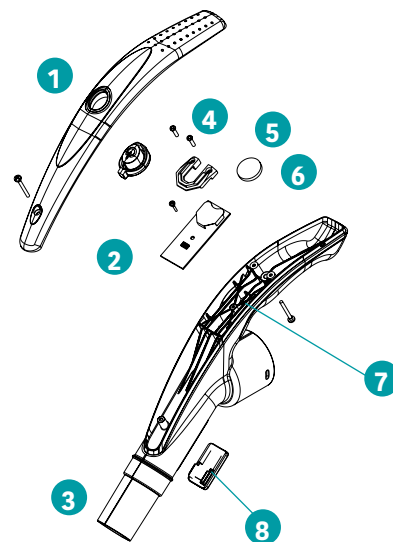
Vdc	3 V 210 mA
Vdc min	2.6 V dc
In	700 $\mu$ A
7. Reinforcement ribs
8. Pressure regulator

### Receiver

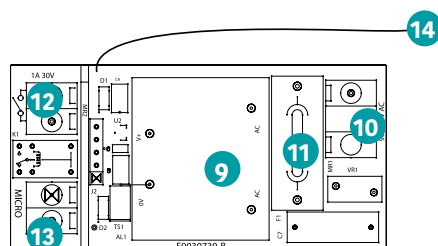
9. Receiver board
 

Mhz	433.92
Vac	110-230Vac
Vac min	90 V ac
Vac max	260 V ac
10. Connection for mains power supply
11. min 90 Vac - max 260 Vac
12. Protection fuse T1A delayed
13. Connection for suction activation and inlets without Flisy 2 handgrip control
14. Connection for inlet with Flisy 2 handgrip control
15. RF antenna

### Handgrip - transmitter module



### Electronic Board - Receiver



# Cleaning accessories

Sistem Air cleaning accessories offer a complete range to meet all cleaning needs. The high build quality and universality with all central vacuum cleaner systems make it an exclusive and sought-after product.



## Professional anti-torsion hoses

Ultra-resistant and non-deformable. Ready for anything



## Ergonomic handgrip

Relieve the weight of the hose on the ground



## Hose protection

Made of antistatic and washable cotton and polyester

## Flexible Hoses



### Wireless on/off hose Flisy 2

Packaging 1 piece



art. 7037.7W - 7 m hose

art. 7037.9W - 9 m hose

Hose with wireless ignition



### Loose flexible hose

Packaging 1 piece



art. 7037.7 - 7 m hose

art. 7037.9 - 9 m hose

art. 7037.18 - 18 m hose

Hose without fittings



### Sense flexible hose

Packaging 1 piece



art. 7237.9 - 9 m hose

art. 7237.12 - 12 m hose

art. 7037.15 - 15 m hose

Sense Retractable Hose



### Flexible hose with protection

Packaging 1 piece



art. 7237.9P - length 9 m

art. 7237.12P - length 12 m

art. 7237.15P - length 15 m



### Hose protection mélange

Packaging 1 piece



art. 7037.1 - 7 m hose

art. 7037.4 - 9 m hose

Hose cover



Assembly tutorial  
hose cover

## Extensions



### Rigid extension

Packaging 1 piece



art. 7040.0 - Chromed

Standard cleaning stick



### Telescopic extension

Packaging 1 piece



art. 7040.1 - Chromed

Stick adjustable in length



### Basic extension

Packaging 1 piece



art. 7040.2 - Plastic

Basic cleaning stick

## Handles



### Curved fitting

Packaging 1 piece

- ☐ **art. 7039.0** - Chromed  
With pressure regulator



### Ergonomic curved handgrip

Packaging 1 piece

- ☐ **art. 7039.1** - Plastic  
With pressure regulator



### Flisy 2 on/off handgrip

Packaging 1 piece

- ☐ **art. 7039.10W** - Wireless  
On/off wireless system



### System tech Flisy 2

Packaging 1 piece

- ☐ **art. 7039.4W** - Wireless  
On/off system with remote receiver



### System Tech Flisy 2\* Receiver\*

Packaging 1 piece

- ☒ **art. 3301.12** - Wireless receiver

\*If more than one receiver is to be installed, only one handgrip can also be used.



### Sense curved handgrip

Packaging 1 piece

- ☐ **art. 7039.5** - Plastic  
For Sense retractable tube

## Raccordi



### Inlet pipe connection

Packaging 1 piece

- ☐ **art. 7038.0M** - with metal ring  
For standard ignition



### Extension for flexible hose

Packaging 1 piece

- ☒ **art. 7048.0** - Rubber  
For joining two hoses together



### Security object retainer

Packaging 1 piece

- ☒ **art. 7040.5** - Plastic  
Prevents accidental suction

## Porta accessori



### Mini accessory holder hook

Packaging 1 piece

- ☒ **art. 7041.1** - for wall hanging  
For hose and 4 accessories

Height	mm	317
Width	mm	80
Depth	mm	140



### Maxi accessory holder

Packaging 1 piece

- ☒ **art. 7041.0** - for wall hanging  
For hose and 10 accessories

Height	mm	595
Width	mm	330
Depth	mm	215



### Maxi accessory holder

Packaging 1 piece

- ☒ **art. 7041.2** - con ruote  
For hose and accessories

Height	mm	1090
Width	mm	580
Depth	mm	780

## Sistem Air customer care contacts

Mail [info@sistemair.it](mailto:info@sistemair.it)

Tel +39 0381 650082

WhatsApp +39 340 4090146

## Natural Trendy Brushes

The Natural Trendy line is the quintessential cleaning tool. Premium quality brushes and accessories for those who don't want to compromise.



Pure White color

Leaves no trace: protects furniture and fine materials



Natural bristles

Careful with surfaces, durable over time



No stress

Professional joints support movement



### Floor and carpet brush

Packaging 1 piece

○ art. 7736.0 - width 36 cm

Brush with joint and bumper guard



### Clothes brush

Packaging 1 piece

○ art. 7742.0

Long natural bristle brush for clothes



### Parquet brush

Packaging 1 piece

○ art. 7735.0 - width 30 cm

Brush with joint and polishing felt bottom



### Dusting brush

Packaging 1 piece

○ art. 7743.0

Triangular brush with natural bristles



### Floor brush

Packaging 1 piece

○ art. 7747.1 - width 30 cm

Brush with joint and natural bristles



### Radiator brush

Packaging 1 piece

○ art. 7746.0

For use in conjunction with art. 7045.0



### Mattress and upholstery brush

Packaging 1 piece

○ art. 7744.0

Brush without bristles for regular surfaces



### Corner nozzle

Packaging 1 piece

○ art. 7745.0

Fine nozzle for suctioning in difficult places

# Standard brushes

Brushes from the standard line offer a specific solution to every cleaning need, completing the Sistem Air accessory catalogue.



## Open Space Brush

Packaging 1 piece

- art. 7047.0 - width 37 cm

For large areas



## Brush for liquids

Packaging 1 piece

- art. 7033.1- width 30 cm

With rubber spatula



## Turbo carpet beater brush

Packaging 1 piece

- art. 7034.0 - width 28 cm

With Turbo Technology. Does not require batteries



## Pipe and beam brush

Packaging 1 piece

- art. 7033.2

Elbow with bristles



## 180° Brush

Packaging 1 piece

- art. 7047.9 - width 30 cm

With 180° joint



## Turbo brush

Packaging 1 piece

- art. 7033.3 - width 16 cm

With Turbo Technology. Does not require batteries



## Pet brush

Packaging 1 piece

- art. 7049.0

Bridle type with soft synthetic bristles

## Sistem Air customer care contacts

Mail [info@sistemair.it](mailto:info@sistemair.it)

Tel +39 0381 650082

WhatsApp +39 340 4090146

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# Flisy 2 on/off cleaning kit



**WIRELESS FLISY 2**

Flisy 2 wireless on/off cleaning kits allow **from the button on the handgrip to turn the vacuum on and off as needed.** Available in 5 designs, complete with brushes and accessories from the Natural Trendy line for cleaning any surface.



**Pure White color**

Leaves no trace: protects furniture and fine materials



**Natural bristles**

Careful with surfaces, durable over time



**No stress**

Professional joints pander to movements



## Basic Flisy 2 cleaning kit

- ☐ art. 7530.7W cleaning kit with 7m wireless on/off hose
- ☐ art. 7530.9W cleaning kit with 9m wireless on/off hose

The essential starter pack that includes a selection of Natural accessories and the Flisy 2 wireless on/off handgrip.

The kit contains

- |                        |                                  |
|------------------------|----------------------------------|
| 1. Flisy 2 on/off hose | 4. Natural corner lance          |
| 2. Mini accessory hook | 5. Natural dusting brush         |
| 3. Natural floor brush | 6. Chrome-plated rigid extension |



## Smart Flisy 2 cleaning kit

- ☐ art. 7532.7W cleaning kit with 7m wireless on/off hose
- ☐ art. 7532.9W cleaning kit with 9m wireless on/off hose

Smart sets the standard for cleaning: Natural accessories for vacuuming different types of surfaces and the wireless on/off Flisy 2.

The kit contains

- |                               |                                  |
|-------------------------------|----------------------------------|
| 1. Flisy 2 on/off hose        | 6. Mattress-carpet brush Natural |
| 2. Maxi accessory basket      | 7. Natural clothes brush         |
| 3. Natural floor-carpet brush | 8. Object-holding accessory      |
| 4. Natural corner lance       | 9. Chrome-plated rigid extension |
| 5. Natural dusting brush      |                                  |



## Deluxe Flisy 2 cleaning kit

- ☒ art. 7531.9W cleaning kit with 9m wireless on/off hose















The right choice for those who always demand the best. Includes the best of Natural accessories and the Flisy 2 wireless on/off.

The kit contains

- |                               |                                   |
|-------------------------------|-----------------------------------|
| 1. Flisy 2 on/off hose        | 7. Radiator brush Natural         |
| 2. Mélange hose protection    | 8. Mattress-carpet brush Natural  |
| 3. Maxi accessory holder      | 9. Natural clothes brush          |
| 4. Floor brush Natural        | 10. Natural corner nozzle         |
| 5. Floor-carpet brush Natural | 11. Chrome-plated rigid extension |
| 6. Dusting brush Natural      |                                   |

# Choice and comparison table

All Flisy 2 cleaning kits summarized in a handy comparison table to simplify the choice among the variants available in the catalog.

		BASIC	SMART	DELUXE
		<b>7530.7W</b> hose 7 m	<b>7532.7W</b> hose 7 m	-
		<b>7530.9W</b> hose 9 m	<b>7532.9W</b> hose 9 m	<b>7531.9W</b> hose 9 m
	7/9 m Flisy 2 on/off hose	✓	✓	✓
	Mini accessory holder hook for 4 pcs	✓	-	-
	Maxi accessory holder basket for 10 pcs	-	✓	✓
	Brush with bristles for dusting Natural	✓	✓	✓
	Natural corner nozzle	✓	✓	✓
	Chrome-plated rigid extension cord	✓	✓	-
	Natural floor brush	✓	-	✓
	Floor and carpet brush Natural	-	✓	✓
	Natural clothes brush with bristles	-	✓	✓
	Mattress and upholstery brush Natural	-	✓	✓
	Safety object catcher accessory	-	✓	-
	Telescopic chrome extension cord	-	-	✓
	Radiator brush Natural	-	-	✓
	Mélange hose protection	-	-	✓

## Sistem Air customer care contacts

Mail [info@sistemair.it](mailto:info@sistemair.it)

Tel +39 0381 650082

WhatsApp +39 340 4090146

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BRUSHES CATALOG



## Standard cleaning kits



STANDARD

Standard cleaning kits **use traditional type on/off**, via the metal fitting to be inserted into the inlet valves. Available in 5 versions, complete with brushes and accessories from the Natural line for cleaning any surface.



Pure White color

Leaves no trace: protects furniture and fine materials



Natural bristles

Gentle with surfaces, durable over time



No stress

Professional joints accommodate movement



### Basic cleaning kits

- ☐ art. 7530.7 cleaning kit with 7m standard hose
- ☐ art. 7530.9 cleaning kit with 9m standard hose

The entry level that includes a selection of essential cleaning accessories from the Natural line.

#### The kit contains

- |                               |                                  |
|-------------------------------|----------------------------------|
| 1. Standard hose and fittings | 4. Natural corner snooze         |
| 2. Mini accessory hook        | 5. Natural dusting brush         |
| 3. Natural floor brush        | 6. Chrome-plated rigid extension |



### Smart cleaning kits

- ☐ art. 7532.7 cleaning kit with 7m standard hose
- ☐ art. 7532.9 cleaning kit with 9m standard hose

A versatile solution that offers the most popular accessories in the Natural series.

#### The kit contains

- |                               |                                  |
|-------------------------------|----------------------------------|
| 1. Standard hose and fittings | 6. Mattress-carpet brush Natural |
| 2. Maxi accessory holder      | 7. Natural clothes brush         |
| 3. Natural floor-carpet brush | 8. Object-holding accessory      |
| 4. Natural corner lance       | 9. Chrome-plated rigid extension |
| 5. Natural dusting brush      |                                  |



### Deluxe cleaning kitss

- ☐ art. 7531.9 cleaning kit with standard 9m hose















The ultimate in cleaning kits. In Deluxe there is a wide range of Natural accessories for every need.

#### The kit contains

- |                               |                                   |
|-------------------------------|-----------------------------------|
| 1. Hose standard fittings     | 7. Radiator brush Natural         |
| 2. Mélange hose protection    | 8. Mattress-carpet brush Natural  |
| 3. Maxi accessory holder      | 9. Natural clothes brush          |
| 4. Floor brush Natural        | 10. Natural corner snooze         |
| 5. Floor-carpet brush Natural | 11. Chrome-plated rigid extension |
| 6. Dusting brush Natural      |                                   |

# Choice and comparison table

All **Standard cleaning kits** summarized in a handy comparison table to simplify the choice among the variants available in the catalog.

		BASIC	SMART	DELUXE
		<b>7530.7</b> hose 7 m	<b>7532.7</b> hose 7 m	-
		<b>7530.9</b> hose 9 m	<b>7532.9</b> hose 9 m	<b>7531.9</b> hose 9 m
	Standard 7/9 m hose	✓	✓	✓* *Con raccordo curvo cromato
	Mini accessory holder hook for 4 pcs	✓	-	-
	Maxi accessory holder for 10 pcs	-	✓	✓
	Brush with bristles for dusting Natural	✓	✓	✓
	Natural corner nozzle	✓	✓	✓
	Chrome-plated rigid extension	✓	✓	-
	Natural floor brush	✓	-	✓
	Floor and carpet brush Natural	-	✓	✓
	Natural clothes brush with bristles	-	✓	✓
	Mattress and upholstery brush Natural	-	✓	✓
	Safety object catcher accessory	-	✓	-
	Telescopic chrome extension	-	-	✓
	Radiator brush Natural	-	-	✓
	Mélange hose protection	-	-	✓

## Sistem Air customer care contacts

Mail [info@sistemair.it](mailto:info@sistemair.it)

Tel +39 0381 650082

WhatsApp +39 340 4090146

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## Liquid and ash separators

In order to preserve the efficiency of the plant, if it becomes necessary to suck in liquids or cold ash, it is indispensable to use special separators. They are used as needed and connect directly to the plant's inlet valve.

### Liquid separator

It consists of a special floating mechanism that separates liquids and dust, leaving the central vacuum cleaner dry.

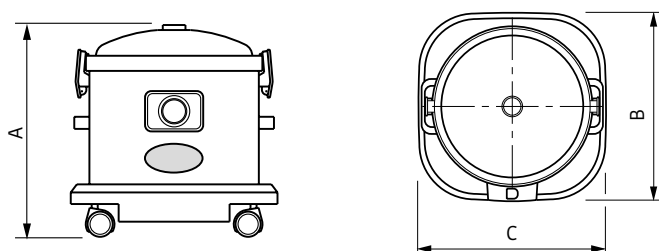
It allows suction of up to 20 l of liquids and comes complete with a brush with rubber bristles and a hose to be inserted into the suction inlet valves.

To vacuum liquids, connect the Ø 32 mm hose in use for cleaning operations to the separator.

#### Liquid separator with brush

Packaging 1 piece

art. 7033.0



#### MODEL

#### Liquid separator

#### ARTICLE

7033.0

Capacity	l	20
Measurement A	mm	410
Measurement B	mm	410
Measurement C	mm	410
Brush with rubber bristles		✓
System connection hose		✓
Material		Polypropylene

### Ash separator

Ashes pose a danger to the central vacuum cleaner motor, so the special stainless steel separator equipped with a special REI 60 filter (must be used for cleaning stoves, chimneys and boilers. The ashes sucked in must be cold.

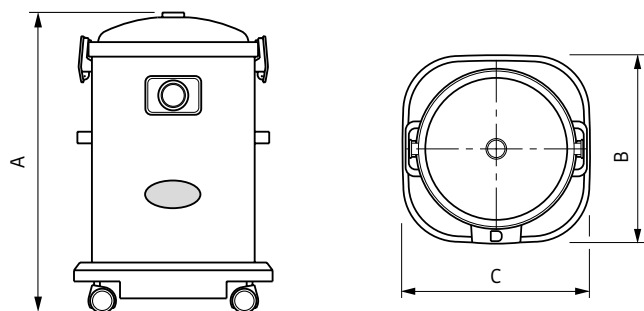
The capacity of the separator is 36 l and comes complete with hose to be inserted into the suction inlet valves.

To vacuum the ashes, connect the Ø 32 mm hose in use for cleaning operations to the separator.

#### Ash separator

Packaging 1 piece

art. 7033.7



#### MODEL

#### Ash separator

#### ARTICLE

7033.7

Capacity	l	36
Measurement A	mm	610
Measurement B	mm	410
Measurement C	mm	410
System connection hose		✓
Filtration class		REI 60
Material		Stainless steel

# Spare parts

Original Sistem Air spare parts ensure the efficiency of the central vacuum cleaner system. Proper use as well as scheduled replacement according to recommended maintenance intervals ensure maximum performance.

## Filters

Sistem Air recommends replacing the filter cartridge every 2 years.



Aluminum fiber filter

- art. 1610.0R  
For central vacuum cleaners  
Tecno R-evolution  
Tecno Prime



Standard filter

- art. 1610.0  
For central vacuum cleaners  
Tecno Evox  
Tecno Style  
Tecno Activa  
Tecno Evolution  
Linea Color  
SA5



Bianca line filter

- art. 1610.1  
For central vacuum cleaners  
SA200  
SA300  
SA400



Mini line filter

- art. 1610.5  
For central vacuum cleaners  
Tecno Style Mini  
Mini Tecno Activa  
Mini Tecno Evolution  
Silent Mini



Filter SA7

- art. 1610.6  
For central vacuum cleaners  
SA7



Tecno Star filter

- art. 1610.7  
For central vacuum cleaners  
Tecno Star Dual Power  
Tecno Star



Compact line filter

- art. 1610.9  
For central vacuum cleaners  
Wolly 2  
Wolly  
T-Box  
T-Smart



Micro Filter

- art. 1610.15  
For central vacuum cleaners  
Sistem Cube



Filter for ash separator

- art. 1610.10  
For  
Ash separator



### Bags

Sistem Air recommends periodic bag replacement and proper disposal.



#### 36-liter bags

Packaging 20 pieces

- ☐ **art. 1614.0**  
For central vacuum cleaners  
SA200  
SA300  
SA400



#### 20-liter bags

Packaging 20 pieces

- ☒ **art. 1614.1**  
For central vacuum cleaners  
Linea Color  
Linea Bianca



#### Tecno Star Bags

Packaging 20 pieces

- ☐ **art. 1614.2**  
For central vacuum cleaners  
Tecno Star Dual Power  
Tecno Star



#### Bags with tightener

Packaging 10 pieces

- ☒ ☐ **art. 1614.4**  
For central vacuum cleaners  
Universal\*  
  
\*except Wolly, Tecno Star, T-Box, Sistem Cube lines and the separators



#### Bi-Vac bags

Packaging 5 pieces

- ☐ **art. 1614.5**  
For central vacuum cleaners  
Tecno Prime  
Tecno R-evolution  
T-Smart



#### Cube bags

Packaging 10 pieces

- ☒ **art. 1614.15**  
For central vacuum cleaners  
Sistem Cube



#### Wolly Bags

Packaging 10 pieces

- ☐ **art. 8220.0**  
For central vacuum cleaners  
Wolly 2  
Wolly



#### T-Box bags

Packaging 10 pieces

- ☐ **art. 8220.1**  
For central vacuum cleaners  
T-Box



#### Jolly bags

Packaging 5 pieces

- ☐ **art. 8402.0**  
For central vacuum cleaners  
Jolly People  
Jolly Contact

## Sistem Air customer care contacts

Mail [info@sistemair.it](mailto:info@sistemair.it)

Tel +39 0381 650082

WhatsApp +39 340 4090146



Scan the QR to send  
a WhatsApp

## Spare parts table

The following are part number of spare parts for the central vacuum cleaners in this catalog with the exception of motors, electronic boards, and carbon brushes, for which you should contact Sistem Air Customer Care.

		Filter	Bags	Silencer	Electronic board	Motor	Brushes
TECNO PRIME	3110.2TPR	1610.0R	1614.5	110001	Contact Customer Care Sistem Air		
	3112.2TPR	1610.0R	1614.5	110001			
	3113.3TPR	1610.0R	1614.5	110001			
	3115.3TPR	1610.0R	1614.5	110001			
TECNO EVOX	3110.1TEV	1610.0	1614.4	110001			
	3112.1TEV	1610.0	1614.4	110001			
	3113.3TEV	1610.0	1614.4	110001			
	3115.3TEV	1610.0	1614.4	110001			
STYLE MINI	3116.2TS	1610.5	1614.4	110001			
TECNO STAR	3107.1TER	1610.7	1614.2	110002			
WOLLY 2	8201.0	1610.9	8220.0	-			
	8201.1	1610.9	8220.0	-			
SISTEM CUBE	8300.0	1610.15	1614.15	-			

To locate spare parts for central vacuum cleaner models from the previous generations to this catalog, please contact Sistem Air's Customer Care.

# Product Registration

Every Sistem Air product is made from high-quality materials that make it an extremely reliable product. For those who choose to benefit from a Sistem Air central Hoover system, there are only advantages.

The entire Sistem Air range is covered by a legal warranty for up to 2 years from the date of installation. The warranty is only valid if the products have not been altered or tampered with for the duration of the cover. Damage resulting from tampering or neglect will not be recognised.

On the website [sistemair.com](http://sistemair.com) in the Warranty section you can register your purchased product free of charge and thus access a series of benefits reserved for Sistem Air customers.



Scan the QR and register  
your Sistem Air product

# T-Warranty

T-Warranty is a 6-year kasko warranty extension for all domestic, professional and industrial central vacuum cleaners. The purchase must be substantiated by a fiscally valid document identifying the product on which T-Warranty is to be activated and the date of installation.

It covers all parts of the central vacuum cleaner, excluding filters and replacement bags. Sistem Air is responsible for the components to be replaced or repaired. Transport and labour costs are excluded.

To make use of the T-Warranty it is necessary to contact Sistem Air, authorised technical personnel such as CAT (technical assistance centres), or directly the supplier.

Damage caused by carelessness, negligence or tampering will not be covered by the warranty.

To activate T-Warranty it is necessary to purchase the warranty extension and register it on the website [sistemair.it](http://sistemair.it) in the Warranty section, entering the unique serial number in the T-Warranty envelope and the required data of the central vacuum cleaner with proof of purchase.

The warranty starts from the moment it is registered and is valid for 6 years.



## T-Warranty

● art. DOC000688 - Central vacuum cleaner warranty



Scan the QR and register  
the T-Warranty



## FREQUENT QUESTIONS

---

### **What is special about a central vacuum system compared to household appliance?**

The central vacuum system expels the vacuumed pollutants outside without letting them flow back in..

Give a try: put your hand behind an appliance to feel the warm breath of the exhaust. That air is full of micro-dust that goes right back to where you just cleaned, but also where you breathe and live your most precious moments.

### **Some advertisements for vacuum appliances say that the filter blocks over 99% of pollutants, can I be sure of this?**

Absolutely not, these are fake news. The filter is not a plug, and to perform its function it must let air pass through. If it retained all the dust, it would not even suck up a crumb.

### **Do I have to put an inlet valve in every room?**

No, an inlet valve cleans approximately 35 m<sup>2</sup> of floor space. Just place them in strategic spots for optimal coverage.

### **Why should I choose it over a portable vacuum cleaner or robot?**

It is the only system in the world that expels mites and allergens out of rooms.

It is powerful, energy-saving, very low maintenance and, once done, lasts forever.

### **Is it only suitable for luxury or large houses? Is it very expensive?**

Let's not talk nonsense! Even the smallest studio apartment is entitled to a healthy level of cleanliness. Prices vary depending on the surface of the property, but are similar to a high-end appliance.

### **Can it be clogged?**

No, what passes through the small pipe slips away in the big one. The cleaning hose is 3 cm in diameter while the pipe network is a good 5 cm!

### **I have irritable neighbours and I don't want to cause trouble: do they risk finding their balcony full of dust?**

No, only filtered air comes out of the exhaust pipe. The micro-dust, invisible to the naked eye, disperses into the atmosphere without causing any nuisance.

### **Where does the dirt go?**

In the dust container of the central vacuum cleaner, which is emptied approximately twice a year.

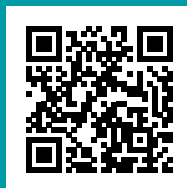
### **Will I have to clean the pipes?**

You will never have to worry about cleaning the pipes because the vacuumed air creates a cyclone that keeps the dirt in the centre, avoiding sediments.

# MAG

by Sistem Air

On the website you will find a blog  
to read with news and updates  
dedicated to indoor air quality

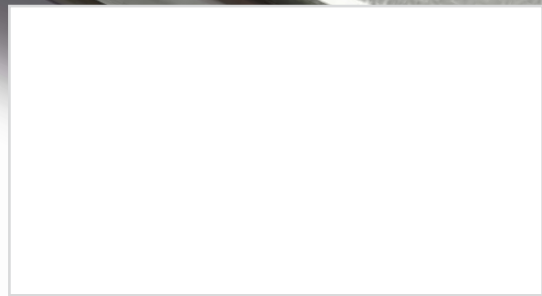






sistemair.com  
info@sistemair.it

tel. +39 0381.650082  
WhatsApp +39 340.4090146



**Sistem Air**  
since 1993 Group

27020 Gravellona Lomellina (PV) ITALY  
Via Cilavegna, 53  
Tel. + 39 0381 650082 - WhatsApp +39 340 4090146  
[info@sistemair.it](mailto:info@sistemair.it)

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