SISTEM-AIR
SINCE 1993
CENTRAL VACUUM SYSTEMS
By Tecnoplus s.r.l.

sistemair.com

# INSTALLATION ACCESSORIES

# CATALOGUE 2019

CENTRAL VACUUM SYSTEMS

Sistem Air

since 1993 Group

sistemair.com

# QUALITY MATERIALS

## ALL YOU NEED

**NOTIONS**
correct installation principles

1

**MATERIAL**
pipes, mounting plates and installatios kits

2

**EQUIPMENT**
tools to realize the perfect installation

3

Certified quality

PVC piping (non plastic polyvinyl chloride, PVC-U), 50 mm Ø - 2,2 mm tickness for air vacuum, self-extinguishing piping, cat. 1 according to material (classification according to the Ministerial Decree 26.06.1984 based on ISO 1182, UNI 8457 test methods.
Grey colour.
Compliance with legislation based on ex UNI 7443:1985 + F.A. 178:1987
P.I.I.P. certification issued by the Italian Institute of Plastics. Applied compliance label: Piip/c 261.
Suitable for glued joints.

# FOR THE BEST RESULTS

## VACUUM INLETS AND ACCESSORIES

The attention that Sistem Air dedicates to all its products cannot fail with regard to accessories: they represent the final element of the system, which completes the global quality and contributes to increase the effectiveness of cleaning compared to traditional portable vacuum cleaners.
Each brush allows to obtain a deep cleaning, more lasting and with less effort: a small revolution that deserves to be branded Sistem Air.

**FLISY 2**
we have improved the perfection
1

**NATURAL TRENDY**
Better use, long lasting
2

**VIRTUS**
the strength of excellence with an impeccable design
3

# THE ACCESSORY FOR PROFESSIONALS

## ROLL FLEX MOTORIZED HOSE REEL

**ALWAYS READY TO USE**

1

**GREAT COVERAGE**

2

**PROFESSIONAL USE**

3

Roll Flex is the evolution of the traditional wall-mounted hose-reels with motorized system to roll up and down, it is robust and designed with mechanical and electrical components capable to resist to numerous cycles of use.

Automatic ON/OFF switching of the suction

Professional cleaning with a simple button!

Discover Roll Flex at page. 76

# INDEX

## VACUUM INLETS

**VACUUM INLETS**

Rectangular

Squared


- RECTANGULAR vacuum inlets — Page 9
- SQUARED vacuum inlets — Page 16
- DESIGN vacuum inlets — Page 17
- SPECIAL vacuum inlets — Page 19
- VACPAN vacuum inlets — Page 21
- FLEXIN system — Page 23


## INSTALLATION MATERIAL

**INSTALLATION MATERIAL**

- Installation basics — Page 33
- Mounting plates — Page 40
- Extension kit — Page 43
- Installation material — Page 45
- Installation Kit — Page 48
- Metal installation material — Page 50


## CLEANING KIT AND ACCESSORIES

**CLEANING KIT AND ACCESSORIES**

- Flisy 2 — Page 59
- System Tech Flisy — Page 63
- Complete accessories kit with Flisy — Page 68
- Complete accessories kit — Page 69
- Single accessories Ø 32 — Page 70
- Special separators — Page 74
- Single accessories Ø 40 — Page 75
- Motorised hose reel ROLL FLEX — Page 76


## EQUIPMENTS AND SYSTEMS

**EQUIPMENTS AND SYSTEMS**

- Equipments — Page 83
- Vacuum gauge — Page 84
- Electronic control systems — Page 85

A constantly updated range, in order to meet the technical and aesthetic requirements of customers who always expect the best, from a leading company.

# 01

# VACUUM INLETS


VIRTUS VACUUM INLETS 9

SQUARED VACUUM INLETS 16

DESIGN VACUUM INLETS 17

SPECIAL VACUUM INLETS 19

VACPAN 21

FLEXIN SYSTEM 23

# VIRTUS VACUUM INLETS

## VIRTUS THE STRENGTH OF EXCELLENCE

### RECTANGULAR VACUUM INLETS VIRTUS

Virtus inlets are the result of a project that has been developed entirely by Sistem Air: it developed a product with impeccable design, with high stress resistance, absolutely identical to the domestic series used for electrical installations.
Sistem Air vacuum inlets are available in different models, according to their use, and are able to satisfy different requirements: from domestic use, where aesthetics is the most important feature, to the professional area, that requires strength and functionality before design.

**BEAUTIFUL**
modern and attrac-
tive design
1

**COMPATIBLE**
it integrates perfectly
with the domestic series
2

**STRONG**
designed and built to be
indestructible
3

## FIDELITY OF THE IMAGE WITH THE ORIGINAL PRODUCT

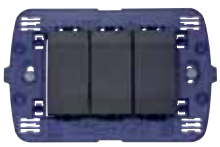
The Sistem Air vacuum inlets faithfully reprodece the shape, colors and finishes of the domestic series chosen for the electrical system, integrating perfectly with it. The result is of great harmony, and the models available are those of the main manufacturers on the market.

**art. 1561.0**

Virtus vacuum inlet for BTicino Living Light Inter-national

bticino

Support and keys Bticino Living Light anthracite



**art. 1569.0**

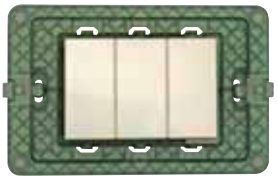
Virtus vacuum inlet for BTicino Matix white

bticino

Support and keys for Bticino Matix white

**art. 1553.3**

Virtus vacuum inlet for Vimar Plana Silver model



VIMAR

Support and keys Vimar Plana Silver

**art. 1543.0**

Virtus vacuum inlet for Simon Urmet Nea Anthracite

simon urmet

Urmet Nea Antracite support and keys

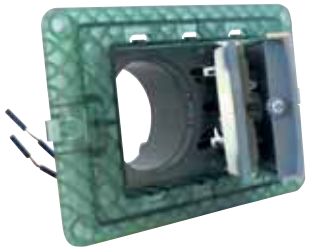
# VIRTUS INLETS

## DISTINCTIVE FEATURES OF THE PRODUCT

### 1 - Ergonomic opening, perfect sealing

The ergonomic tilting door is designed to **minimize the effort when opening the inlet**, thanks to a natural and effortless movement.

The door return spring and the new gasket allow a firm closure, **ensuring the tightness of the system** both when it is off and when one of the other vacuum inlets is used.



### 2 - Decorative frames always in place

The supports for fixing the aesthetic frames are identical to those of the original manufacturers, faithfully reproducing the connections: once the frame has been positioned, it will remain **perfectly fixed** on the support. This likeness is underlined by the color of the plastic materials used, which recalls that of the original support.

### 3 - Exceptional rigidity

The screws that fix the inlet body to the frame support give the assembly an **exceptional solidity**, which makes the inlet capable of endure the stresses caused by the insertion and removal of the flexible hose used for cleaning.

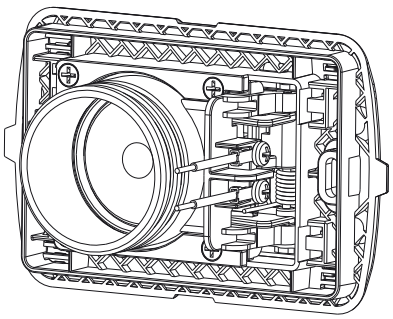
### 4 - Simplicity of installation

The Virtus inlet has also been designed to be installed with the **maximum simplicity**: the junction of the inlet body into the connector of the mounting plate has a **double housing for the sealing gasket**, so that it can be changed to always have the perfect seal even when the mounting plate is not fixed at the same level of the plaster, and it is necessary to use the specific extension kits (art. 1457.1 and 1450.8).

The electrical connection to the microswitch line coming from the vacuum unit is also simple, thanks to the cables equipped with wiring terminals.

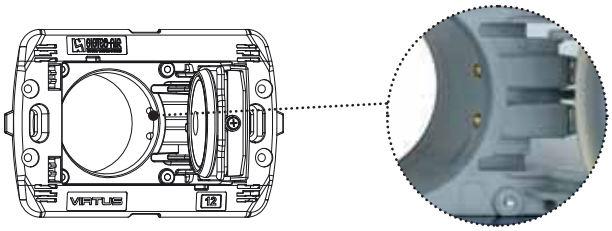
### 5 - Build quality

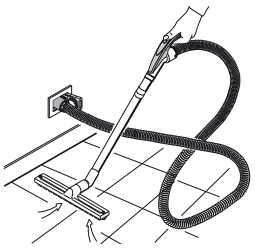
The materials chosen for the production and the careful assembly give the Sistem Air vacuum inlets an absolute quality, destined to remain unchanged over time.

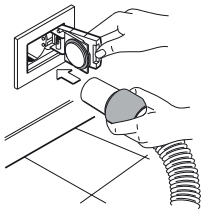


## 6 - Universal use

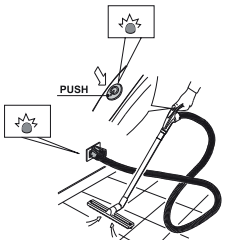
The Sistem Air vacuum inlets, thanks to the contacts present in the mouth of the inlet, can be used indifferently:

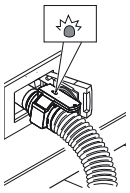


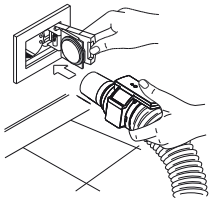




- **with standard cleaning hoses** (starting the suction when the hose is inserted into the inlet. This happens thanks to the metal ring on the inlet hose fitting);



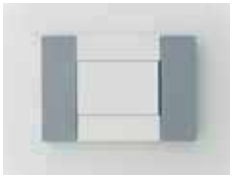





- **with ON-OFF type cleaning hoses** (suction start by means of a switch located on the handle of the hose).
  In particular, these inlets are suitable for use with the tube Wireless ON-OFF Flisy

## Free to choose your style

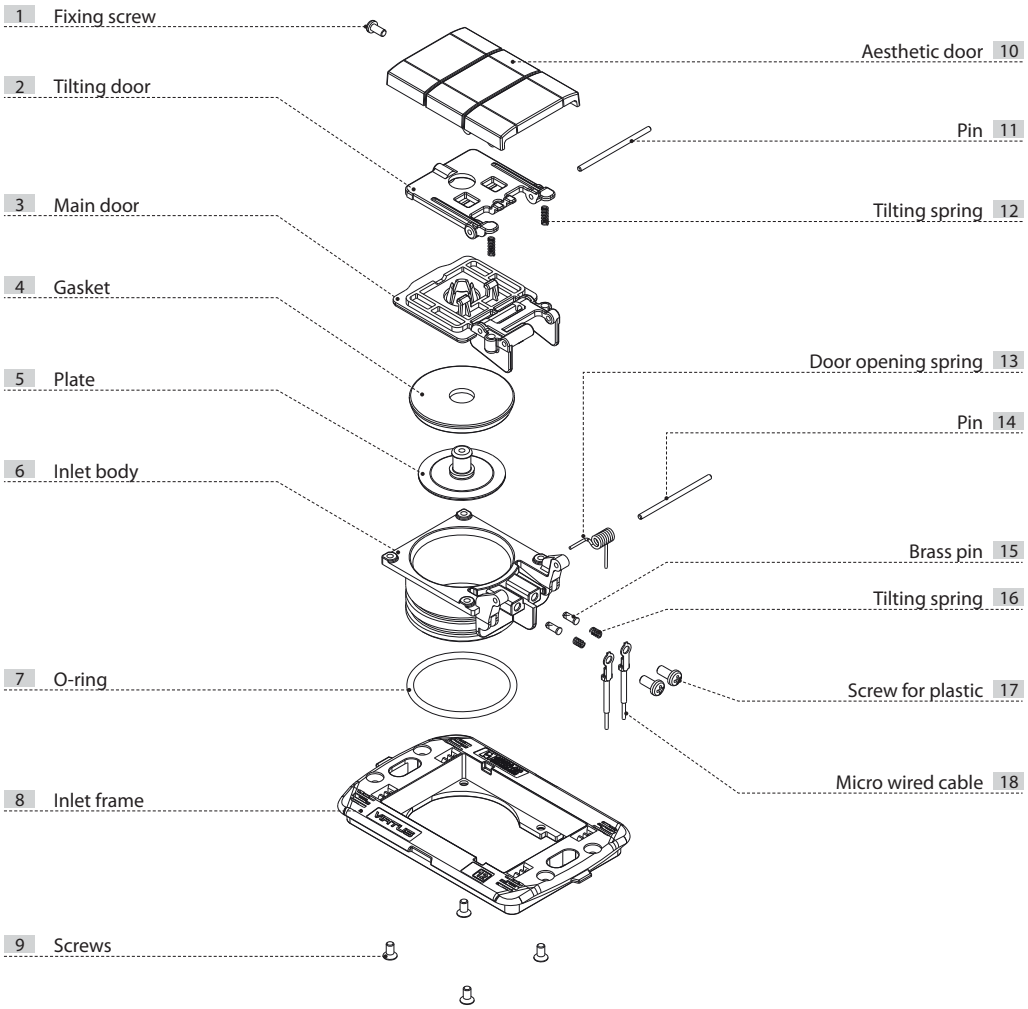
The Sistem Air vacuum inlets do not need to be hidden, because they become an element of interior design, like the other visible components of the electrical system.



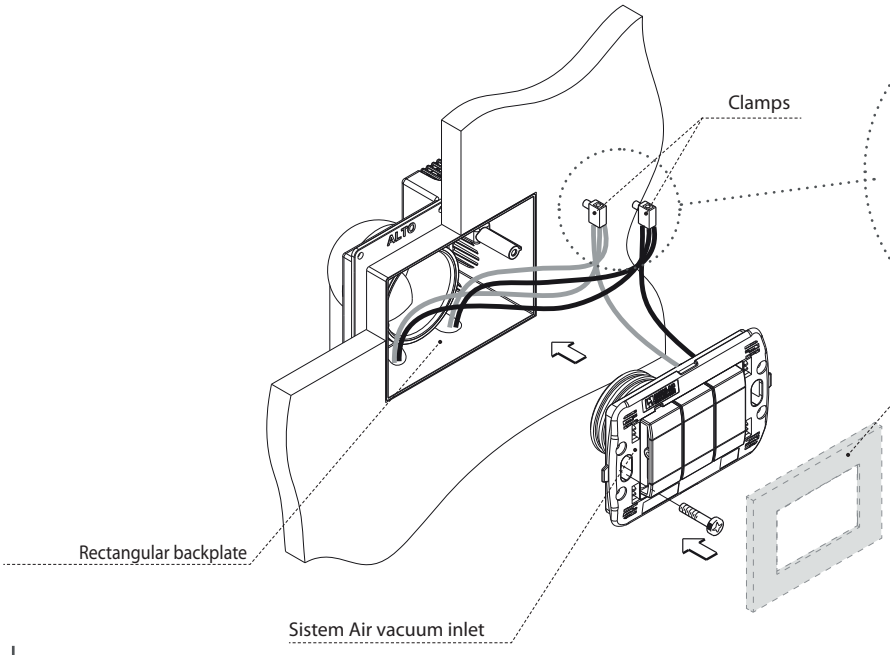
The fake aesthetic caps reflect the respective domestic series in every detail: not only in the shape of the fruits, but also in the colors and finishes. A perfect similarity that makes it possible to combine electrical switches and vacuum inlets without any "discordant note".

# VIRTUS INLETS

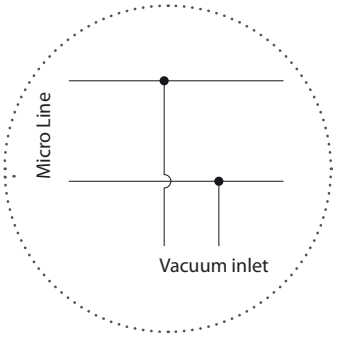
## EXPLODED VIEW VIRTUS VACUUM INLET




## VACUUM INLET FIXING




## ELECTRICAL CONNECTIONS

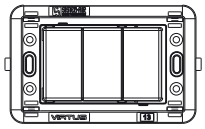



Decorative frame not supplied

# VIRTUS INLETS

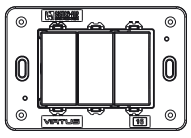
## SELECTION TABLE RECTANGULAR VACUUM INLETS

Sistem Air vacuum inlets are suitable for different installation and aesthetic requirements for every application.
Every vacuum inlet for rectangular backplates must be integrated with the finishing frame of the reference domestic series, while vacuum inlets for squared vacuum inlets have their aesthetic finishing, available in three different colors.



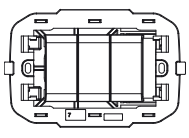
**DOMESTIC VACUUM INLETS MOD. BTICINO**

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1561.0** | Vacuum inlet mod. BTicino Living International | 10 |
| **1562.0** | Vacuum inlet mod. BTicino Living Light | 10 |
| **1564.0** | Vacuum inlet mod. BTicino Axolute white | 10 |
| **1565.0** | Vacuum inlet mod. BTicino Light tech | 10 |
| **1566.0** | Vacuum inlet mod. BTicino Axolute black | 10 |
| **1567.0** | Vacuum inlet mod. BTicino Axolute silver | 10 |
| **1568.0** | Vacuum inlet mod. BTicino Luna white | 20 |
| **1569.0** | Vacuum inlet mod. BTicino Matix | 10 |
| **1570.0** | Vacuum inlet mod. BTicino Air black | 10 |
| **1571.0** | Vacuum inlet mod. BTicino Air white | 10 |
| **1573.1** | Vacuum inlet mod. BTicino Axolute Air anthracite | 10 |
| **1573.2** | Vacuum inlet mod. BTicino Axolute Air white | 10 |
| **1573.3** | Vacuum inlet mod. BTicino Axolute Air tech | 10 |
| **1572.0** | Vacuum inlet mod. BTicino Air tech | 10 |
| **1573.4** | Vacuum inlet mod. BTicino Living NOW white | 10 |
| **1573.5** | Vacuum inlet mod. BTicino Living NOW black | 10 |
| **1573.6** | Vacuum inlet mod. BTicino Living NOW sand | 10 |



**DOMESTIC VACUUM INLETS MOD. VIMAR**

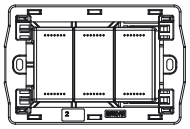
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1553.0** | Vacuum inlet mod. VIMAR Idea black | 10 |
| **1553.2** | Vacuum inlet mod. VIMAR Idea white | 10 |
| **1553.3** | Vacuum inlet mod. VIMAR Plana silver | 10 |
| **1553.4** | Vacuum inlet mod. VIMAR Plana white | 10 |
| **1553.5** | Vacuum inlet mod. VIMAR Next /Eikon Evo Next | 10 |
| **1558.0** | Vacuum inlet mod. VIMAR Eikon/ Eikon Evo | 10 |
| **1558.1** | Vacuum inlet mod. VIMAR Eikon/ Eikon Evo white | 10 |
| **1553.9** | Vacuum inlet mod. VIMAR Arkè anthracite | 10 |
| **1553.10** | Vacuum inlet mod. VIMAR Arkè white | 10 |



**DOMESTIC VACUUM INLETS MOD. GEWISS**

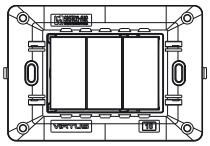
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1557.0** | Vacuum inlet mod. GEWISS Playbus | 20 |
| **1557.1** | Vacuum inlet mod. GEWISS Chorus white | 20 |
| **1557.2** | Vacuum inlet mod. GEWISS Chorus black | 20 |
| **1557.3** | Vacuum inlet mod. GEWISS Chorus titanio | 20 |

# VIRTUS INLETS



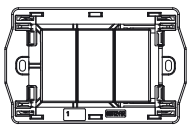
**DOMESTIC VACUUM INLETS MOD. AVE**

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1552.0** | Vacuum inlet mod. AVE Noir | 1 |
| **1563.0** | Vacuum inlet mod. AVE Blanc | 1 |
| **1563.1** | Vacuum inlet mod. AVE Ral | 1 |
| **1563.2** | Vacuum inlet mod. AVE Banquise white | 1 |
| **1563.3** | Vacuum inlet mod. AVE Touch black | 1 |
| **1563.4** | Vacuum inlet mod. AVE Touch white | 1 |
| **1563.5** | Vacuum inlet mod. AVE Life 44 black | 1 |
| **1563.6** | Vacuum inlet mod. AVE Domus 100 white | 1 |
| **1563.7** | Vacuum inlet mod. AVE Allumia S44 | 1 |
| **1563.8** | Vacuum inlet mod. AVE Touch Allumia gray | 1 |



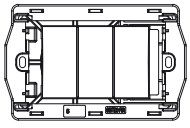
**DOMESTIC VACUUM INLETS MOD. SIMON URMET**

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1543.0** | Vacuum inlet mod. SIMON URMET Nea anthracite | 10 |
| **1543.1** | Vacuum inlet mod. SIMON URMET Nea white | 10 |
| **1543.2** | Vacuum inlet mod. SIMON URMET Nea dark steel | 10 |
| **1543.3** | Vacuum inlet mod. SIMON URMET Nea white ice | 10 |
| **1543.4** | Vacuum inlet mod. SIMON URMET Nea aluminium | 10 |



**DOMESTIC VACUUM INLETS MOD. LEGRAND**

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1551.3** | Vacuum inlet mod. LEGRAND Vela white | 1 |
| **1551.4** | Vacuum inlet mod. LEGRAND Vela black | 1 |



**DOMESTIC VACUUM INLETS MOD. ABB**

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1541.0** | Vacuum inlet mod. ABB elos | 1 |
| **1542.0** | Vacuum inlet mod. ABB light | 1 |
| **1542.1** | Vacuum inlet mod. ABB Mylos black | 1 |
| **1542.2** | Vacuum inlet mod. ABB Mylos white | 1 |

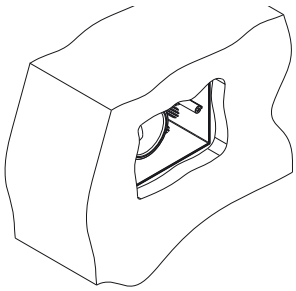
# EXTENSIONS FOR VACUUM INLETS

## INSTRUCTIONS FOR EXTENSION TOOLS

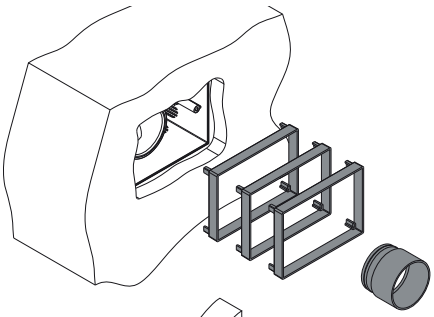
### 1 - art. 1450.8 Extension kit for backplate (art. 1450.0 e 1450.1)

The extension kit for rectangular backplate allows correction in situations where the backplate is set back from the edge of the plaster. With the extension sleeve, the seal is restored, while the three modular frames cover the masonry around the inlet, allowing the right positioning.
Extension kits can be combined up to the required size.

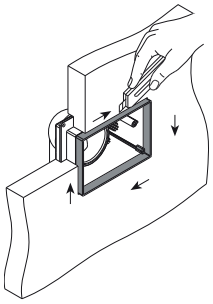
1



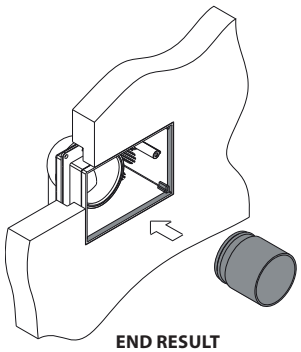
2



3



4



**END RESULT**

1 The backplate is walled back from the level of the wall and the masonry is uneven.

2 Use the extension frames (the appropriate quantity) to restore a regular surface for the inlet fixing.

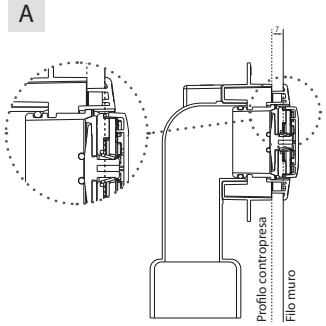
3 If necessary, trim the frame surplus.

4 Insert the extension sleeve by following the instructions below.

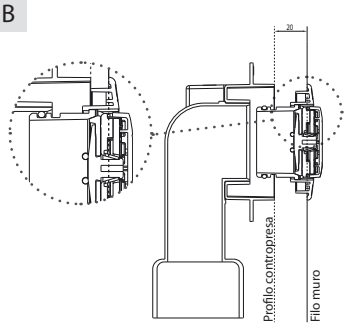
### 2 - art. 1457.1 Extension for all domestic vacuum inlets

The backplate extension can correct those particular situations where the backplate is set back from the edge of the plaster, but restoring the bearing surface of the vacuum inlet is not necessary (e.g. coating panels, furniture, etc.). Extensions allow the restoring of the seal, and can be combined up to the required size.

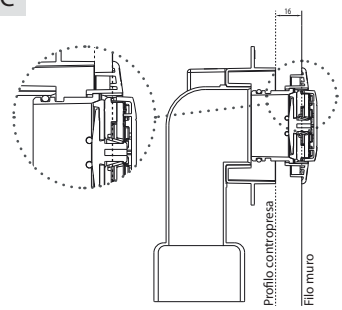
A




B




C

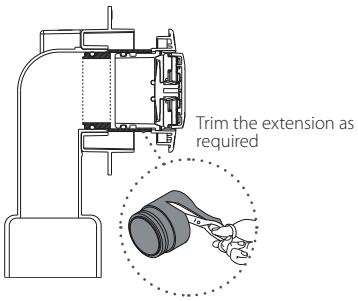



**A:** The backplate is set back from the edge of the plaster up to 7 mm:
EXTENSION IS NOT REQUIRED (ART. 1457.1)

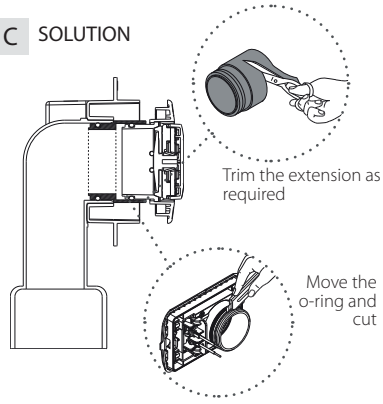
**B:** The backplate is set back from the edge of the plaster more than 16 mm:
EXTENSION IS REQUIRED (it can be shortened as necessary)

**C:** The backplate is set back from the edge of the plaster between 16-18 mm:
The vacuum inlet must be shortened, moving the o-ring on the internal position and using the extension (which can be shortened as necessary)

B SOLUTION

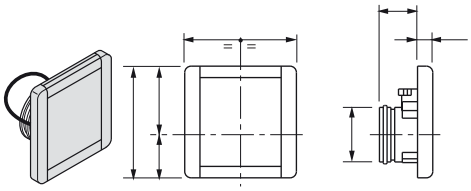



C SOLUTION



# SQUARE VACUUM INLETS

## SQUARE VACUUM INLETS



**VACUUM INLETS FOR SQUARE BACKPLATE (ART. 1450.4B E ART.1450.5B)**

| ARTICLE | PRODUCT DESCRIPTION | Colour | Packaging pcs |
|---|---|---|---|
| **1464.0B** | SQUARE VACUUM INLET | White | 20 |
| **1464.1B** | | Ivory | 20 |
| **1464.2B** | | Silver | 20 |

Square VACUUM INLET - white

Square VACUUM INLET - ivory

Square VACUUM INLET - silver

# DESIGN SQUARE VACUUM INLET

## DESIGN SQUARE VACUUM INLET

The DESIGN square vacuum inlets stand out for their great robustness and simple but elegant line, available in different colors to better adapt to the wall where they are installed.

**ROBUST**
indestructible, for daily use

1

**BEAUTYFUL**
simple, with a minimal design

2

**RATIONAL**
practical and comfortable fits every design

3

# DISTINCTIVE FEATURES OF THE PRODUCT

### 1 - Simple and elegant aesthetic line

Sistem Air's Design vacuum inlets are characterized by simple and harmonious lines, created following the design of electrical systems in northern Europe, with rounded edges that soften the shape. The entire visible part of the Design inlet can be customized using covers, available in different colors, which allow you to create color combinations or contrasts with the wall where they are installed.

### 2 - Assembly quality

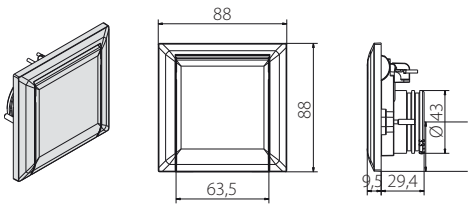
The materials chosen and the careful production give the Sistem Air vacuum inlets an absolute quality, which remains unchanged over time.

### 3 - Perfect fit

The double conic shape and the material chosen for the the gasket guarantee a perfect seal over the years.

# DESIGN VACUUM INLET

## DESIGN VACUUM INLET




| DESIGN SQUARE INLETS | | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
| **1467.0** | Design squared vacuum inlet white colour* | 1 |

* not suitable for installation on backplates art. 1450.12, 1450.13 e 1450.4C.

## COVER SET

Design inlet covers are able to transform a functional element such as the vacuum inlet into a cheerful detail of design. Just choose the desired color, among the series of those available and, in a few seconds, replace the standard white cover mounted on the inlet.

Cover Set berry

Cover Set lemon

## SELECTION TABLE - DESIGN COVERS

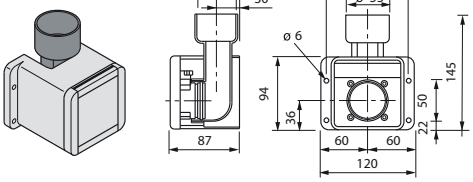
| COVERS FOR DESIGN VACUUM INLETS | | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
| **1467.C1** | Cover set for Design vacuum inlet dark grey | 1 |
| **1467.C2** | Cover set for Design vacuum inlet cream | 1 |
| **1467.C3** | Cover set for Design vacuum inlet lemon | 1 |
| **1467.C4** | Cover set for Design vacuum inlet silver | 1 |
| **1467.C5** | Cover set for Design vacuum inlet black | 1 |
| **1467.C6** | Cover set for Design vacuum inlet sand | 1 |
| **1467.C7** | Cover set for Design vacuum inlet olive | 1 |
| **1467.C8** | Cover set for Design vacuum inlet light grEY | 1 |
| **1467.C9** | Cover set for Design vacuum inlet vanilla | 1 |
| **1467.C10** | Cover set for Design vacuum inlet coffee | 1 |
| **1467.C11** | Cover set for Design vacuum inlet berry | 1 |

# SPECIAL VACUUM INLETS

Sistem Air vacuum inlets are suitable for different installation requirements for domestic and professional application.
Floor vacuum inlets and industrial vacuum inlets have a micro-switch with IP65 protection degree.

**N.B. external industrial vacuum inlets have a connection for both rigid Ø 50 mm pipes and for Ø 63 mm pipes (using the sleeve as a connection, art. 1163.1).**

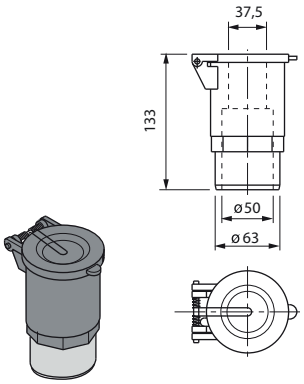
## 1 -External domestic vacuum inlet




**EXTERNAL DOMESTIC VACUUM INLET FOR FLEXIBLE HOSE Ø 32 AND PVC PIPES Ø 50**

| ARTICLE | PRODUCT DESCRIPTION | Colour | Packaging Pcs |
|---|---|---|---|
| **1459.5** | External domestic vacuum inlet | ☐ White | 1 |

## 2 -External industrial vacuum inlet



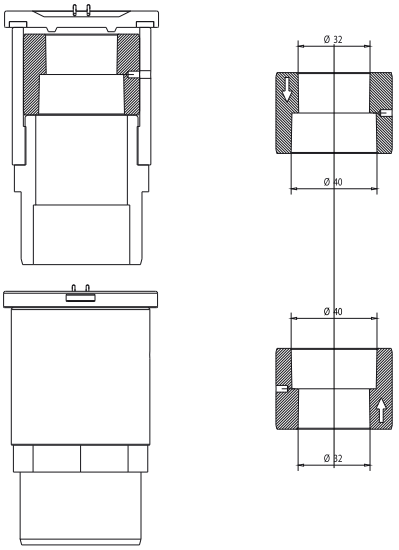

**EXTERNAL INDUSTRIAL UNIVERSAL VACUUM INLET FOR FLEXIBLE HOSE Ø 32/40 AND PVC PIPES Ø 50/63**

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1556.0** | Industrial universal vacuum inlet Ø 32/40 mm (with micro-switch) | 1 |

**N.B.: antistatic version available (art. 1556.0A - 1556.0AX), see page. 53.**

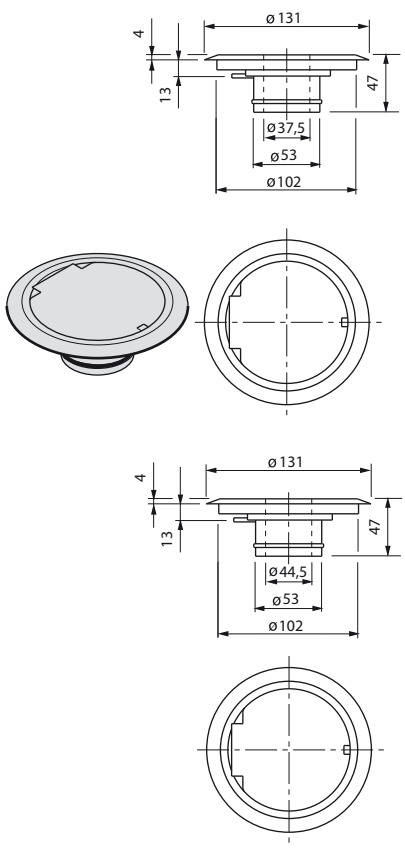
External industrial inlets

Industrial external inlets by Sistem Air can be connected to cleaning kits both Ø 32 or 40 mm: just rotate the adapting connection inside the vacuum inlet onto the required side.



# SPECIAL VACUUM INLETS

## 3 -Floor inlets




**FLOOR INLETS FOR FLEXIBLE HOSE Ø 32**

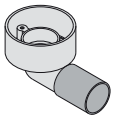
| ARTICLE | PRODUCT DESCRIPTION | Colour | Packaging Pcs |
|---|---|---|---|
| **1455.0A** | Floor vacuum inlets (with micro-switch) | Grey | 1 |
| **1455.0N** | | Black | 1 |

**FLOOR VACUUM INLETS FOR FLEXIBLE HOSE Ø 40**

| ARTICLE | PRODUCT DESCRIPTION | Colour | Packaging Pcs |
|---|---|---|---|
| **1455.2A** | Floor vacuum inlets (with micro-switch) | Grigio | 1 |
| **1455.2N** | | Nero | 1 |

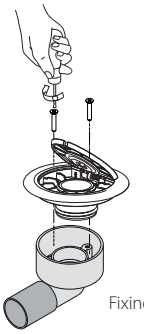
### A - INSTALLATION WITH POURED FLOORS

In the case of installation in POURED floors, the floor inlet requires the specific mounting plate available in two versions: with elbow connector and with straight connector.



Art. 1450.2
Mounting plate for floor inlet
(elbow connector)

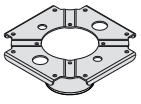
Art. 1450.3
Mounting plate for floor inlet
(straight connector)



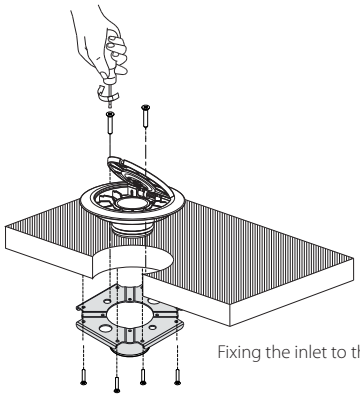
Fixing the inlet in the mounting plate

### B - INSTALLATION WITH FLOATING FLOORS

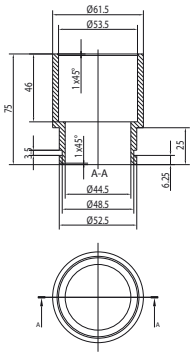
In the case of installation in floating floors, the floor inlet can be fixed directly to the tile using the adapting support.



Art. 1450.23
Metal adapter for floor inlet

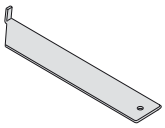


Fixing the inlet to the adapter




EXTENSION FOR FLOOR INLETS

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1457.2** | Extension for floor inlets | 1 |



**STEEL KEY FOR PROTECTED INLETS**

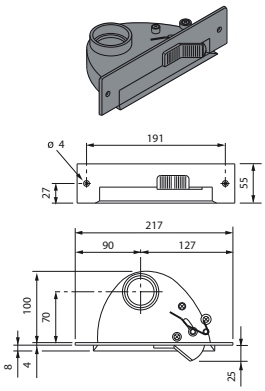
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1400.1** | Steel key for protected inlets | 5 |

# VACPAN

## VACPAN VACUUM INLETS

Sistem Air vacpan vacuum inlets are suitable to be installed in kitchen baseboards (see image below).
Turning the system on and off occurs by means of a pedal placed on the frontal part of the inlet. Thanks to built-in backplate art. 1450.16 you can install the vacpan vacuum inlets also in the walls.

**N.B. vacpan vacuum inlets are equipped with electrical contact for the vacuum unit control.**




**VACPAN VACUUM INLET**

| ARTICLE | PRODUCT DESCRIPTION | Colour | Packaging Pcs |
|---|---|---|---|
| **1464.2** | Vacpan vacuum inlet with micro-switch | White | 1 |
| **1464.3** | | Black | 1 |
| **1464.5** | | Silver | 1 |

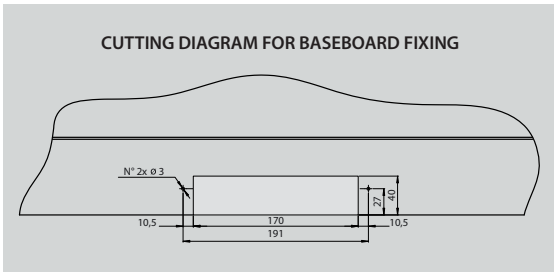
# VACPAN VACUUM INLETS

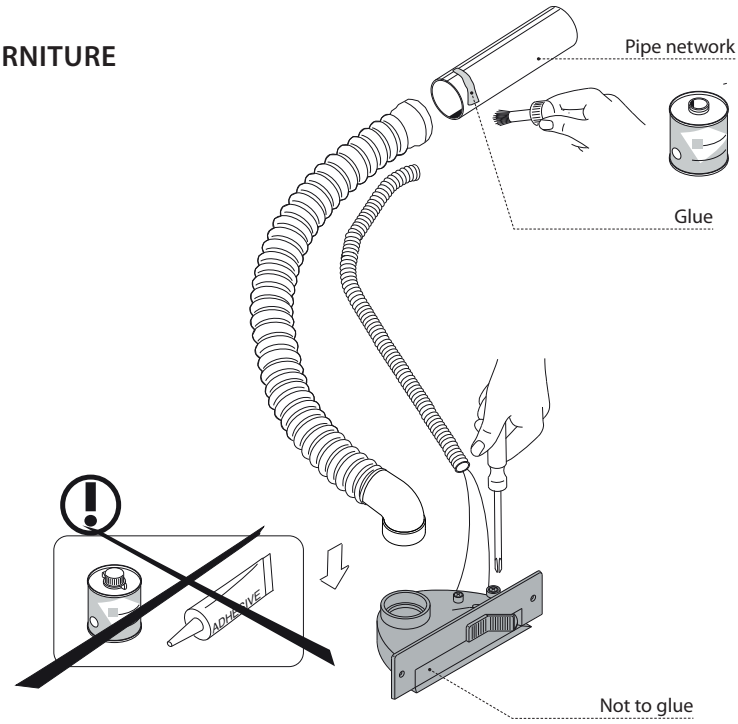
## VACPAN INSTALLATION

Sistem Air vacpan inlets are designed to be installed in the baseboard of the kitchen furniture or on the wall.
During installation it is necessary to bring the pipe network and the microswitch line close to the installation point.

## A - IN THE BASEBOARD OF THE KITCHEN FURNITURE

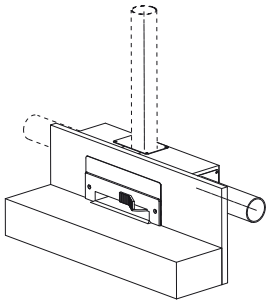
Sistem Air vacpan are extremely simple to install. In fact, they are supplied with a flexible connection hose which at one end fits the pipe network 50 mm diameter (or 2") by gluing with the same glue used for installation pipes, while a 90 ° short elbow is integrated in the other end which engages in the vacpan inlet (not to be glued, to facilitate disassembly in case of inspections behind the baseboard where the inlet is fixed).

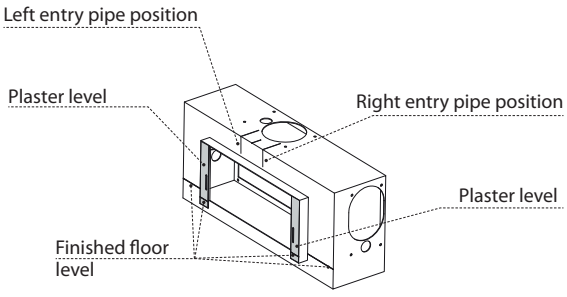


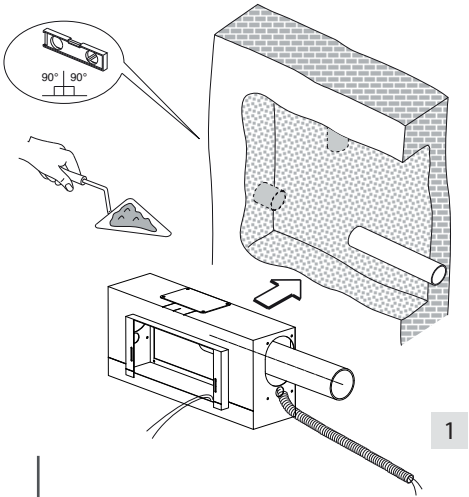




## B - BUILT IN INSTALLATION

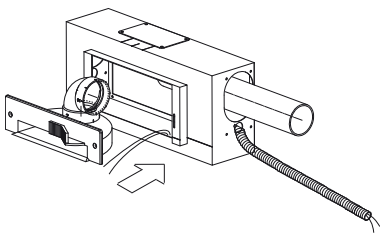
For built-in installation it is necessary to use the specific mounting plate art. 1450.16 (see page 41 for dimensions). It is possible to connect the vacpan inlet from the side (right or left) or from above. All the measures to facilitate installation are indicated on the mounting plate.



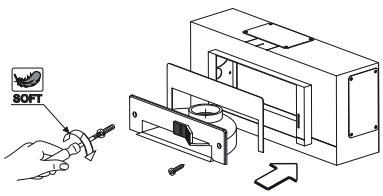



1



2




3

# VACUUM INLET FOR RETRACTABLE FLEXIBLE HOSE

The system with Flexin retractable hose has been designed to be used in all those applications where traditional hose is not required: Sistem Air offers it in its most advanced version, extremely easy to install and to use, thanks to the ON / OFF wireless control Flisy.

## THE COMFORT OF THE RETRACTABLE HOSE

With Flexin the flexible hose retracts inside the installation pipe network at the end of the cleaning operations: it doesn't need further recovery space and it is ready for the following use.

## 5 EASY STEPS AND YOU FORGET ABOUT

1 – open the door

2 – extract the flexible hose (to the required length)

3 – fix the hose to avoid its return (now vacuum starts)

4 – insert the specific handle

5 – add the accessory you need: you are ready for cleaning!

## WHEN THE CLEANING OPERATIONS ARE OVER…

1 – remove the handle

2 –release the flexible hose

3 – lightly cover the entry: the hose will be "sucked down" in the pipe network

4 –close the door (now vacuum stops)

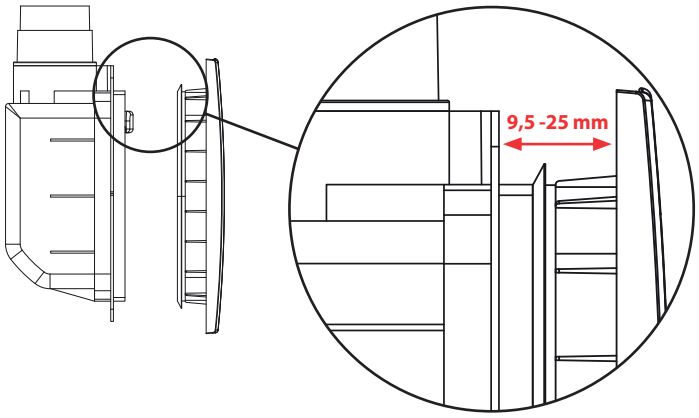
① Flexin backplate
② Save-plaster cover
③ Flexin door

# FLEXIN

## MAIN FEATURES OF THE PRODUCT

### 1 - Easy to install on the wall

Backplate for Retraflex system is easy to install on wood, plaster or brick walls. The door connection of the backplate has a 25 mm stroke which enables it to adapt easily to the level of the finished wall, without the need for extensions. The watertight door is always perfect.




### 2 - Adjustable aesthetic finishing

4 covers in different colours and finishings are available, adaptable to all environments.

### 3 - System Tech Flisy ON / OFF wireless system compatible

The Flexin retractable hose is also available with the System Tech Flisy ON/OFF wireless system, which combines the comfort of the wireless ON / OFF control with the certainty of signal reception, thanks also to the absence of batteries in the receiver module. The reliability of the system is confirmed by the lifetime warranty on the electronic components, again present on this version of the Flisy.

System Flisy TECH

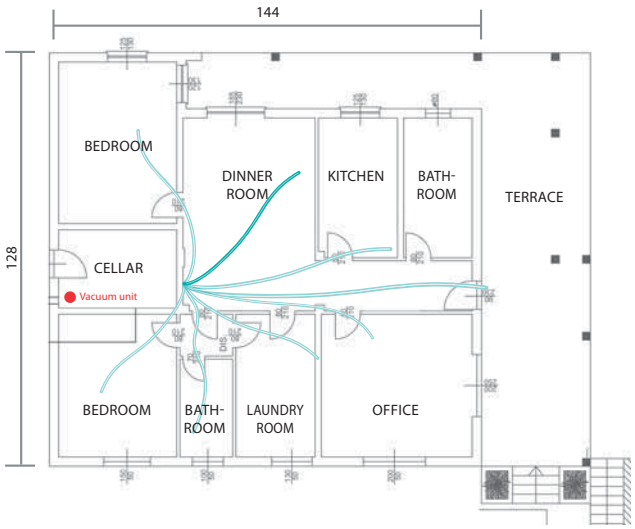
Wireless

Lifetime guarantee

## INSTALLATION PLAN WITH FLEXIN RETRACTABLE HOSE

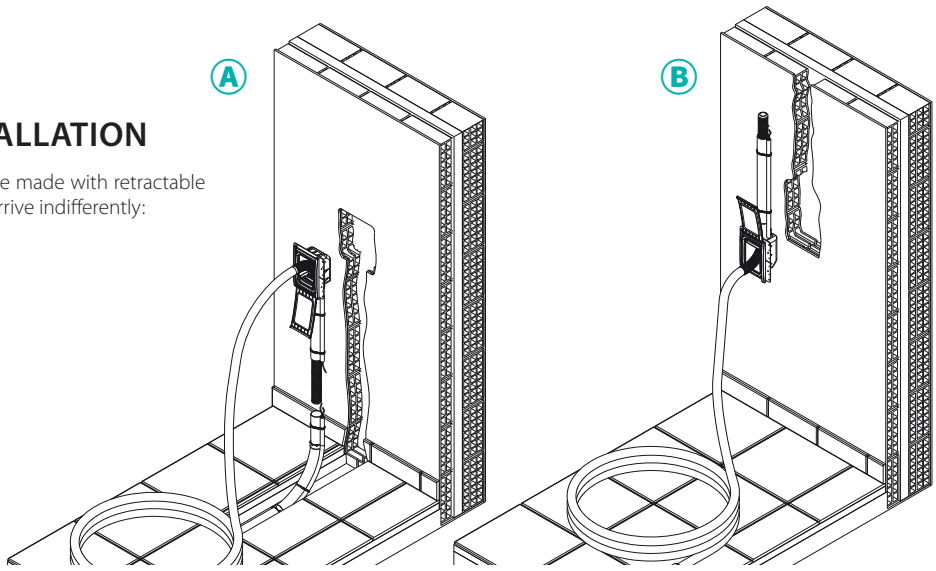
- The installation pipe where the retractable hose will be sucked must have a length at least equal to that of the flexible hose.
- This path must not have any derivations and must be realized with specific pipe and fittings dedicated to Flexin system. The remaining part of the pipe network can be made indifferently with the same dedicated material or with the standard gray material available on the Sistem Air catalogue.
- The Flexin backplate has a thickness of about 10 cm: when designing the system, it is necessary to provide that the Flexin inlet points are installed in walls of sufficient thickness.
- We recommend installing the Flexin inlet at a height of about one meter from the floor.

The hoses come complete with cleaning accessories and are available in lengths of 9, 12 and 15 m, to allow maximum surface coverage with the fewest possible hoses.

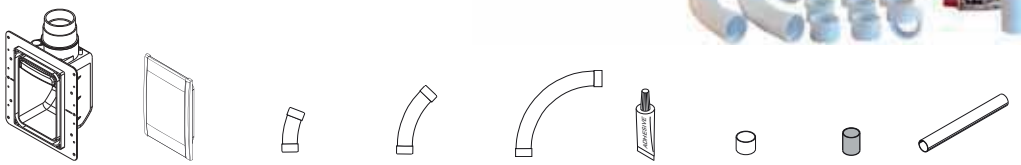



## FLEXIBILITY OF INSTALLATION

With Flexin, all cleaning operations are made with retractable hoses. Pipe network installation can arrive indifferently:
A) From below (i.e. under the floor)
B) From above (i.e. countertop)



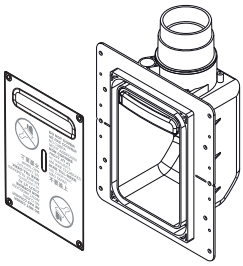

### 1 - Flexin installation kit 1 inlet

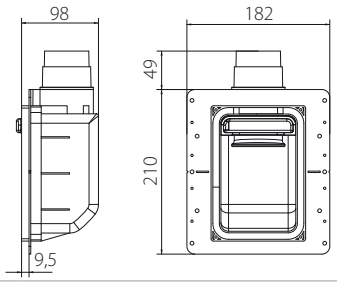


| Article | Flexin inlet pcs | Door for Flexin inlet pcs | Elbow 22,5° 2" wide range pcs | Elbow 45° 2" wid range pcs | Elbow 90° 2" wid range pcs | Glue 60 gr pcs | Sleeve PVC 2" pcs | Adapter 50/2" pcs | PVC pipe Ø 2" |
|---|---|---|---|---|---|---|---|---|---|
| **7230.1** | 1 | 1 | 2 | 2 | 3 | 1 | 11 | 1 | 16 m |

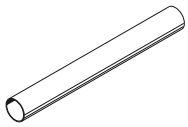
# INSTALLATION FLEXIN

## SPECIAL INSTALLATION MATERIAL FOR FLEXIN SYSTEM






| | Backplate for Flexin inlet | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| **1450.30** | Backplate for Flexin inlet | 1 |

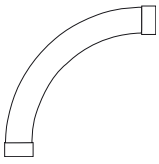


| | PVC pipe Ø 2", 1,4 thick, white, Sistem Air (2 m bar) | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| **1851.0** | PVC pipe Ø 2", 1,4 thick, white Sistem Air (2 m bar) | 1 |

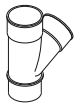
| | PVC sleeve 2" white Sistem Air | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| **1151.1** | PVC sleeve 2" white Sistem Air | 20 |

| | PVC elbow 22,5° FF Ø 2" white Sistem Air | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| **3051.6** | PVC elbow 22,5° FF Ø 2" | 1 |

| | PVC elbow 45° FF Ø 2" larg white Sistem Air | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| **3051.7** | PVC elbow 45° FF Ø 2" large | 1 |



| | PVC elbow 90° FF Ø 2" large white Sistem Air | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| **3051.8** | PVC elbow 90° FF Ø 2" large | 1 |



PVC derivation 45° FFF 2" white Sistem Air

| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
|---|---|---|
| **4051.2** | PVC derivation 45° FFF 2" white Sistem Air | 35 |

Fixing for pipe 2" white Sistem Air

| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
|---|---|---|
| **1401.0** | Fixing for pipe 2" white Sistem Air | 20 |

Pipe cap 2" white Sistem Air

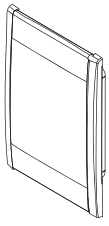
| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
|---|---|---|
| **5051.1** | Pipe cap 2" white Sistem Air | 8 |

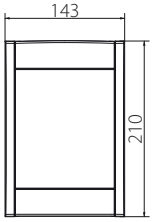
PVC sleeve Ø 2"/50 mm Sistem Air

| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
|---|---|---|
| **1150.4** | PVC sleeve Ø 2"/50 mm Sistem Air | 1 |

Flexin cover

| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
|---|---|---|
| **1490.0** | White cover for Flexin inlet | 1 |
| **1490.1** | Black cover for Flexin inlet | 1 |
| **1490.2** | Aluminum cover for Flexin inlet | 1 |
| **1490.3** | Bronze cover for Flexin inlet | 1 |





# INSTALLATION FLEXIN

## FLEXIN COMPLETE KIT

Sistem Air kits are suitable for both domestic and professional applications.

FLEXIN ACCESSORY KIT NATURAL

ARTICLE
**7232.9** (with 9 m flexible hose)
**7232.12** (with 12 m flexible hose)
**7232.15** (with 15 m flexible hose)

| | Article | Description | Q.ty |
|---|---|---|---|
| | - | Flexible hose | 1 |
| | **7039.5** | Handle | 1 |
| | **7040.1** | Telescopic chromed extension | 1 |
| | **7747.1** | Floor brush 30 cm Natural | 1 |
| | **7743.0** | Dust brush Natural | 1 |
| | **7745.0** | Nozzle corner Natural | 1 |

ACCESSORY KIT (flexible with sock) NATURAL

ARTICOLO
**7232.9P** (with 9 m flexible hose with sock)
**7232.12P** (with 12 m flexible hose with sock)
**7232.15P** (with 15 m flexible hose with sock)

| | Article | Description | Q.ty |
|---|---|---|---|
| | - | Flexible hose | 1 |
| | **7039.5** | Handle | 1 |
| | **7040.1** | Telescopic chromed extension | 1 |
| | **7747.1** | Floor brush 30 cm Natural | 1 |
| | **7743.0** | Dust brush Natural | 1 |
| | **7745.0** | Nozzle corner Natural | 1 |

## SPECIAL ACCESSORIES FOR FLEXIN

Flexible hose Flexin Ø 32

| Article | Colour | Material | Length m | Packaging Pcs |
|---|---|---|---|---|
| **7237.9** | Silver | Plastic | 9 | 1 |
| **7237.12** | Silver | Plastic | 12 | 1 |
| **7237.15** | Silver | Plastic | 15 | 1 |

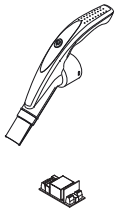
Flexin plastic handle

| Article | Colour | Material | Packaging Pcs |
|---|---|---|---|
| **7039.5** | Grey | Plastic | 1 |

Flexible hose Flexin Ø 32 with sock

| Article | Colour | Material | Length m | Packaging Pcs |
|---|---|---|---|---|
| **7237.9P** | Silver | Plastic/Wool | 9 | 1 |
| **7237.12P** | Silver | Plastic/Wool | 12 | 1 |
| **7237.15P** | Silver | Plastic/Wool | 15 | 1 |

## SISTEM TECH FLISY FOR FLEXIN



Sistem Tech Flisy

| Article | Colour | Material | Packaging Pcs |
|---|---|---|---|
| **7039.4W** | - | Plastic | 1 |

Sistem Tech Flisy receiver

| Article | Material | Packaging Pcs |
|---|---|---|
| **3301.12** | - | 1 |

Sistem Air vacuum inlets are efficient, elegant and strong in every application

Sistem Air installation material allows the construction of systems suitable for different installation requirements, always granting the best performance of the installed vacuum units.

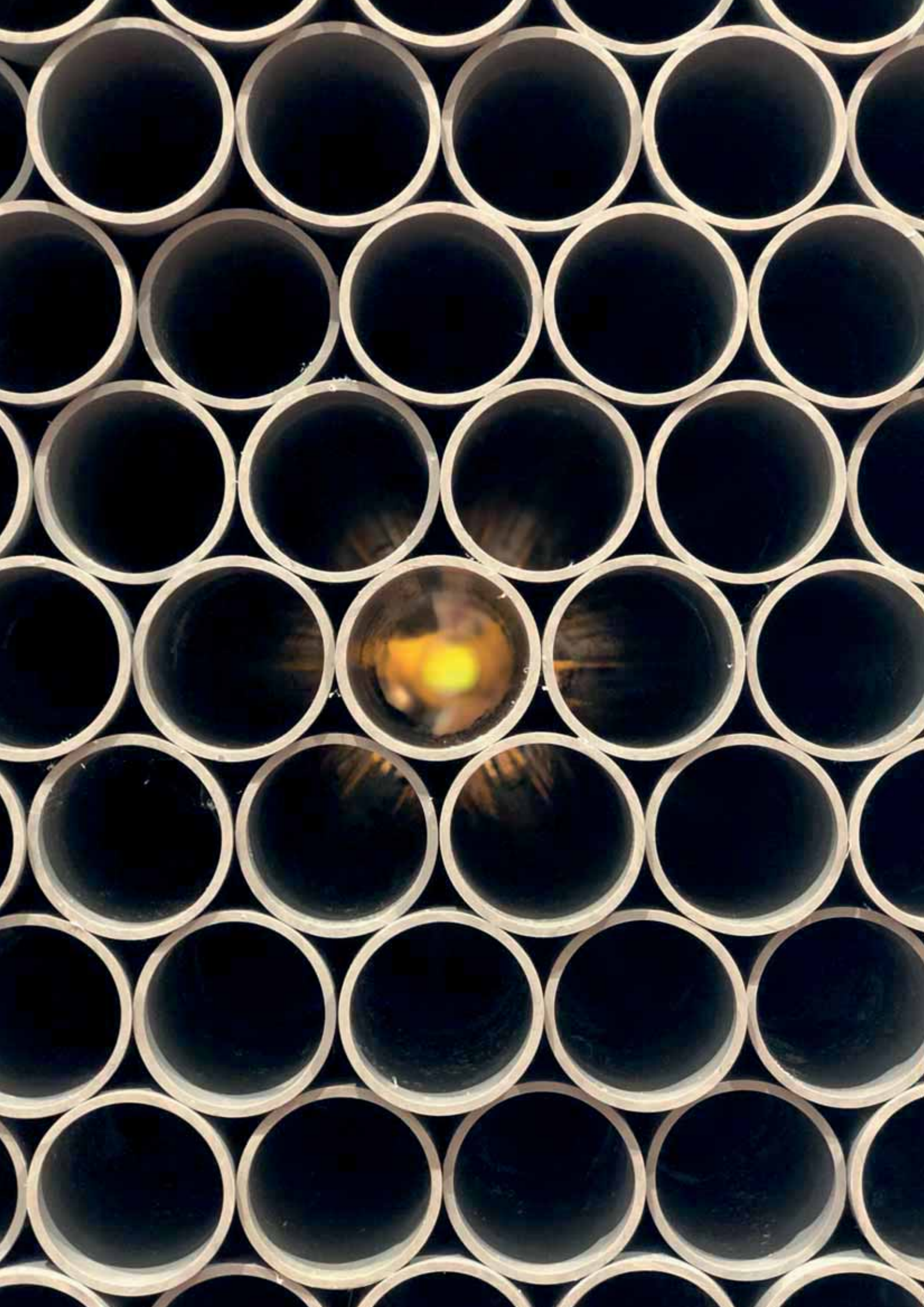
# INSTALLATION MATERIAL


INSTALLATION BASICS 33

PVC INSTALLATION MATERIAL 39

INSTALLATION KITS 48

METAL INSTALLATION MATERIAL 50



# INSTALLATION BASICS

Sistem Air piping is made of self-extinguishing PVC, realized to guarantee perfect coupling between pipes and fittings.
The pipes are self-extinguishing, antistatic and calibrated with thicknesses of 2.2 mm for the Ø 50 mm pipe, and 3 mm for the Ø 63/80/100 mm.
Junctions are made by gluing, with special self-sealing glue, which guarantee a perfect seal of the glued components.
**The correct preparation and installation of the pipe network guarantee the proper functioning of the system**. This is to be considered the most important phase to obtain optimal functioning. All installers are advised to scrupulously observe the instructions below in order to simplify the operations of realizing the pipe network and obtain optimal system operation, thus maintaining performance over time.

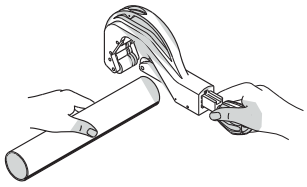
**PIPE CUTTER**
indispensable for a perfect cut
1

**SELF-SEALING GLUE**
guarantee the right functioning of the system
2

**QUALITY INSTALLATIONS**
guidelines for correct installation
3

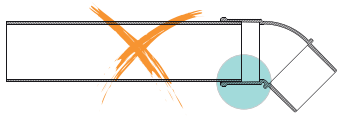
## PIPE CUTTING AND CORRECT CONNECTION ASSEMBLY

In order to obtain the right pipe cut, use only the pipe-cutter tool, see page. 83.

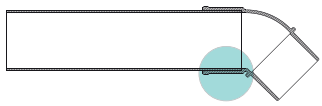


RIGHT tool

Pipes must always be correctly positioned: they must always be matched with the connection stop.



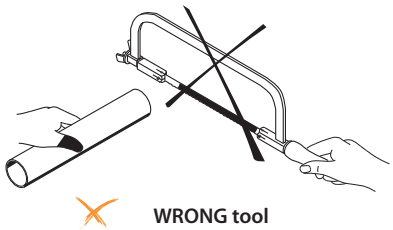
CORRECT cut and WRONG positioning



CORRECT cut and CURRENT positioning

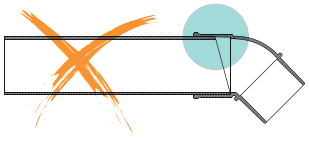
## WRONG PIPE CUT EXAMPLES

Wrong cut tools



WRONG tool

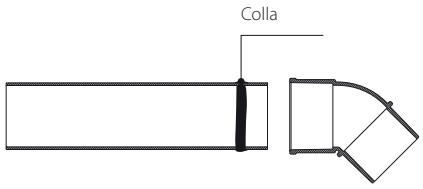
Example of cut made with the wrong tools.



WRONG installation

## PIPE AND CONNECTION GLUEING

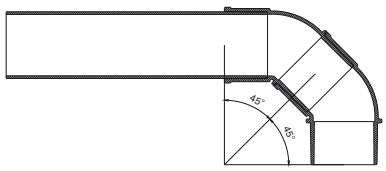
The phase of pipe and connection gluing is the most delicate of the central vacuum system, because, if not carried out correctly, it can generate system pressure loss, causing sedimentation of the vacuumed product inside the chased pipes.
The correct action is to spread the glue only on the pipe or on the male connection.
In this way, when the piping is fitted to the connector, any excess glue will overflow creating an extra hold ring.
If the operation is carried out in reverse order, that is spreading the glue on the female part of the connector, the excess glue will drip inside the pipe.




**RIGHT installation**

## RADIUS OF CURVATURE

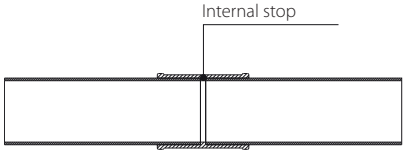
The radius of curvature of the pipe network that has been installed externally or chased, must be done with 45° connectors that ensure air movement with the least possible effort, e.g. a 90° curve can be made in two different ways, the first one with a male female and female female curve connector; the second with a female female curve connector, a small piece of pipe and another female female curve connector.
The fewer curve connectors installed in the system, the greater is the speed of the vacuumed air, with better final performance of the central vacuum system.




**CORRECT installation**

## LINEAR CONNECTION OF THE PIPE

The pipe connection must be made with the appropriate double stop sleeve connection. The stop, present in all Sistem Air fittings, is the element that grants the perfect fit between pipes and connections.
In order for pipes to make a perfect stop with connections, without steps inside the pipes, the cut MUST BE DONE with the appropriate pipe cutter. This will ensure an exact, linear cut without burrs.

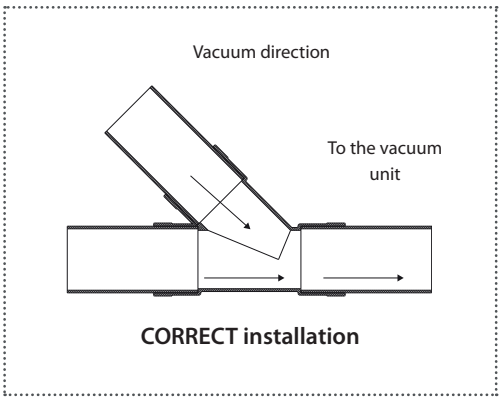



**CORRECT installation**

# INSTALLATION BASICS

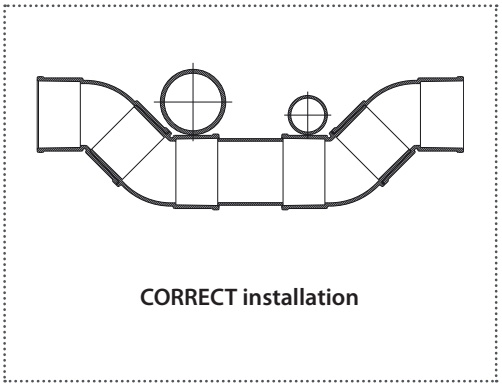
## VACUUM DIRECTION

For multi vacuum inlet branching, use the female female 45° derivation connectors, or male female 45° derivation. This connector is used both for the derivation of a vacuum inlet on the same floor and for the construction of rising pipes on buildings with several floors.
It is essential that the derivation is always correctly installed in relation to the system's vacuum direction (see figure).
The wrong installation of the derivation will inevitably provoke system obstruction.



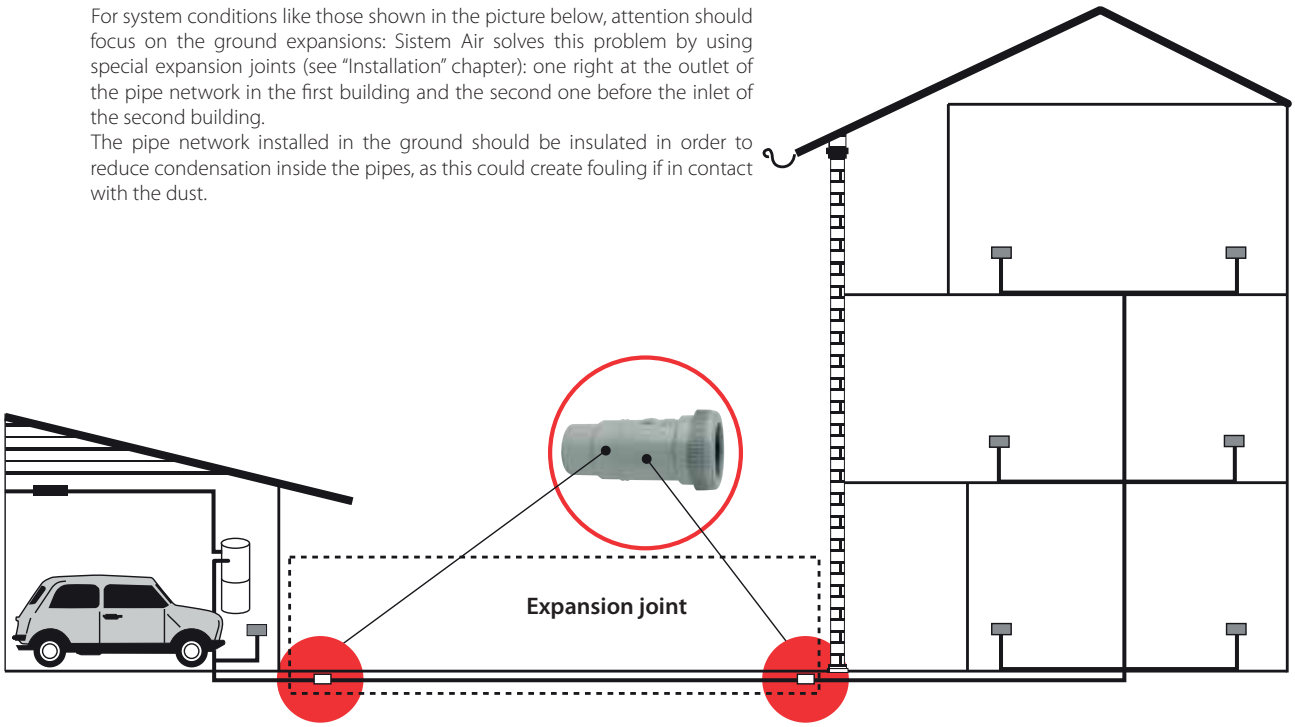

## SPECIAL SITUATIONS

During installation you may encounter obstacles that cannot be overcome, because the foundation is not properly levelled: this problem can be resolved with a so-called underground passage. The underground passage should be made with a male female 45° curve connector, a female female 45° connector, a small piece of pipe, another male female 45° elbow connector and another female female 45° elbow connector. This operation should be carried out as little as possible on the same system, as it produces a considerable strain on the speed of the vacuumed air.



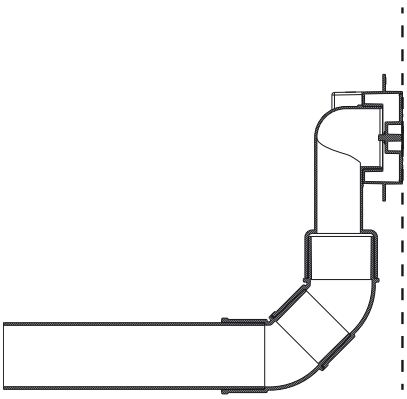

## EXPANSION JOINT

For system conditions like those shown in the picture below, attention should focus on the ground expansions: Sistem Air solves this problem by using special expansion joints (see "Installation" chapter): one right at the outlet of the pipe network in the first building and the second one before the inlet of the second building.
The pipe network installed in the ground should be insulated in order to reduce condensation inside the pipes, as this could create fouling if in contact with the dust.



## UNIVERSAL MOUNTING PLATE WITH ELBOW CONNECTOR

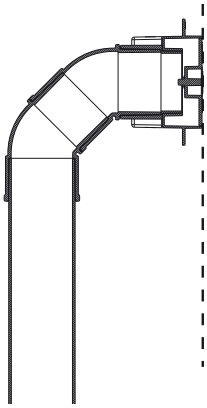
The universal mounting plate with elbow connector, 7 cm thick only, can be installed in any kind of wall.
The mounting plate has a rotating elbow connector to enable fixing to the connection at any point.
**IMPORTANT: the mounting plate must always be flush wall-mounted.**



**CORRECT installation**

## UNIVERSAL MOUNTINGPLATE WITH STRAIGHT CONNECTOR

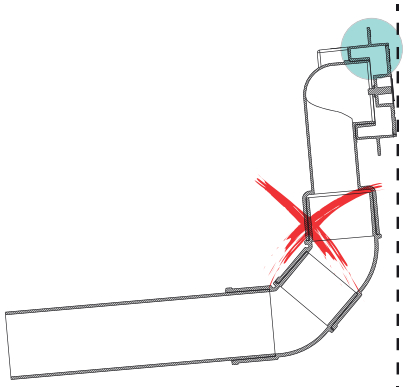
The universal mounting plate with straight connector is suitable for all particular situations (renovations, counter walls, movable walls etc.).
**IMPORTANT: the mounting plate must always be flush wall-mounted.**



**CORRECT installation**

## MOUNTING PLATE WITH ELBOW CONNECTOR FIXING

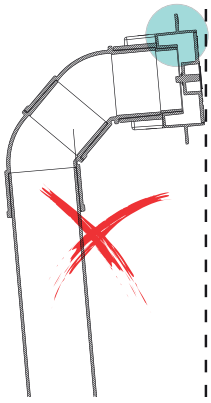
Fixing the mounting plate with elbow connector to the wall or outside requires maximum precision so that, when the vacuum inlet is installed, the holding elements adhere perfectly.
It is very important that the mounting plate box is perfectly flush wall-mounted.



**INCORRECT installation**

## MOUNTING PLATE WITH STRAIGHT CONNECTOR FIXING

Fixing the mounting plate with straight connector to the wall, or outside requires maximum precision so that when the vacuum inlet is installed, the holding elements adhere perfectly.
It is very important that the mounting plate box is perfectly flush wall-mounted.

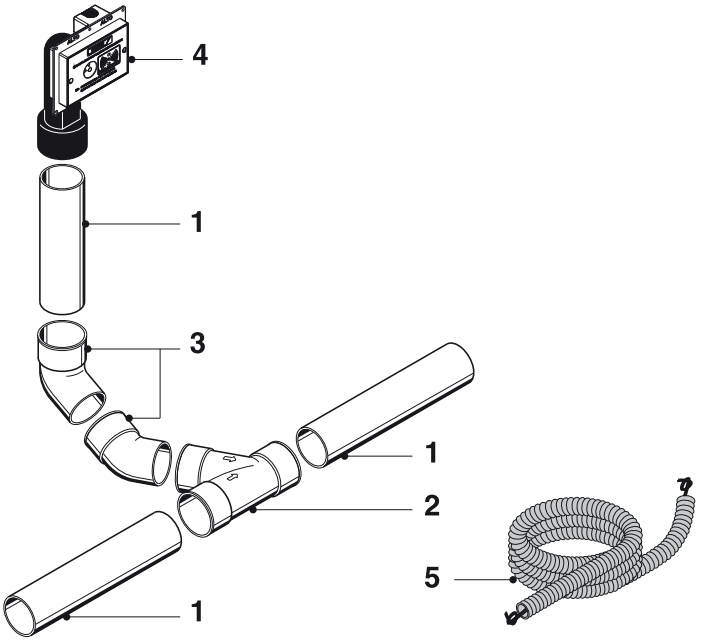


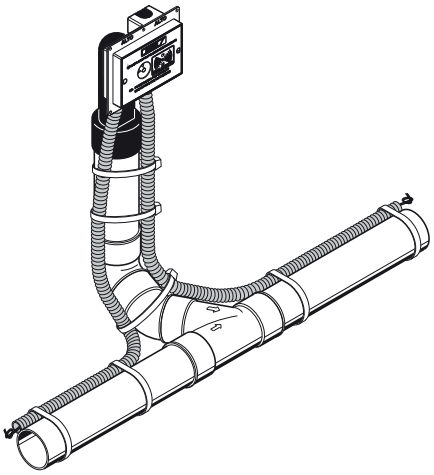
**INCORRECT installation**

# INSTALLATION BASICS

## EXAMPLE OF BASIC CONNECTIONS

Example of basic connection for single vacuum inlet installation.

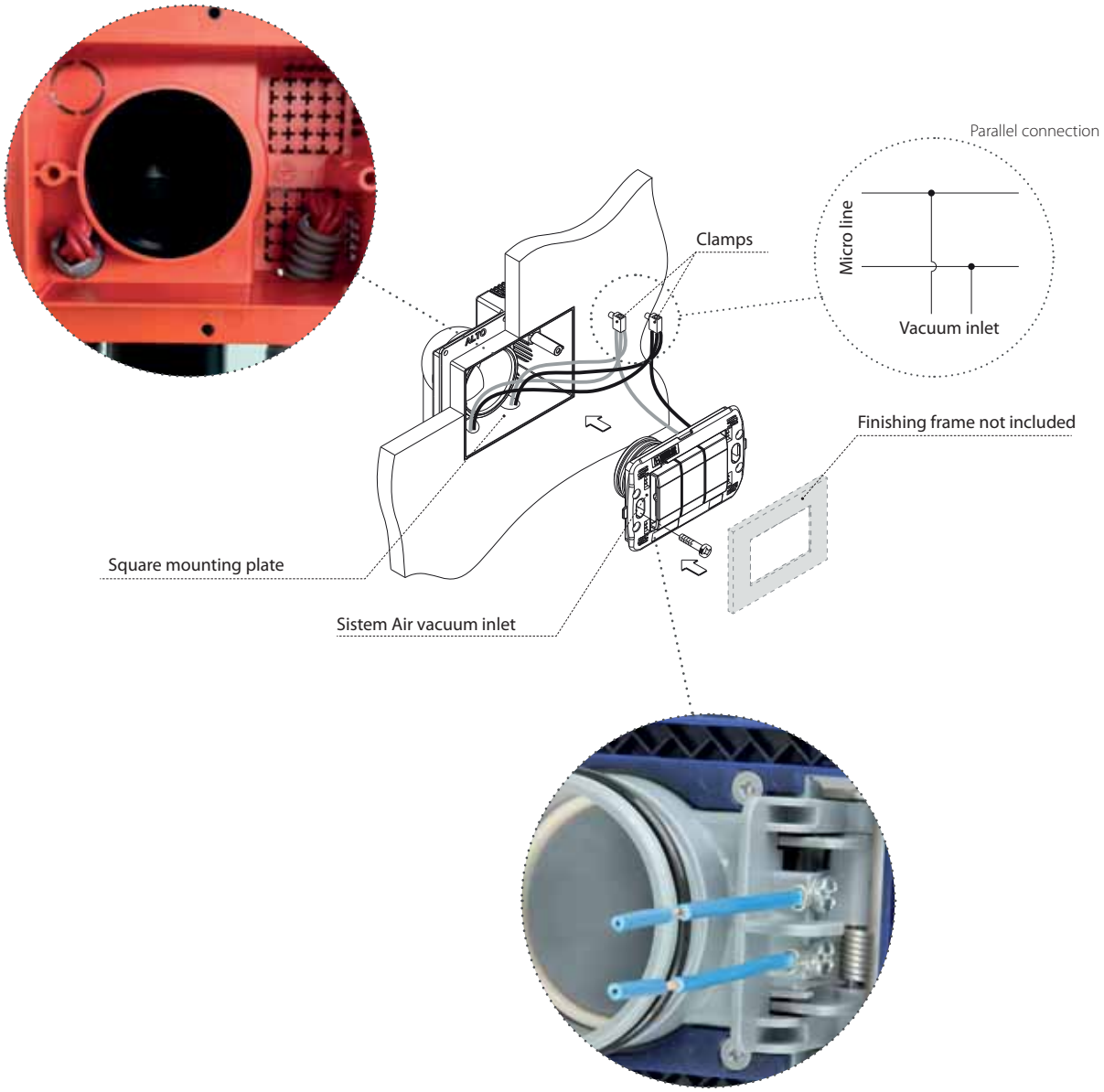


| | ARTICLE | Product description |
|---|---|---|
| 1 | **1850.0** | PVC pipe 2,2 mm Ø 50 |
| 2 | **4050.1** | 45° FFF PVC derivation Ø 50 |
| 3 | **3050.0** | 45° MF PVC elbow connector Ø 50 |
| 4 | **1450.0** | Standard mounting plate, straight connector with cover |
| 5 | **9016.7** | 2x1 $mm^2$, 25 m pre-wired conduit |
| 5 | **9016.0** | 2x1 $mm^2$, 50 m pre-wired conduit |
| 5 | **9016.1** | 2x1 $mm^2$, 100 m pre-wired conduit |

Example of vacuum inlet made according to correct installation standards.

## VACUUM INLET ELECTRICAL CONNECTION



# INSTALLATION MATERIAL

## INSTALLATION MATERIAL

**Installation FIELD**
The Sistem Air PVC installation material is suitable for all installations of central vacuum systems and can be divided into four product categories:
- Gray piping Ø 40 and 50 mm with thickness 2.2 mm, Ø 63 - Ø 80 - Ø 100 with thickness 3 mm.
- Gray fittings Ø 40 and 50 mm with thickness 2.2 mm, Ø 63 - Ø 80 - Ø 100 with thickness 3 mm.
- Gray electrical conduit with inside N. 2 wires of 1 mm.
- Special self-sealing glue for joining pipes to fittings.

**Distinctive features of the products**
High quality and robust products for installation, meeting the strictest quality and safety approvals and certifications, able to satisfy the most demanding installation requirements.
- PVC pipes reduced to the minimum static charges.
- Gray colour in compliance with Uni standards.
- Rigid pipes, with fittings with a large radius of curvature.
- Fittings with angular reference marks for a correct coupling between pipes and fittings.
- Cold weldable PVC plastic material with special glue.
- Fire resistant PVC material according to resistance class M1 and CEI standards.
- Ø 16 mm pre-wired gray electrical conduit with CE, IMQ marking, suitable for ordinary and particular environments, where the use of a non-toxic product is necessary.
- Certification of the Italian Institute of Plastics for compliance with UNI standards.

**Features:**
Rigid type pipes with fittings with a large radius of curvature.
Cold weldable PVC plastic material with special glue. Certification of the Italian Institute of Plastics (I.I.P.num. 261) for compliance with UNI standards. Compliance with fire resistance according to CEI 23-29 rule.

### Pipe network material selection criteria
The PVC pipes and fittings are suitable for all types of installation of central vacuum systems.
Where there are particular problems of mechanical resistance or in the case of installations of exposed pipes, metal pipes can be used.

**Technical note:**
When it is necessary to make an external section with rigid pipes, it is advisable to have adequate sectioning of the same with the addition of expansion joints (art. 5050.0 for Ø 50 mm and 5050.2 for Ø 63 mm).
Different materials affect the guarantee of the system and can create blockages in the pipe network.

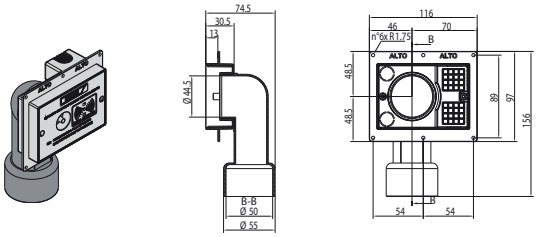
**Warning**
The installation material, such as pipes and fittings, is expressly designed and built for central vacuum systems.
Using the dedicated installation material allows you to create systems with the maximum guarantee of performance and the safety to avoid the pipe clogging.

# INSTALLATION MATERIAL

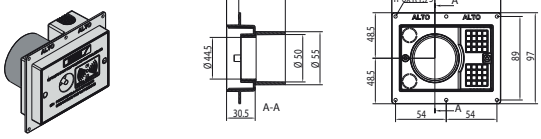
## MOUNTING PLATE FOR BUILT-IN INSTALLATION WITH PIPE Ø 50 mm

The universal rectangular inlets with elbow connector are suitable for all vacuum inlets that fits the rectangular electric finishing frames, while the square mounting plates are suitable for square inlets which are already complete with an aesthetic finish in three different colors.
All models are designed with pre-marked holes for the connection of the pre-wired conduit for the microswitch line.

### 1 - Mounting plates for Ø 50 rectangular vacuum inlets

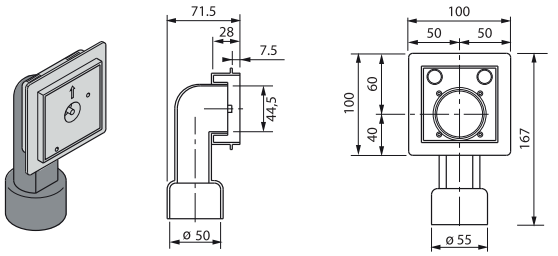



| RECTANGULAR UNIVERSAL MOUNTING PLATE Ø 50 | | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
| **1450.0** | UNIVERSAL MOUNTING PLATE ELBOW CONNECTOR, WITH COVER | 10 |

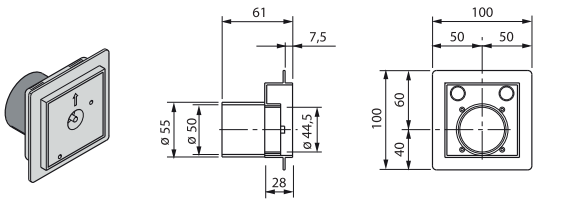



| RECTANGULAR UNIVERSAL MOUNTING PLATE Ø 2" | | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
| **1450.1** | UNIVERSAL MOUNTING PLATE STRAIGHT CONNECTOR, WITH COVER | 10 |

### 2 - Mounting plates for Ø 50 square vacuum inlets




| SQUARE UNIVERSAL MOUNTING PLATE | | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
| **1450.4B** | UNIVERSAL MOUNTING PLATE ELBOW CONNECTOR, WITH COVER | 10 |

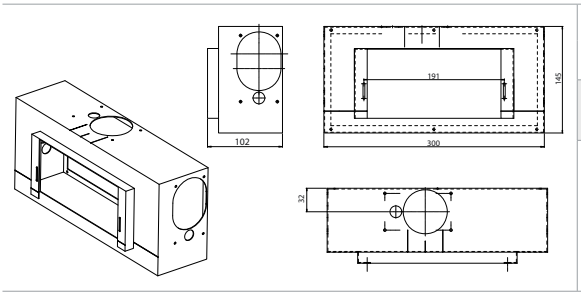



| SQUARE UNIVERSAL MOUNTING PLATE | | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
| **1450.5B** | UNIVERSAL MOUNTING PLATE STRAIGHT CONNECTOR, WITH COVER | 10 |

# INSTALLATION MATERIAL

## BUILT-IN MOUNTING PLATE FOR WALL INSTALLATION OF VACPAN

Thanks to the built-in vacpan art. 1450.16 it is possible to install vacpan inlets in the walls too.

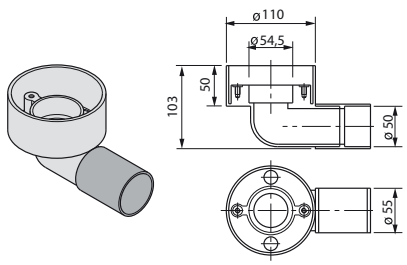



BUILT-IN MOUNTING PLATE FOR WALL INSTALLATION OF VACPAN

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1450.16** | STEEL MOUNTING PLATE FOR VACPAN INLET | 1 |

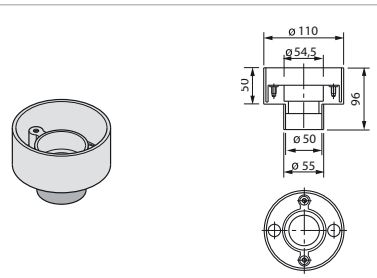
## MOUNTING PLATES FOR FLOOR INLETS

The mounting plates for floor inlets are made to last over time and resist the heaviest stresses. They are made of aluminum, therefore resistant to atmospheric agents, and their robustness makes them safe and reliable.




FLOOR MOUNTING PLATE ELBOW CONNECTOR

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1450.2** | ELBOW CONNECTOR MOUNTING PLATE | 1 |

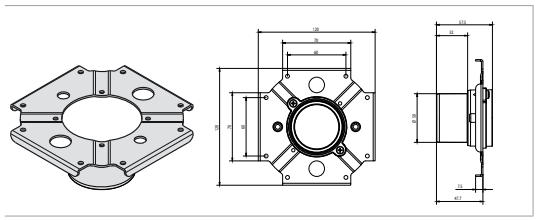



FLOOR MOUNTING PLATE STRAIGHT CONNECTOR

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1450.3** | STRAIGHT CONNECTOR MOUNTING PLATE | 1 |

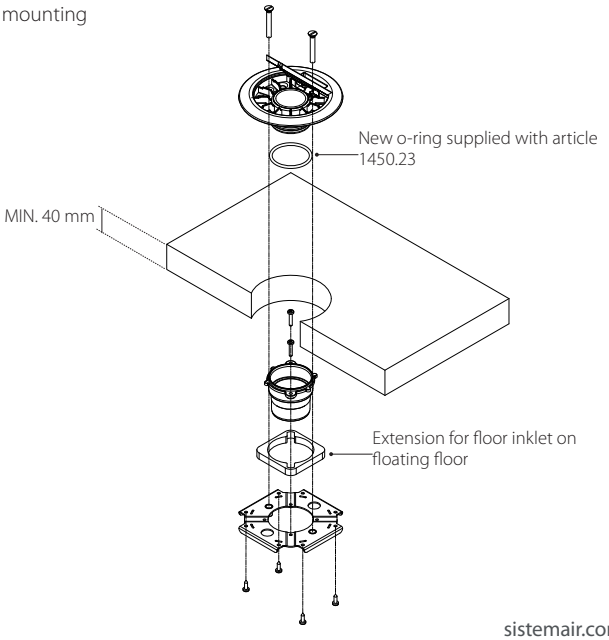
## FIXING SUPPORT FOR FLOOR INLETS ON FLOATING FLOORS

Enables installation of floor inlets directly on floating floor tiles, without the mounting plate.



**FLOOR ADAPTER**

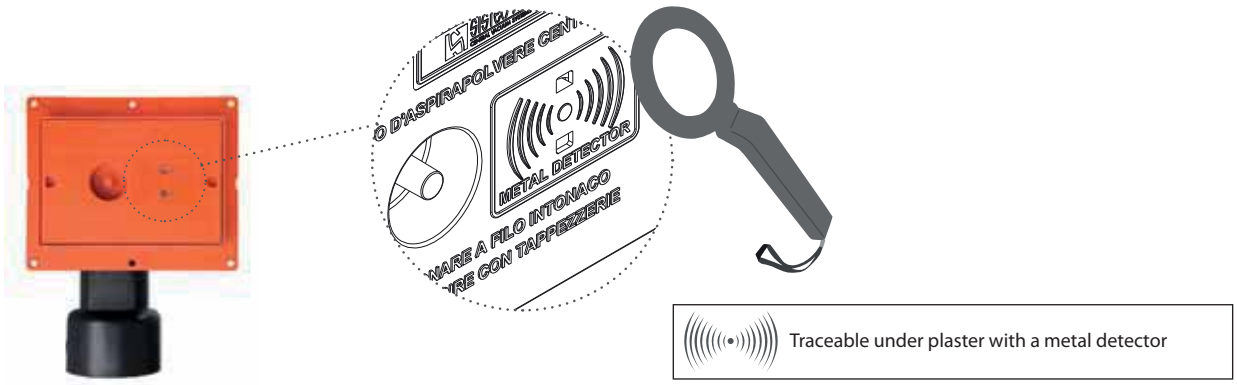
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1450.23** | Floating floor adapter | 1 |



## INSTALLATION OF THE MOUNTING PLATE ON THE PLASTERBOARD

### 1 - Traceable under plaster by metal detector

The Sistem Air universal rectangular mounting plate can be identified even when they are covered by plaster using a common metal detector.




Traceable under plaster with a metal detector

### 2 - Fixing on plasterboard walls

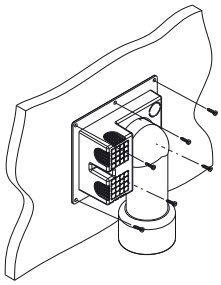
Thanks to the holes present on the fixing profile, the Sistem Air rectangular universal mounting plates can be fixed on the plasterboard walls following the installation steps:

1.

2.

3.

4.



5.

6.

7.

8.

# INSTALLATION MATERIAL

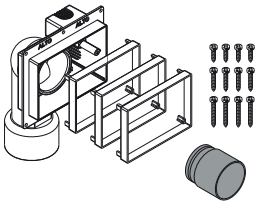
## EXTENSION KIT FOR MOUNTING PLATE

The mounting plate extension kit represents a real innovation in the sector. Thanks to this innovation, it is possible to extend the wall box by multiples of a centimeter without size limits: the flat inlayed box ensures simple installation and a perfect grip of the vacuum inlet.

**N.B. Each extension kit is fitted with 3x1 cm frames, a 3 cm inlet valve extension and a pack of screws.**
**Frames can be added until the required measurement has been reached.**

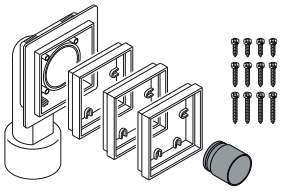
3 CM EXTENSION

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1457.1** | Extension for domestic sector vacuum inlets | 5 |



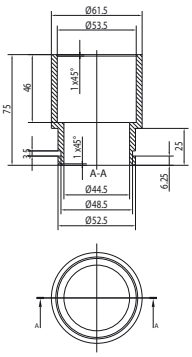
3 cm extension kit

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1450.8** | Extension kit for rectangular mounting plate | 10 |



3 cm extension kit

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1450.9** | Extension kit for square mounting plate | 10 |




Floor inlets extension

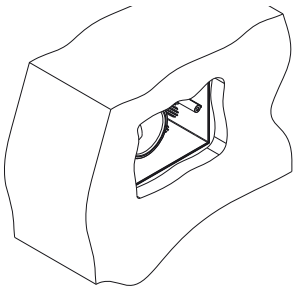
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1457.2** | Extension for floor inlets | 1 |

# INSTRUCTIONS FOR USING EXTENSION TOOLS

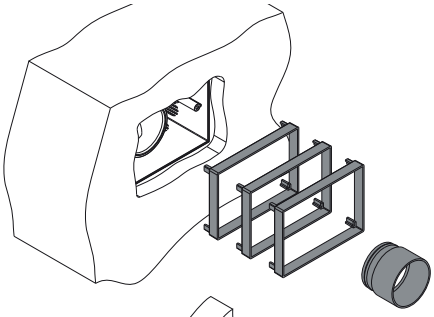
## 1 - art. 1450.8 Kit for extension of mounting plates (art. 1450.0 and 1450.1)

The extension kit for rectangular mounting plates allows you to correct those situations where the mounting plate is set back with respect to the plaster line. The seal is restored with the extension sleeve, while the 3 modular frames allow to restore the wall profile around the inlet, allowing it to be fixed in the correct position. The extension kits can be added together until the desired measure is obtained.

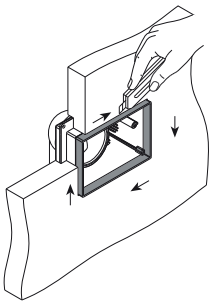
1



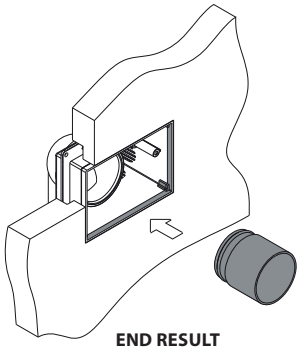
2



3



4



**END RESULT**

1 The backplate is walled back from the level of the wall and the masonry is uneven.

2 Use the extension frames (the appropriate quantity) to restore a regular surface for the inlet fixing.

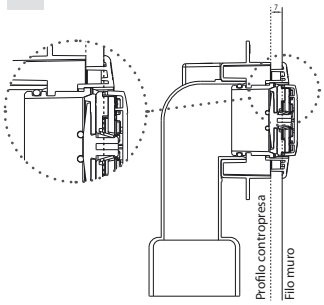
3 If necessary, trim the frame surplus.

4 Insert the extension sleeve by following the instructions below.

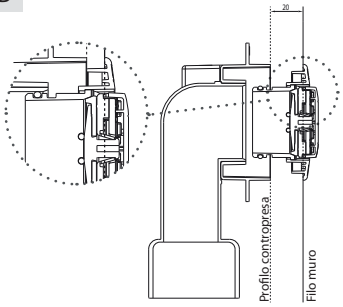
## 2 - art. 1457.1 Extension for all domestic vacuum inlets

The backplate extension can correct those particular situations where the backplate is set back from the edge of the plaster, but restoring the bearing surface of the vacuum inlet is not necessary (e.g. coating panels, furniture, etc.). Extensions allow the restoring of the seal, and can be combined up to the required size.

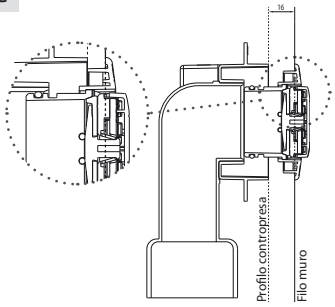
A




B




C

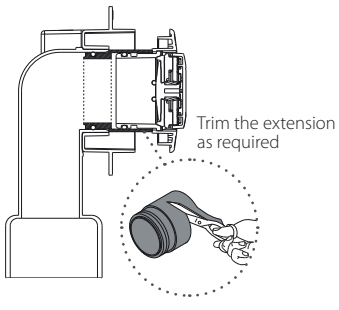



**A:** The backplate is set back from the edge of the plaster up to 7 mm:
EXTENSION IS NOT REQUIRED (ART. 1457.1)

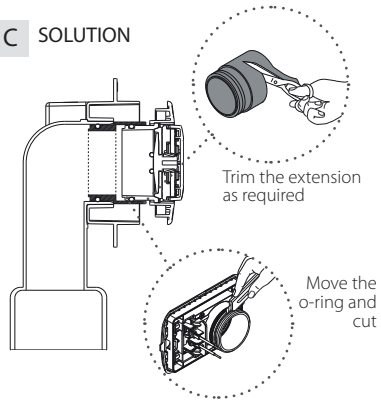
**B:** The backplate is set back from the edge of the plaster more than 16 mm:
EXTENSION IS REQUIRED (it can be shortened as necessary)

**C:** The backplate is set back from the edge of the plaster between 16-18 mm:
The vacuum inlet must be shortened, moving the o-ring on the internal position and using the extension (which can be shortened as necessary)

B SOLUTION




C SOLUTION

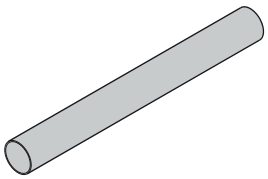


# INSTALLATION MATERIAL

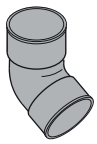
## INSTALLATION MATERIAL

Rigid PVC pipe and connectors especially designed for central vacuum systems
In order to create a perfect fit between the pipes and connectors; only 45° connectors are provided to allow for the best airflow possible, avoiding possibility of system blockage.

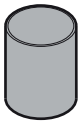
**NB: It is extremely important that the rigid PVC piping is cut using the appropriate tool (pipe cutter) and that the hold between the joints is guaranteed by using abundant special SISTEM-AIR glue, spreading it on the male and never on the female connector.**



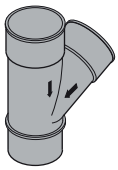
| | PVC PIPE | | |
|---|---|---|---|
| DIAMETER | ARTICLE | PRODUCT DESCRIPTION | Packaging m |
| 50 mm | **1850.0** | Pipe in pvc ø 50 2,2 mm thick (2 m bars) | 20 |
| 63 mm | **1863.0** | Pipe in pvc ø 63 3 mm thick (2 m bars) | 20 |
| 80 mm | **1880.0** | Pipe in pvc ø 80 3 mm thick (2 m bars) | 10 |
| 100 mm | **1810.0** | Pipe in pvc ø 100 3 mm thick (2 m bars) | 10 |



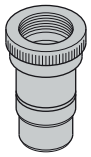
| | PVC 45° ELBOWS | | |
|---|---|---|---|
| DIAMETER | ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| 50 mm | **3050.0** | PVC 45° elbow male/female Ø 50 | 60 |
| | **3050.1** | PVC 45° elbow female/female Ø 50 | 60 |
| 63 mm | **3063.0** | PVC 45° elbow male/female Ø 63 | 30 |
| | **3063.1** | PVC 45° elbow female/female Ø 63 | 30 |
| 80 mm | **3080.0** | PVC 45° elbow male/female Ø 80 | 1 |
| | **3080.1** | PVC 45° elbow female/female Ø 80 | 1 |
| 100 mm | **3010.0** | PVC 45° elbow male/female Ø 100 | 1 |
| | **3010.1** | PVC 45° elbow female/female Ø 100 | 1 |



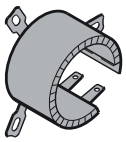
| | PVC SLEEVES FOR LINEAR JUNCTIONS | | |
|---|---|---|---|
| | ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| 50 mm | **1150.1** | PVC sleeve with shutter Ø 50 | 100 |
| 63 mm | **1163.1** | PVC sleeve with shutter Ø 63 | 40 |
| 80 mm | **1180.1** | PVC sleeve with shutter Ø 80 | 1 |
| 100 mm | **1110.1** | PVC sleeve with shutter Ø 100 | 1 |



| | | PVC 45° DERIVATION | |
|---|---|---|---|
| | ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| 50 mm | **4050.0** | PVC 45° derivation male/female Ø 50 | 20 |
| | **4050.1** | PVC 45° derivation female/female Ø 50 | 20 |
| 63 mm | **4063.0** | PVC 45° derivation male/female Ø 63 | 15 |
| | **4063.1** | PVC 45° derivation female/female Ø 63 | 15 |
| 80 mm | **4080.0** | PVC 45° derivation male/female Ø 80 | 1 |
| | **4080.1** | PVC 45° derivation female/female Ø 80 | 1 |
| 100 mm | **4010.0** | PVC 45° derivation male/female Ø 100 | 1 |
| | **4010.1** | PVC 45° derivation female/female Ø 100 | 1 |



| | | PVC expansion joints | |
|---|---|---|---|
| | ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| 50 mm | **5050.0** | PVC expansion joint Ø 50 | 1 |
| 63 mm | **5050.2** | PVC expansion joint Ø 63 | 1 |

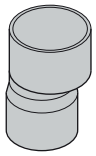


| | | FIRE STOP COUPLINGS | |
|---|---|---|---|
| | ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| 50 mm | **1150.3** | Fire stop coupling Ø 50 | 1 |
| 63 mm | **1163.2** | Fire stop coupling Ø 63 | 1 |
| 80 mm | **1180.2** | Fire stop coupling Ø 80 | 1 |
| 100 mm | **1110.2** | Fire stop coupling Ø 100 | 1 |

| | | PVC PLUG FOR INSPECTION | |
|---|---|---|---|
| | ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| 50 mm | **5050.1** | PVC plug for inspection Ø 50 | 1 |
| 63 mm | **6063.1** | PVC plug for inspection Ø 63 | 1 |
| 80 mm | **8080.1** | PVC plug for inspection Ø 80 | 1 |
| 100 mm | **1010.1** | PVC plug for inspection Ø 100 | 1 |

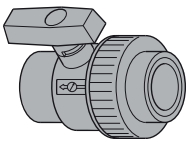
| PLUG TO TEST DOMESTIC SYSTEMS | | |
|---|---|---|
| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
| **5050.5** | Plug to Test domestic systems | 5 |

# INSTALLATION MATERIAL



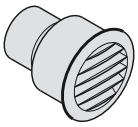
PVC ECCENTRIC EXTENSION

| | ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
|---|---|---|---|
| 50/63 mm | **6063.3** | PVC eccentric extension Ø 50/63 | 1 |
| 63/80 mm | **8080.3** | PVC eccentric extension Ø 63/80 | 1 |
| 80/100 mm | **1010.3** | PVC eccentric extension Ø 80/100 | 1 |



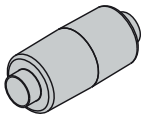
PVC ball valve for manual section

| | ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
|---|---|---|---|
| 50 mm | **2050.0** | PVC ball valve for manual section Ø 50 | 1 |
| 63 mm | **2050.1** | PVC ball valve for manual section Ø 63 | 1 |
| 80 mm | **2050.2** | PVC ball valve for manual section Ø 80 | 1 |
| 100 mm | **2050.3** | PVC ball valve for manual section Ø 100 | 1 |



PVC vENT GRID

| | ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
|---|---|---|---|
| 50 mm | **5050.4** | PVC vent grid Ø 50 | 1 |
| 63 mm | **5063.4** | PVC vent grid Ø 63 | 1 |

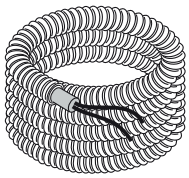


PVC AIR VENT SILENCER

| | ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
|---|---|---|---|
| 50 mm | **110001** | PVC universal silencer Ø 50 | 1 |
| 63 mm | **110002** | PVC universal silencer Ø 63 | 1 |

CSPECIAL GLUE FOR PVC

| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
|---|---|---|
| **9225.1** | Special glue gr 250 with brush | 5 |
| **9225.2** | Special glue gr 500 with brush | 5 |



Prewired cable 2X1 mm²

| ARTICLE | PRODUCT DESCRIPTION | Packaging pcs |
|---|---|---|
| **9016.0** | Prewired cable mm² 2X1 (50 m) | 1 |
| **9016.1** | Prewired cable mm² 2X1 (100 m) | 1 |
| **9016.7** | Prewired cable mm² 2X1 (25 m) | 1 |

# INSTALLATION MATERIAL

## Ø 50 INSTALLATION KITS

The installation kit includes everything needed to set up a central vacuum system.
Installation kits can be combined in order to obtain the number of vacuum inlets required.
(Example: an installation with 8 vacuum inlets can be made adding N. 1 kit with 3 vacuum inlets + N. 1 kit with 5 vacuum inlets; or it is possible to use N. 2 kits with 4 vacuum inlets).
The material list contained in the kit can be checked in the tables below.

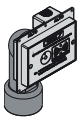
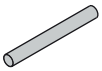
**N.B. The installation kit is made to simplify the purchase of installation material as much as possible. For installations in buildings with standard layout, it is possible to have all the material required with the certainty of being able to complete the pipe network without further additional installation material.**

**Notice**
Installation kits only include the installation material because the vacuum inlets are part of the completion of the system, therefore they should be selected from the appropriate section of the catalogue.

## Ø 50 INSTALLATION KITS

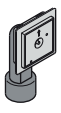
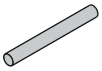
Ø 50

### 1 - Ø 50 INSTALLATION KITS with rectangular mounting plates (art. 1450.0)

| Art. 1450.0 | Art. 1850.0 | Art. 3050.0 | Art. 3050.1 | Art. 4050.1 | Art. 1150.1 | Art. 5050.4 | Art. - | Art. 9225.1 |
|---|---|---|---|---|---|---|---|---|
|  |  | | | | | | | |

| Article | Vacuum inlets N. | EC Mounting plate pcs | PVC pipe m | M/F elbow pcs | F/F elbow pcs | FF Derivation cs | Sleeve pcs | Air vent pcs | Pre-wired conduit m. | Special glue pcs |
|---|---|---|---|---|---|---|---|---|---|---|
| **7030.3** | 3 | 3 | 20 | 9 | 12 | 3 | 9 | 1 | 25 | 1 |
| **7030.4** | 4 | 4 | 28 | 12 | 16 | 4 | 12 | 1 | 37,5 | 1 |
| **7030.5** | 5 | 5 | 36 | 15 | 20 | 5 | 15 | 1 | 50 | 1 |

### 2 - Ø 50 INSTALLATION KITS with square mounting plates (art.1450.4B)

| Art. 1450.4B | Art. 1850.0 | Art. 3050.0 | Art. 3050.1 | Art. 4050.1 | Art. 1150.1 | Art. 5050.4 | Art. - | Art. 9225.1 |
|---|---|---|---|---|---|---|---|---|
|  |  | | | | | | | |

| Article | Vacuum inlets N. | EC Mounting plate pcs | PVC pipe m | M/F elbow pcs | F/F elbow pcs | FF Derivation cs | Sleeve pcs | Air vent pcs | Pre-wired conduit m. | Special glue pcs |
|---|---|---|---|---|---|---|---|---|---|---|
| **7030.3E** | 3 | 3 | 20 | 9 | 12 | 3 | 9 | 1 | 25 | 1 |
| **7030.4E** | 4 | 4 | 28 | 12 | 16 | 4 | 12 | 1 | 37,5 | 1 |
| **7030.5E** | 5 | 5 | 36 | 15 | 20 | 5 | 15 | 1 | 50 | 1 |

# METAL INSTALLATION MATERIAL

## THE SOLUTION FOR SPECIAL INSTALLATIONS

**INDUSTRIAL DNA**
suction of explosive, incandescent or abrasive materials
1

**ANTISTATIC**
avoid generation of sparks
2

**GROUNDING**
the entire piping becomes conductive
3

In case of central vacuum systems for special applications, Sistem Air has a complete line of pipes and connections in metal.
The use of metal fittings is necessary in the following cases:
- Vacuum of highly flammable or explosive materials, which could explode in the pipe network due to sparks generated by the accumulation of static charges formed with air passage in PVC pipes. In order to disperse these charges, a fully conductive earth pipeline connection must be made, thanks to special jointing sleeves which allow the electrical conductivity;
- vacuum of incandescent materials, which could puncture the plastic pipes once they have been vacuumed;
- vacuum of abrasive materials, capable of eroding the plastic pipes, especially in curves;
- Exposed pipework, where there is the need to avoid that the outer walls of the pipe deposit environmental dust attracted by the static charges present .

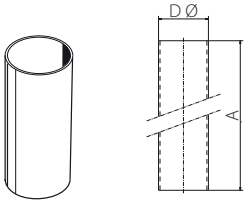
All zinc coated steel pipes are available **Ø 50,60 and 80 mm.**

The coupling sleeves of the metal fittings have a conductive tab, which once the screws of the sleeve have been tightened, ensures continuity along the pipe.

# METAL INSTALLATION MATERIAL

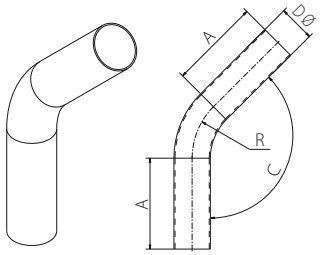
## 2 - Zinc-coated installation material

Rigid steel pipes and connections, built to guarantee endurance and electric transmission in all the contexts where these characteristics are essential for correct installation.




STEEL PIPES

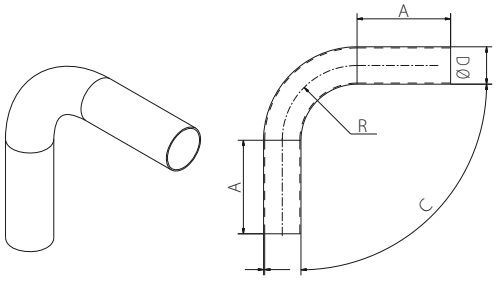
| ARTICLE | PRODUCT DESCRIPTION | A | D | Weight Kg/m | Packaging m |
|---|---|---|---|---|---|
| **1850.0F** | Steel pipe Ø 50 (2 m bars) | 2000 | Ø 50 | 1,8 | 2 |
| **1863.0F** | Steel pipe Ø 60 (2 m bars) | 2000 | Ø 60 | 2,175 | 2 |
| **1880.0F** | Steel pipe Ø 80 (2 m bars) | 2000 | Ø 80 | 2,9 | 2 |
| **1810.0F** | Steel pipe Ø 100 (2 m bars) | 2000 | Ø 101,6 | 3,7 | 2 |




45° STEEL ELBOWS

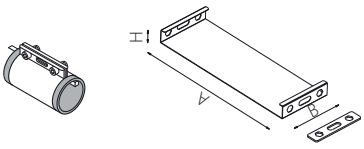
| ARTICLE | PRODUCT DESCRIPTION | A | R | C | D | Weight g | Packaging Pcs |
|---|---|---|---|---|---|---|---|
| **3050.1F** | Steel elbow 45° M/M Ø 50 | 125 | 100 | 135° | Ø 50 | 590 | 1 |
| **3063.1F** | Steel elbow 45° M/M Ø 60 | 125 | 150 | 135° | Ø 60 | 800 | 1 |
| **3080.1F** | Steel elbow 45° M/M Ø 80 | 160 | 110 | 135° | Ø 80 | 1180 | 1 |
| **3010.1F** | *Steel elbow 45° M/M Ø 100 | 188 | 130 | 135° | Ø 100 | 2355 | 1 |

*tolerance 5 mm




90° STEEL ELBOWS

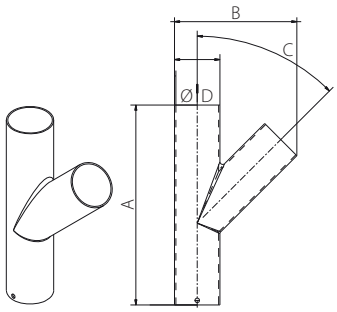
| ARTICLE | PRODUCT DESCRIPTION | A | R | C | D | Weight g | Packaging Pcs |
|---|---|---|---|---|---|---|---|
| **3050.0F** | Steel elbow 90° M/M Ø 50 | 125 | 100 | 90° | Ø 50 | 730 | 1 |
| **3063.0F** | Steel elbow 90° M/M Ø 60 | 125 | 150 | 90° | Ø 60 | 1050 | 1 |
| **3080.0F** | Steel elbow 90° M/M Ø 80 | 150 | 110 | 90° | Ø 80 | 1375 | 1 |
| **3010.0F** | Steel elbow 90° M/M Ø 100 | 189 | 130 | 90° | Ø 101,6 | 2865 | 1 |




JUNCTION GROUPS

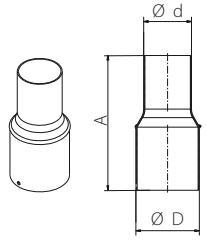
| ARTICLE | PRODUCT DESCRIPTION | A | B | H | Packaging Pcs |
|---|---|---|---|---|---|
| **1150.1F** | Steel junction groups Ø 50 | 171 | 60 | 14 | 5 |
| **1163.1F** | Steel junction groups Ø 60 | 203,5 | 60 | 14 | 5 |
| **1180.1F** | Steel junction groups Ø 80 | 272 | 60 | 14 | 5 |
| **1110.1F** | Steel junction groups Ø 100 | 341 | 60 | 14 | 1 |

# INSTALLATION MATERIAL



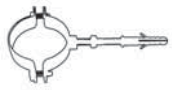

45° STEEL DERIVATIONS

| ARTICLE | PRODUCT | Measures A | Measures B | Measures C | Measures D | Weight kg | Packaging Pcs |
|---|---|---|---|---|---|---|---|
| **4050.0F** | 45° steel derivations M/M/M Ø 50 | 220 | 140 | 45° | Ø 50 | 0,56 | 1 |
| **4063.0F** | 45° steel derivations M/M/M Ø 60 | 250 | 160 | 45° | Ø 60 | 0,76 | 1 |
| **4080.0F** | 45° steel derivations M/M/M Ø 80 | 320 | 190 | 45° | Ø 80 | 1.225 | 1 |
| **4010.0F** | 45° steel derivations M/M/M Ø 100 | 400 | 245 | 45° | Ø 100 | 2.610 | 1 |




STEEL EXTENSIONS

| ARTICLE | PRODUCT | Measures A | Measures D | Measures d | Weight kg | Packaging Pcs |
|---|---|---|---|---|---|---|
| **6050.0F** | Steel extensions Ø 50 / Ø 60 | 120 | Ø 60 | Ø 50 | 0,25 | 1 |
| **8060.0F** | Steel extensions Ø 60 / Ø 80 | 170 | Ø 80 | Ø 60,3 | 0,45 | 1 |
| **1080.0F** | Steel extensions Ø 80 / Ø 100 | 200 | Ø 100 | Ø 80 | 0,83 | 1 |



Fixing collars

| ARTICLE | PRODUCT | Packaging Pcs |
|---|---|---|
| **1401.50** | Collar Ø 50 mm | 10 |
| **1401.60** | Collar Ø 60 mm | 10 |
| **1401.80** | Collar Ø 80 mm | 5 |
| **1401.100** | Collar Ø 100 mm | 5 |

## ANTISTATIC CLEANING ACCESSORIES

In case of vacuum of materials likely to create an accumulation of static charges, also along the flexible hoses, Sistem Air has a specific hose able to disperse them through a special vacuum inlet with an earth connection. All the flexible components for antistatic cleaning are made of conductive material, in order to allow the passage of static electricity.

Factory with installation and antistatic accessories

Antistatic vacuum inlet with ground connection

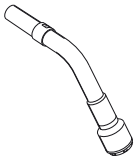
## ANTISTATIC CLEANING ACCESSORIES Ø 32

ANTISTATIC FLEXIBLE HOSE Ø 32

| ARTICLE | PRODUCT DESCRIPTION | Packaging m |
|---|---|---|
| **7037.30A** | Antistatic flexible hose Ø 32 (m 30) | 30 |

ANTISTATIC INLET CONNECTOR Ø 32

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **7038.0A** | Antistatic inlet connector Ø 32 | 1 |



ANTISTATIC CHROMIUM PLATED HANDGRIP Ø 32

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **7039.0A** | Antistatic chromium plated handgrip Ø 32 | 1 |

## ANTISTATIC CLEANING ACCESSORIES Ø 40

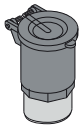
ANTISTATIC FLEXIBLE HOSE Ø 40

| ARTICLE | PRODUCT DESCRIPTION | Packaging m |
|---|---|---|
| **7037.40A** | Antistatic flexible hose Ø 40 (m 30) | 10 |

ANTISTATIC INLET CONNECTOR Ø 40

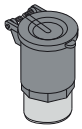
| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **7038.1A** | Antistatic inlet connector Ø 40 | 1 |

## UNIVERSAL ANTISTATIC INDUSTRIAL INLETS Ø 32/40



ANTISTATIC INDUSTRIAL VACUUM INLET

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1556.0A** | Antistatic industrial vacuum inlet w/micro Ø 32/40 | 1 |



ANTISTATIC INDUSTRIAL VACUUM INLET W/MICRO ATEX

| ARTICLE | PRODUCT DESCRIPTION | Packaging Pcs |
|---|---|---|
| **1556.0AX** | Antistatic industrial vacuum inlet w/micro Atex Ø 32/40 | 1 |

this product can be installed in Atex zone 22 (Area in which, during normal activities, the formation of an explosive atmosphere in the form of a cloud of combustible dust is not likely and, if it occurs, it is only of short duration)

# INSTALLATION MATERIAL

## INSTALLATION MATERIAL TECHNICAL FEATURES

**PVC PIPING**
Ø 40/50x2.2 mm, Ø 63x3 mm, Ø 80 x3 mm, Ø 100x3 mm.
PVC piping (non plastic polyvinyl chloride, PVC-U) for air vacuum.
Self-extinguishing piping, cat. 1 according to material classification in the D.M 26.06.1984 (Ministerial Degree) based on ISO 1182, UNI 8457 test methods.
Grey colour.
Compliance with legislation:
Ø 50 pipes – Specification based on ex UNI 7443:1985 + F.A. 178:1987
P.I.I.P. certification issued by the Italian Institute of Plastics.
Ø 63-80-100 pipes - UNI EN 1329:2000
P.I.I.P. certification issued by the Italian Institute of Plastics.
Applied compliance label: Piip/c 261.
The Sistem Air rigid pipe with circular section is for use on centralised vacuum systems and for discharge that is not under pressure or compressed ventilation.
Suitable for glued joints.

**PVC CONNECTORS**
PVC connectors for air vacuum.
The connectors have a calibrated coupling diameter to obtain the best coupling with the pipes.
Available in numerous forms and connections, in Ø 50, Ø 63, Ø 80, Ø100 diameters as well as the numerous accessories.
Colour: grey.
Self-extinguishing.
Fire resistance level: behavioural category according to RSN-M1 legislation
(superior standard quality in the field of plastic fire resistance).

**STEEL PIPES AND FITTINGS**
Steel PIPES welded with HF method (high frequency induction welding), produced according to EN 10305-3 / 5 standard
Ø 50 mm thickness 1.50
Ø 60 mm thickness 1.50
Ø 80 mm thickness 1.50
Ø 101.6 mm thickness 2.00

Sleeves: AISI 304 F.2B steel (thickness 1.5 mm) according to EN 10088-2: 2014 1.4301 standard

**ANTISTATIC INLET WITH ATEX MICRO / SWITCH**
EN 61058-1 250VAC / 6A 50'000 cycles
EN 61058-1 400VAC / 6A 50'000 cycles
UL 61058-1 250VAC / 6A 50'000 cycles
UL 61058-1 400VAC / 6A 50'000 cycles
CSA C22.2 250VAC / 6A 6'000 cycles *
ATEX 113d / Ex t IIIB 84 ° C Dc 250VAC / 6 °

# INSTALLATION MATERIAL TECHNICAL FEATURES

**PRE-WIRED CONDUIT**
Pre-wired, protective, folding insulating conduit.
Grey colour , Ø 16 mm.
CE, IMQ labelling.
IMQ certification.
Complies with the following regulations:
-EN 50086-1:1993
-EN 50086-2-2:1995 +A11:1998
Products conform to the essential requirements found in the B.T.73/23/CEE directive and subsequent changes.
Pipe with C1 base classification. 3422, corrugated, DOES NOT propagate flames.
Further C1 classification. 32-0-010.
Product halogen-free in accordance with:
IEC EN 50267-2-1:1999 and IEC EN 50267-2-2:1999.
This kind of conduit is suitable for all those places requiring non-toxic characteristics and non emission of fumes or toxic gases.
Reference document:
IEC EN 50267-1:1999 - Cat. IEC 20-37/2-0- F. 5325
IEC EN 50267-2-1:1999-Cat. IEC 20-37/2-1- F. 5326
The same as IEC 60754-1
IEC EN 50267-2-2:1999-Cat. IEC 20-37/2-2- F. 5327
The same as IEC 60754-2.
Suitable in cases where particular mechanical resistance is needed.
Crush resistance (pipe): Cat. 3 average (greater than 750 N on 5 cm at +20°C)
Impact resistance (pipe): Cat. 3 average (2 joules at -5°C)
Minimum working temperature (pipe): Cat. 2 (-5°C)
Maximum working temperature (pipe): Cat. 1 (+60°C)
For the cables:
The conduction wires are IMQ certified, red colour and No7VK type, do not propagate fire, with 1 mm2 section.
Legislation:
IEC 20-20, 20-22, 20-37
IEC-UNEL 35752
CENELEC H D 21

**FIRE FIGHTING COUPLINGS**
To be applied everywhere that fire prevention legislation is in effect.
Fire resistance cat.: REI 180 certified (180 min).
The fire fighting couplings are used to seal the crossings of engineering resin pipes (PVC, PE, PP) in fire prevention compartments.
At a temperature of approx. 150°C, the internal intumescent material starts expanding thus increasing its own volume by about 10 times, developing a considerable pressure, enough to activate the fire resistance closure system that keeps in burning gases.
Read the safety instructions before use.
To use them, the fire stop couplings must be used in compliance with fire resistance certificates both in number and orientation as well as fixing system.

**GLUE**
Certified PVC based glue dissolved in solvent.
Basic ingredients: PVC resins.
Special ingredients: organic solvents.
Solder the glued junction.
Gluing is equally resistant to chemical agents and has the same mechanical properties as hard PVC.
Its controlled viscosity means it can easily be applied without gluing.
Ideal for longitudinal junctions on hard PVC pipes and the assembling of PVC pipes and connectors.

Sistem Air accessories are characterised by high quality construction, giving excellent functionality and extended wear resistance. The wide range of accessories can meet every cleaning requirement.

# KITS AND ACCESSORIES


| | |
|---|---|
| FLISY 2 | 59 |
| SYSTEM TECH FLISY 2 | 63 |
| CLEANING ACCESSORIES NATURAL TRENDY | 66 |
| COMPLETE CLEANING KITS NATURAL TRENDY | 68 |
| SINGLE ACCESSORY KIT | 70 |
| SPECIAL CLEANING SEPARATORS | 74 |
| HOSE REEL ROLL FLEX | 76 |

SISTEMA AIR

# FLISY 2: REVOLUTIONARY ON-OFF

The Flisy 2 wireless ON / OFF pipe can be used in all central vacuum systems. It is compatible with both domestic and industrial use (in the case of use by multiple operators it is not advisable to leave the pipe inserted in the inlet when not in use).

**INTEGRATED**
compact design
ultra-thin

**INFINITE**
always works, even with a discharged battery

**ULTRALIGHT**
compared to the previous generation

## FLISY AN ALWAYS UP TO DATE SYSTEM

Flisy has been refreshed, but maintains the points that have made it the benchmark in the sector:

- **COMFORTABLE:** allows suction start and stop using a button integrated in the handle.
- **RELIABLE:** tested to always guarantee correct operation. Lifetime warranty on electronic components.
- **LIGHT:** weight reduced by about 40% compared to an electrified pipe.
- **RESISTANT:** greater flexibility and sturdiness.
- **UNIVERSAL:** compatible with the main vacuum inlets on the market.
- **INTELLIGENT:** the electronic technology used avoids accidental operation of the system.
- **ERGONOMIC:** the handle is designed to offer greater lightness while maneuvering the pipe.
- **EASY TO HANDLE:** both the handle and the inlet connection rotate 360°, ensuring maximum freedom during use.

# ACCESSORY CLEANING KIT FLISY 2

## WE HAVE IMPROVED THE BEST

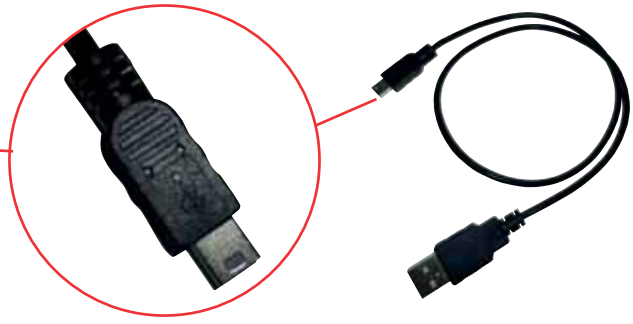
On an aesthetic level, Flisy 2 differs from the first generation in a few details: a new receiver design and the absence of graphics on the handle.
**But the substantial differences are internal, where work has gone into improving functionality, operation and robustness. The result is an even more effective and reliable system.**

### 1 - New receiver

The receiver board has been miniaturized to make the board holder support less aesthetically evident and at the same time, reduce the possibility of impact while handling the pipe. These changes have not increased fragility. On the contrary, they allow **greater strength.**

### 2 - No more batteries to replace

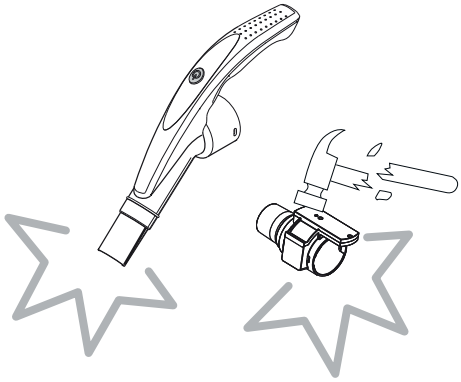
A slim, light **rechargeable battery** has been mounted on the Flisy receiver, which eliminates the periodical need to replace exhausted batteries and makes the device lighter. For charging, the simplest and most widespread standard was chosen, in order not to represent a constraint for anyone: **any power supply with a USB output**, to which the charging cable supplied with Flisy 2 can be connected is enough.



Charging cable supplied

### 3 - Impact resistance

New internal ribs have been introduced to **strengthen the plastics**, while support brackets for the electronic component batteries have been added, integrating them with their mounting boards, so that they can no longer be unseated due to knocks during use.



### 4 - Universal use

In new Flisy 2 is designed to **work with any central vacuum system** where the micro-switch line connecting the suction inlets is provided. This applies to all installations in the world, without problems with the power supply to the control unit or voltage present on the microswitch line. So everyone can experience the benefits of Flisy 2.

### 5 - Always works

Flisy 2 is designed to guarantee the **start-up of the system in any condition**: even when the battery is discharged (perhaps because recharging was forgotten) or when the electronics are damaged. In fact, the electronic circuit inside the receiver is a normally closed type: when the pipe is inserted into the inlet, it causes the central unit to start up regardless, while its removal from the inlet causes the system to stop. To simplify: in case of failure / low batteries Flisy 2 behaves like a traditional pipe with metal fitting: it will not have the ON / OFF functionality from the handle, but will equally allow the use of the central vacuum cleaner.

## DISTINCTIVE PRODUCT DETAILS

### 1 - Ultralight

- Maximum user comfort thanks to the grip and the inlet connection, which rotates 360°
- Maximum lightness of the pipe due to the absence of the conductor wire

**Flisy tube 2 Wireless 7m**
**1.680 g**

**Traditional 7m electrified pipe**
**2.985 g**

### 2 - Lifetime reliabilty warranty

The Flisy 2 system combines the best electronic components on the market with precision assembly, to arrive at an impeccable product both in construction and in operation:
quality that is verified by giving a **lifetime guarantee** on electronic parts.

The technology contained in the Flisy system represents an exclusive innovation at a global level.

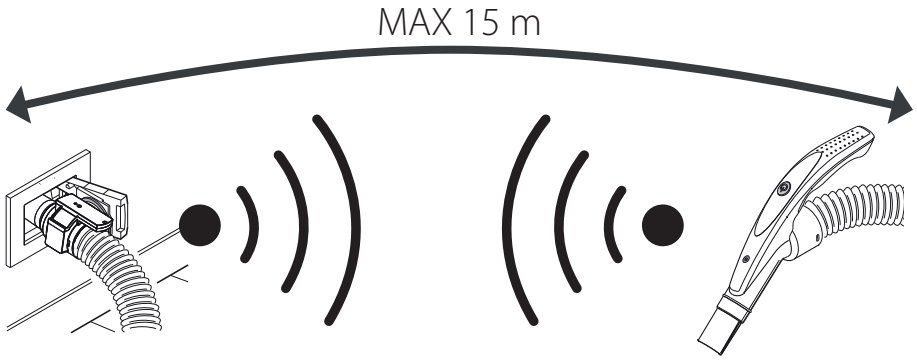
**PATENTS IT 1394092**
**PATENTS IT 270966**

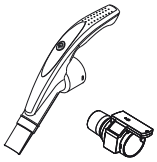
The patents obtained are the confirmation of the exceptional value of this product.

# ACCESSORY CLEANING KIT FLISY 2

### 3 - Reception guaranteed in all conditions

The distance between the transmitter and the receiver is limited to the length of the flexible pipe on which they are mounted. In this way the signal, which has a higher coverage is always received, allowing suction start and stop every time.



Flisy2 wireless handgrip and inlet connection Ø 32

For the conversion of a standard pipe into an ON-OFF pipe

| Article | Color | Material | Packing Pcs |
|---|---|---|---|
| **7039.10W** | - | Plastic | 1 |

# SYSTEM TECH FLISY

REMOTELY INSTALLABLE RECEIVER

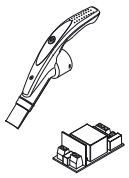
System Tech Flisy represents the latest evolution of the wireless ON / OFF pipe concept, able to combine the convenience of the switch on the handle, the lightness of the pipe and the practicality of producing the pipe.

## FIELD OF USE

The System Tech Flisy wireless ON / OFF system can be used in all central vacuum systems. For correct operation, the receiver board must be connected to the inlets and to the mains power supply. It is compatible with both domestic and industrial power installation use (although in the case of use by multiple operators it is not advisable to leave the pipe inserted in the inlet when not in use).

## FLISY SYSTEM TECH ON-OFF SYSTEM

The system consists of a handle with integrated transmitter and a receiver board connected to one or more vacuum inlets.
Where the surface area of the residence requires presence of several receiving boards for cover, the system allows use of a **single handle for all the boards**, making System Tech Flisy easy to use.



System Tech Flisy on-off system

Flisy handle and receiver board

| Article | Color | Material | Packing Pcs |
|---|---|---|---|
| **7039.4W** | White / Gray | Plastic | 1 |

Sistem Tech Flisy receiver module

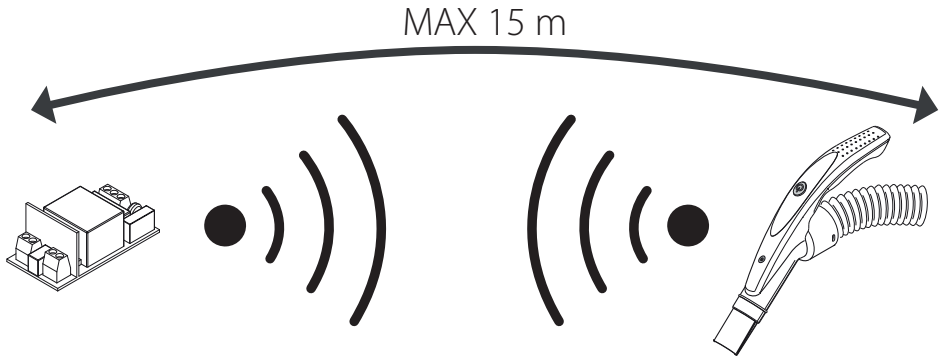
Flisy receiver board

| Article | Color | Material | Packing Pcs |
|---|---|---|---|
| **3301.12** | - | - | 1 |

## DISTINCTIVE PRODUCT DETAILS

### 1 - Wide coverage range

The signal emitted by the transmitter gives approximately 15m radius cover inside the house. To have the best possible reception, locate the receiver board where there are no elements capable of shielding the signal and any disturbances are reduced to a minimum.




Where signal coverage permits, it is possible to use a single receiver to serve multiple floors, otherwise multiple receiver boards are installed.

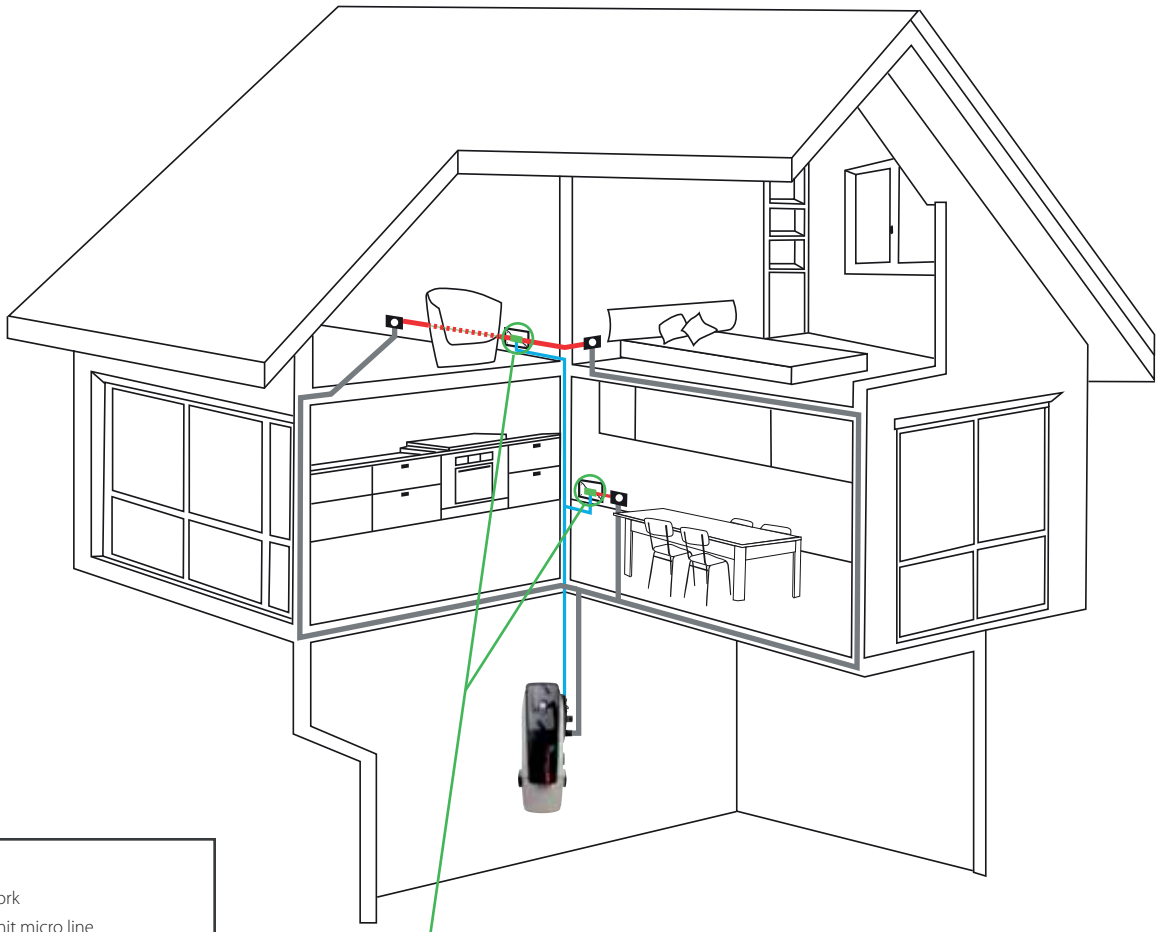
A single handle is capable of communicating with multiple receiving boards.

# ACCESSORY CLEANING KIT

## A NEW WAY TO DESIGN A SYSTEM

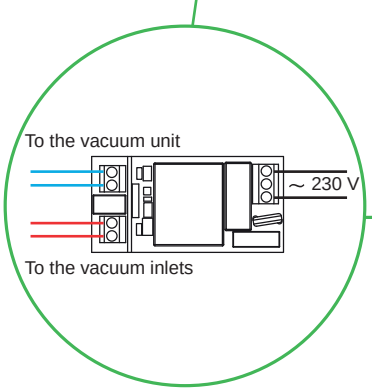
With System Tech Flisy it is possible to install the system by innovating the electric remote connection to vacuum unit.
The total installation is divided into **different areas where the reception of the module is guaranteed**: the vacuum inlets in this area are connected to the receiving module so as to activate vacuum. With the same handle it is possible to manage the vacuum of different areas, and the activation of the receiver in a specific area won't interfere with receivers in other areas.

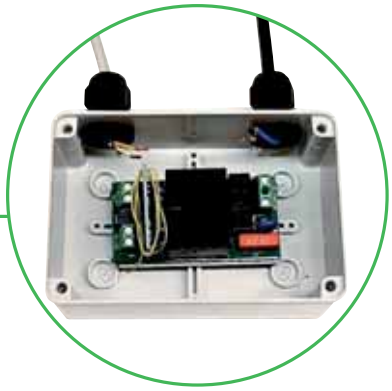
### 1 - System Tech Flisy electric connection



LEGEND

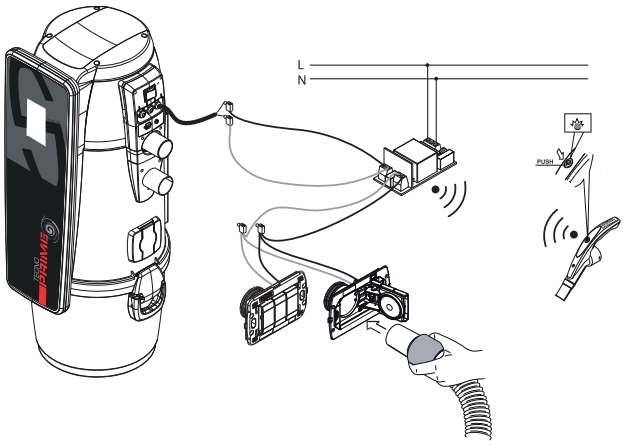
- Pipe network
- Vacuum unit micro line
- Vacuum inlet micro line
- System Tech Flisy receiving board
- Vacuum inlet



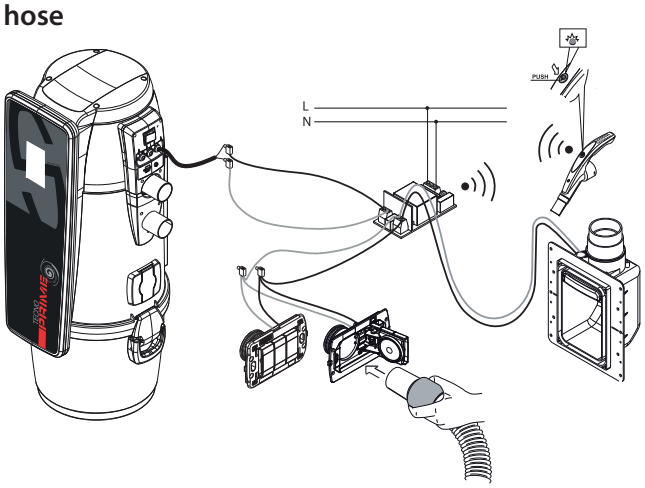



The receiving card can be fixed in an electrical box, which can be hidden or, if there are no particular aesthetic needs, it can be fixed in a point that allows maximum signal reception.

## 2 - Use with traditional flexible hose or with retractable hose



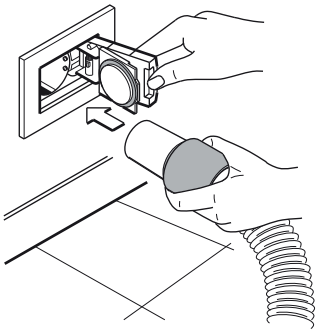

Electric connection with standard vacuum inlets

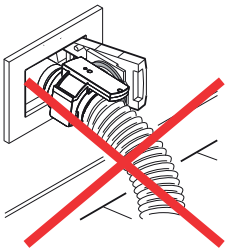



Electric connection in a mixed installation with traditional vacuum inlets and with retractable hose vacuum inlets.

## 3 - Greater ease of use

By removing the receiver module in the inlet connector, the system becomes more robust, avoiding malfunctions due to accidental knocks of the electronic board previously present on this connector.





System Tech Flisy allows you to have all the advantages of the Flisy wireless ON / OFF control without the limit of the receiver integrated in the inlet connector. In this way the hose will be more manageable but, above all, it becomes possible to create systems with the receiver installed remotely, with the advantage of being able to install the Sistem Air control units even on predispositions without a microswitch line.

# ACCESSORY CLEANING KIT

## NATURAL TRENDY

**NATURAL**
natural bristles for surface care

1

**ERGONOMIC**
designed to give maximum comfort

2

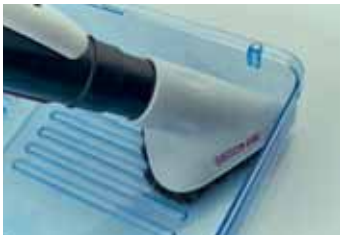
**COMFORTABLE**
they simplify cleaning and make it less tiresome

3

Sistem Air Natural brushes satisfy every cleaning need. Equipped with natural bristles, articulated joints, ergonomic shapes and white in color. They are also equipped with rubber bumpers to protect the furniture.

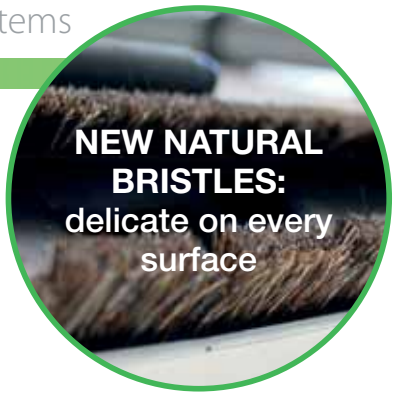
Perfect grip on curved surfaces

Reduced thickness, for maximum ease of use



Dust gently without leaving scratches

Effective but gentle on hard surfaces and carpets




# NATURAL TRENDY BRUSHES

The Natural Trendy range is designed to make the use of the central vacuum system even more advantageous: these are brushes made using quality materials, with movements that simplify daily use, make cleaning faster and allow you to safeguard objects and the surfaces with which they come into contact.

## DOUBLE USE BRUSH

Natural double floor-carpet brush

## PARQUET BRUSH

Natural parquet brush

## FLOOR BRUSH

30 cm Natural Floor brush

## MATTRESS BRUSH

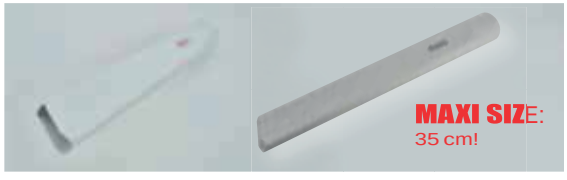
Natural mattress brush and upholstery

## CLOTHES BRUSH

Natural brush with bristles

## RADIATOR BRUSH

Natural radiator brush




## NOZZLE FOR CORNERS

Natural Nozzle for corners

## DUSTING BRUSH

Dusting brush with bristles Natural

# ACCESSORY CLEANING KIT Natural Trendy complete kits

## COMPLETE ON/OFF ACCESSORY KITS

**Cleaning kits Ø 32 mm for RECTANGULAR or SQUARE mounting plates**

Flisy2 accessory kits are totally new thanks to Flisy2 hose: a light and flexible hose, without internal wiring, but with the convenience of the wireless system, allowing system operation directly on the hand grip.
Flisy2 kits are available in 6 different combinations, with 7 m or 9 m hoses and with a wide range of accessories, for every kind of need.
They are supplied in an elegant customised package.

**Kit wireless Natural**

ON-OFF starting

**Natural Basic cleaning kits Flisy**

| | | |
|---|---|---|
| ARTICLE **7530.7W** | NATURAL BASIC cleaning accessory kit | Flexible **7 m** |
| ARTICLE **7530.9W** | NATURAL BASIC cleaning accessory kit | Flexible **9 m** |

| | Article | Description | Q.ty |
|---|---|---|---|
| | **7041.1** | Accessory holder (4 pieces). | 1 |
| | - | 7/9 m flexible hose | 1 |
| | **7039.10W** | Flisy handle and inlet connection | 1 |
| | **7040.0** | Pair of chrome pipes | 1 |
| | **7747.1** | 30 cm floor brush Natural | 1 |
| | **7743.0** | Dusting brush Natural | 1 |
| | **7745.0** | Crevice tool Natural | 1 |

**Natural Smart cleaning kits Flisy**

| | | |
|---|---|---|
| ARTICLE **7532.7W** | NATURAL SMART cleaning accessory kit | Flexible **7 m** |
| ARTICLE **7532.9W** | NATURAL SMART cleaning accessory kit | Flexible **9 m** |

| | Article | Description | Q.ty |
|---|---|---|---|
| | **7041.0** | Accessory holder (10 pieces) | 1 |
| | - | 7/9 m flexible hose | 1 |
| | **7039.10W** | Flisy handle and inlet connection | 1 |
| | **7040.0** | Pair of chrome pipes | 1 |
| | **7743.0** | Dusting brush Natural | 1 |
| | **7736.0** | Natural double floor-carpet brush | 1 |
| | **7745.0** | Crevice tool Natural | 1 |
| | **7742.0** | Clothes brush Natural | 1 |
| | **7744.0** | Mattress – upholstery brush Natural | 1 |
| | **7040.5** | STOP-objects accessory | 1 |

**Natural Deluxe cleaning kits Flisy**

| | | |
|---|---|---|
| ARTICLE **7531.9W** | NATURAL DELUXE cleaning kits Flisy | Flexible **9 m** |

| | Article | Description | Q.ty |
|---|---|---|---|
| | **7041.0** | Accessory holder (10 pieces) | 1 |
| | - | 9 m Flexible hose | 1 |
| | **7037.4** | Sock for flexible hose (10 m) | 1 |
| | **7039.10W** | Flisy handle and inlet connection | 1 |
| | **7040.1** | Chromed telescopic extension | 1 |
| | **7747.1** | 30 cm floor brush cm 30 Natural | 1 |
| | **7736.0** | Natural double floor-carpet brush | 1 |
| | **7743.0** | Dusting brush Natural | 1 |
| | **7746.0** | Radiator brush Natural | 1 |
| | **7742.0** | Clothes brush Natural | 1 |
| | **7744.0** | Mattress – upholstery brush Natural | 1 |
| | **7745.0** | Crevice tool Natural | 1 |

## COMPLETE ACCESSORY KITS

**Cleaning kits Ø 32 mm for RECTANGULAR or SQUARE mounting plates**

Sistem Air cleaning accessory kits contain all the brushes required to clean in an easy, precise way.

Tradizional system: the suction starts when the hose with the metal connector is inserted in the inlet

### Natural Basic cleaning kits

| | | |
|---|---|---|
| ARTICLE **7530.7** | Kit accessori pulizia mod. NATURAL BASIC | **7 m** flexible |
| ARTICLE **7530.9** | Kit accessori pulizia mod. NATURAL BASIC | **9 m** flexible |

| | Article | Description | Q.ty |
|---|---|---|---|
| | **7041.1** | Accessory holder (4 pieces).. | 1 |
| | - | 7/9 m flexible hose | 1 |
| | **7038.0M** | Metal ring connection | 1 |
| | **7039.1** | Plastic handle | 1 |
| | **7040.0** | Pair of chrome pipes | 1 |
| | **7743.0** | Dusting brush Natural | 1 |
| | **7747.1** | 30 cm floor brush Natural | 1 |
| | **7745.0** | Crevice tool Natural | 1 |

### Natural Smart cleaning kits

| | | |
|---|---|---|
| ARTICLE **7532.7** | NATURAL SMART cleaning kits | Flexible **7 m** |
| ARTICLE **7532.9** | NATURAL SMART cleaning kits | Flexible **9 m** |

| | Article | Description | Q.ty |
|---|---|---|---|
| | **7041.0** | Accessory holder (10 pieces). | 1 |
| | - | 7/9 m flexible hose | 1 |
| | **7038.0M** | Metal ring connection | 1 |
| | **7039.1** | Plastic handle | 1 |
| | **7040.0** | Pair of chrome pipes | 1 |
| | **7743.0** | Dusting brush Natural | 1 |
| | **7736.0** | Natural double floor-carpet brush | 1 |
| | **7742.0** | Clothes brush Natural | 1 |
| | **7744.0** | Mattress – upholstery brush Natural | 1 |
| | **7745.0** | Crevice tool Natural | 1 |
| | **7040.5** | STOP-objects accessory | 1 |

### Natural Deluxe cleaning kits

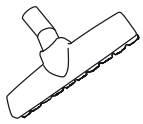
| | | |
|---|---|---|
| ARTICLE **7531.9** | NATURAL DELUXE cleaning kits | Flexible **9 m** |

| | Article | Description | Q.ty |
|---|---|---|---|
| | **7041.0** | Accessory holder (10 pieces). | 1 |
| | - | 9 m flexible hose | 1 |
| | **7038.0M** | Metal ring connection | 1 |
| | **7037.4** | Sock for flexible hose (10 m) | 1 |
| | **7039.0** | Chrome handle | 1 |
| | **7040.1** | Chromed telescopic extension | 1 |
| | **7747.1** | 30 cm floor brush cm 30 Natural | 1 |
| | **7736.0** | Natural double floor-carpet brush | 1 |
| | **7743.0** | Dusting brush Natural | 1 |
| | **7746.0** | Radiator brush Natural | 1 |
| | **7742.0** | Clothes brush Natural | 1 |
| | **7744.0** | Mattress – upholstery brush Natural | 1 |
| | **7745.0** | Crevice tool Natural | 1 |

# ACCESSORY CLEANING KIT

## CLEANING ACCESSORIES Ø 32

Sistem Air accessories are supplied with single package. They can be used in domestic and professional applications.



### 30 CM Natural FLOOR BRUSH

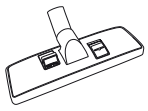
Natural Floor brush

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7747.1** | white | Plastic | 1 |

### Natural BRUSH WITH BRISTLES

Brush with long natural bristles for cleaning clothes

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7742.0** | white | Plastic | 1 |



### Natural DOUBLE FLOOR-CARPET BRUSH

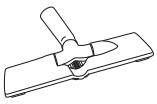
Natural double floor-carpet brush

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7736.0** | white | Plastic | 1 |

### DUSTING BRUSH WITH BRISTLES Natural

Dusting brush with bristles

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7743.0** | white | Plastic | 1 |



### Natural PARQUET BRUSH

Brush without bristles, with joint and cleaning surface in polishing felt

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7735.0** | white | Plastic | 1 |

### NaturaL MATTRESS BRUSH AND UPHOLSTERY

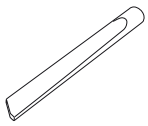
Mattress brush and upholstery

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7744.0** | white | Plastic | 1 |

### Natural RADIATOR BRUSH

To be used together with art. 7045.0

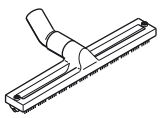
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7746.0** | white | Plastic | 1 |



### Natural NOZZLE FOR CORNERS

Thin nozzle for vacuuming in hard-to-reach places

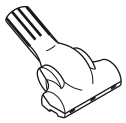
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7745.0** | white | Plastic | 1 |



### FLOOR BRUSH 37 cm

Universal brush, for every kind of surface

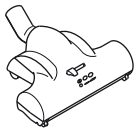
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7047.0** | Black | Plastic | 1 |



### TURBO BRUSH FOR UPHOLSTERY

Brush with comb and rotating bristles

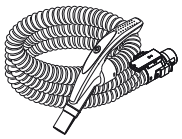
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7033.3** | Black | Plastic | 1 |



## TURBO BRUSH FOR RUGS AND CARPETS

Floor brush with rotating bristles

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7034.0** | Black | Plastic | 1 |



## WIRELESS FLEXIBLE HOSE FLISY 2 9 M

ON/OFF pipe with wireless button

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7037.9W** | Silver | Plastic | 1 |

## BRUSH FOR WOOD BEAMS AND PIPES

Curve brush with bristles

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7033.2** | Black | Plastic | 1 |

## METAL RING CONNECTION Ø 32

With metal ring for system starting

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7038.0M** | Black | Plastic | 1 |

## FLOOR BUSH WITH 180° ROTATION

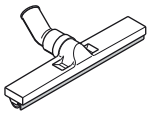
Brush with bristles in natural fibre

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7047.9** | Black | Plastic | 1 |

## EXTENSION PIPE CONNECTOR Ø 32

For connection to art. 7038.0M to connect two

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7048.0** | Black | Plastic | 1 |



## LIQUID BRUSH WITH RUBBER CM 30

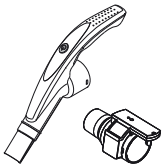
Floor brush without bristles and rubber

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7033.1** | Black | Plastic | 1 |

## FLEXIBLE HOSE Ø 32, 7 M

Flexible hose bundle without connections

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7037.7** | Silver | Plastic | 1 |



## FLISY HANDLE AND INLET CONNECTOR

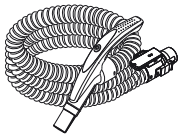
For the transformation of a standard HOSE into an ON-OFF tube

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7039.10W** | - | Plastic | 1 |

## FLEXIBLE HOSE Ø 32, 9 M

Bundle of flexible hose without connections

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7037.9** | Silver | Plastic | 1 |



## WIRELESS FLEXIBLE HOSE FLISY 2 7 M

ON/OFF wireless hose

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7037.7W** | Silver | Plastic | 1 |

## FLEXIBLE HOSE Ø 32, 18 M

Flexible hose bundle without connections

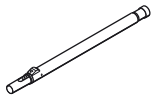
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7037.18** | Silver | Plastic | 1 |

# ACCESSORY CLEANING KIT

PLASTIC HANDLE WITH PRESSURE REGULATOR Ø 32

Handle for flexible hose and accessory connection

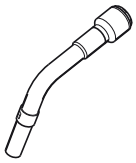
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7039.1** | Grey | Plastic | 1 |



CHROMED TELESCOPIC EXTENSION Ø 32

Telescopic extension for connection with handle and accessories

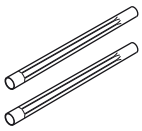
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7040.1** | Steel | Metal | 1 |



CHROMED HANDLE WITH PRESSURE REGULATOR Ø 32

Handle for flexible hose and accessory connection.

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7039.0** | Steel | Metal | 1 |



PAIR OF PLASTIC EXTENSIONS Ø 32

Connection extensions for handle and accessories

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7040.2** | Black | Plastic | 1 |

SOCK FOR FLEXIBLE HOSE 7 M

Soft sock to cover the flexible hose

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7037.1** | Denim | Wool | 1 |

STOP-OBJECTS ACCESSORY

To connect onto the handle of the flexible hose

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7040.5** | Black | Plastic | 1 |

SOCK FOR FLEXIBLE HOSE 10 M

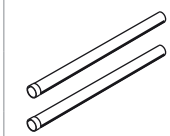
Soft sock to cover the flexible hose

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7037.4** | Denim | Wool | 1 |

PET BRUSH

Curry brush with handle

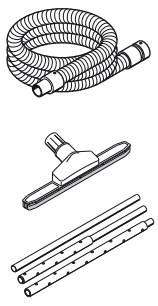
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7049.0** | Black | Plastic | 1 |



PAIR OF EXTENSION CHROMED PIPES Ø 32

Connection extensions for handle and accessories

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7040.0** | Steel | Metal | 1 |

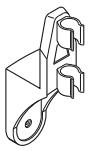


OVEN CLEANING KIT Ø 32

Heat resistant accessories with insulated handle

| Articolo | Colore | Materiale | Imballo Pcs |
|---|---|---|---|
| **7032.3** | Steel | Metal | 1 |

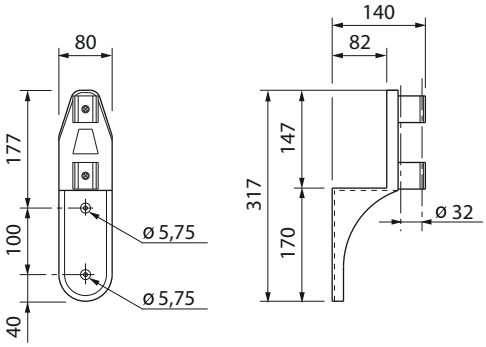
Allow organisation of all vacuum system cleaning accessories.

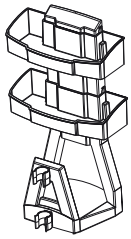


## MINI HOLDER FOR ACCESSORIES - FOR 4 PIECES

To tidy the flexible hose

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7041.1** | Anthracite | Plastic | 1 |

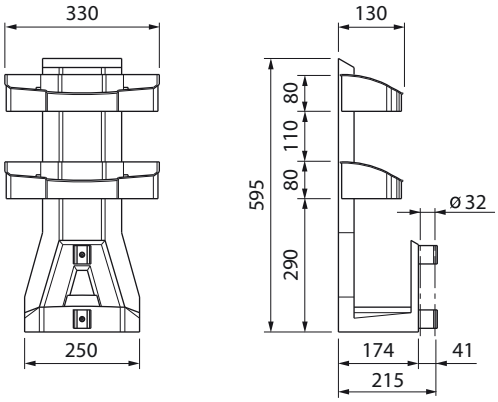


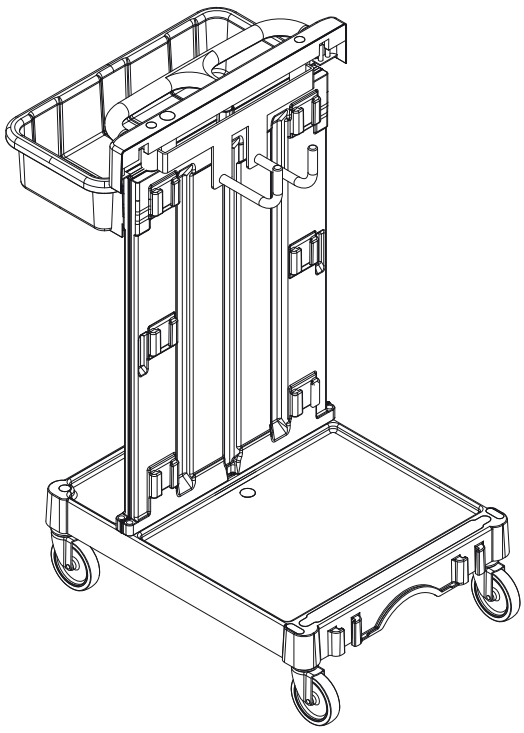



## BASKET HOLDER FOR ACCESSORIES - FOR 10 PIECES

To tidy flexible hose and all accessories

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7041.0** | Anthracite | Plastic | 1 |

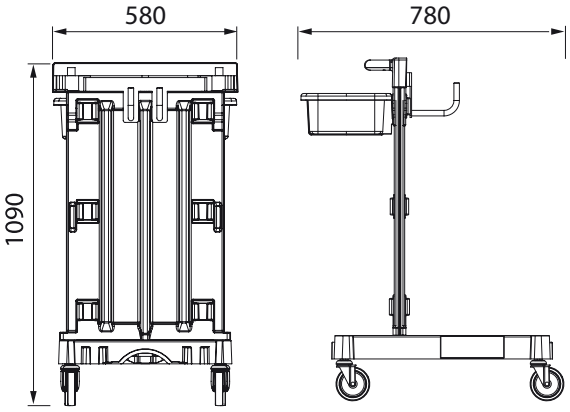


## ACCESSORY CART

To place and transport the flexible hose and accessories

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7041.2** | Grey/Green | Plastic | 1 |

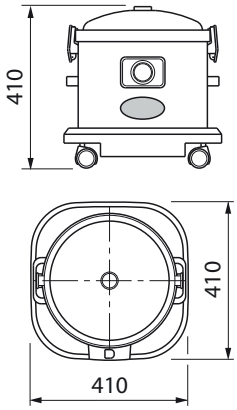


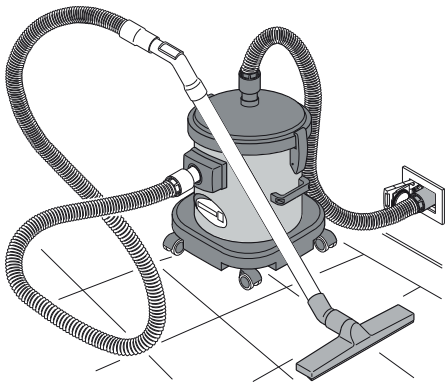
# ACCESSORY CLEANING KIT

## SPECIAL CLEANING SEPARATORS

Special separators are cleaning accessories that can be matched to the central vacuum system: they are used to vacuum liquids or ashes that cannot enter inside the pipe network of the system.
Equipped with reels for movement, they can be transported and emptied quickly and easily.

## LIQUID SEPARATOR



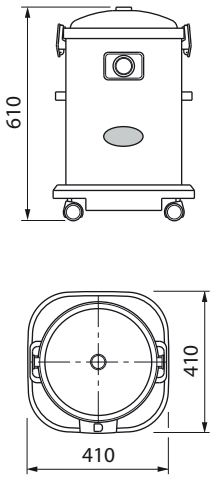
EQUIPMENT
-Ø 32 flexible hose for connection to the system
-Liquid brush
-Vacuum hose adapter

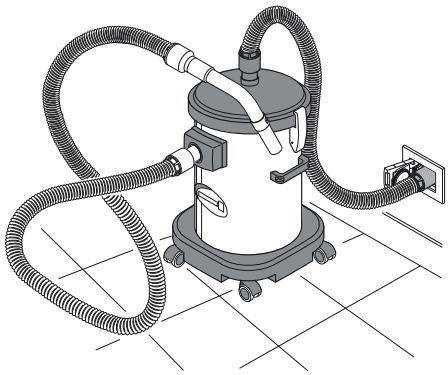
* The hose for cleaning is not included

LIQUID SEPARATOR ON WHEELS WITH ACCESSORIES

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7033.0** | Grey | Plastic | 1 |

## ASH SEPARATOR



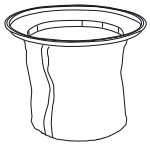



EQUIPMENT
- Ø 32 flexible hose for connection to the system
- Vacuum hose adapter

* The hose for cleaning is not included

METAL ASH SEPARATOR WITH WHEELS

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7033.7** | Steel | Plastic | 1 |



FILTER CARTRIDGE FOR ASHES SEPARATOR

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **1610.10** | White | Fire resistant fabric | 1 |

## CLEANING ACCESSORIES Ø 40 MM

FLEXIBLE HOSE Ø 40 MM (10 m)

Flexible hose bundle without connections

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7037.2** | Black | Plastic | 1 |

DUST BRUSH WITH BRISTLES Ø 40

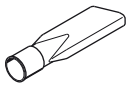
Directable dust brush

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7047.3** | Black | Plastic | 1 |

HANDLE FOR FLEXIBLE HOSE Ø 40

Handle for flexible hose and connection for accessories

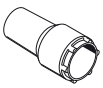
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7038.1** | Black | Plastic | 1 |



CREVICE TOOL Ø 40

Specific tool for corners cleaning

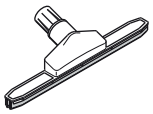
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7047.4** | Black | Plastic | 1 |



SWIVEL CONNECTION Ø 40

Connection flexible hose/vacuum inlet

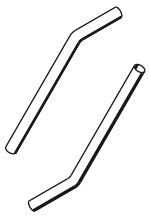
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7038.2** | Black | Plastic | 1 |



LIQUID BRUSH WITH RUBBER Ø 40

Floor brush without bristles

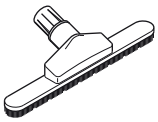
| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7033.8** | Black | Plastic | 1 |



PAIR OF CHROME EXTENSION PIPES Ø 40

Accessory extension pipes

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7039.20** | Steel | Metal | 1 |



FLOOR BRUSH WITH BRISTLES 48 CM, Ø 40

Suitable for any kind of surface

| Article | Color | Material | Package Pcs |
|---|---|---|---|
| **7047.2** | Black | Plastic | 1 |

N.B.: all Ø 40 accessories are to be used with the specific floor inlets (art. 1455.2A e 1455.2N) and industrial inlets (1556.0).

# ACCESSORY CLEANING KIT

## MOTORISED HOSE REEL ROLL FLEX

**FUNCTIONAL**
Automatically roll up/down

1

**20 METERS**
arrives everywhere ideal for large spaces

2

**PROFESSIONAL**
designed for heavy work

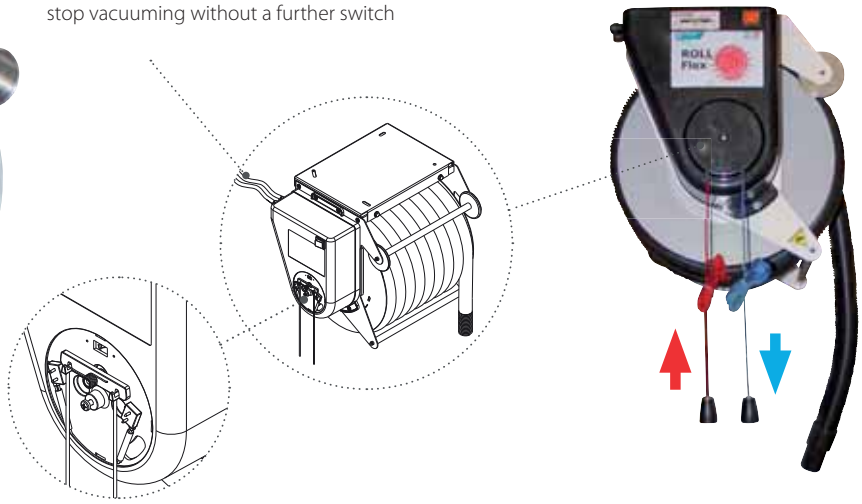
3

Sistem Air's Roll Flex motorized reel represents the evolution of the traditional wall-mounted reel: equipped with a motorized system to roll up and down, it is characterized by extreme robustness, thanks to the careful design of the mechanical and electrical components, projected to resist to numerous cycles of use. The use is also intuitive, with two switches that control the direction of rotation of the wheel.
The connection to the pipe network is on the side, using a simple connection hose.
The activation of the system can be automatic or controlled by a button (see below).

### 1 - Great comfort of use

The hose-reel is equipped with a motor that allows both unfolding and rewinding **without the need of return springs**.

Roll Flex has an integrated contact that allows to start and stop vacuuming without a further switch



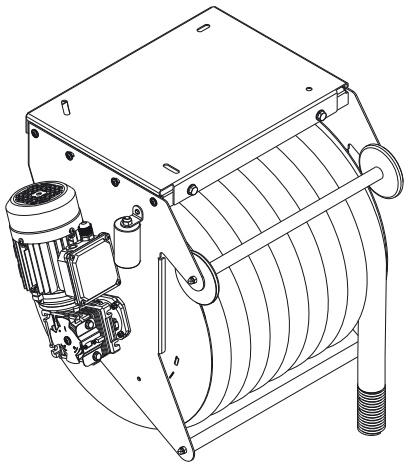
The up / down control can be activated using **two 5 m long ropes** (which can be shortened as desired), in the same way like happens for the electric windows of cars, **whose use is extremely simple**. Furthermore:

**A** - By making a specific connection, without the need for additional options, it is possible to install, near the point of use, a standard **double button** switch that starts the rolling up and down

**B** - As an option, a **universal remote control can be added to manage the reel**, increasing its functionality.

## 2 - Extreme reliability

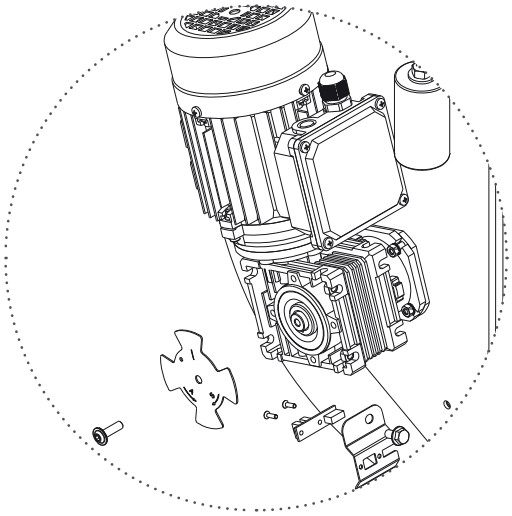
Roll-Flex hose reel is driven by a **powerful electric motor**, which ensures the correct unfolding and rewinding, without that the hose is affected by load variations during these two operations
Therefore the reliability of the motor **is combined with a longer life of the flexible hose**, that doesn't receive sudden strains from the hose-reel.



Roll Flex is equipped with an electronic board which, in addition to managing the ascending/descending automatism, **works as a safety device in case of accidental stops** that may occur during its working (eg. weight that blocks the flexible hose during rewind).

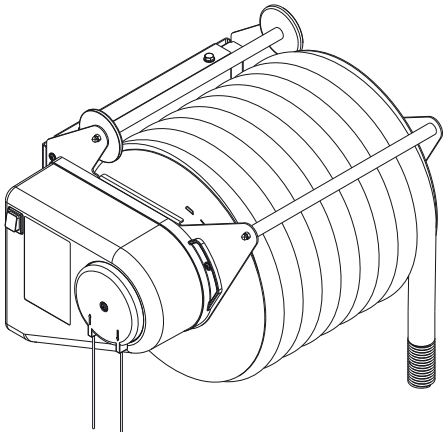
## 3 - Accurate rewind

Every time that unfolding starts, an optical sensor measures **the section of the unfolded flexible hose**, in order to rewind exactly the same part.
In this way **the flexible hose always returns to the same starting position**.

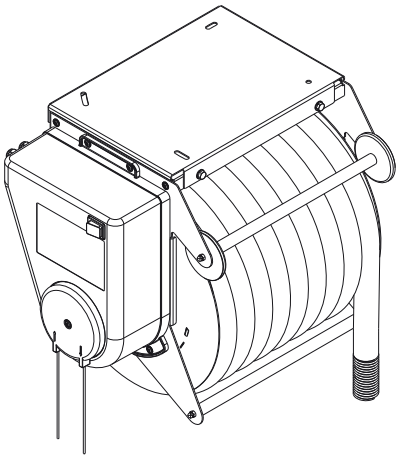


## 4 - Installation versatility

It can be **installed on the wall or on the ceiling**.
Transformation is easy and quick, it consists in the rotation of the control switches of the motor. The hose-reel fixing is made with appropriate plugs.



Wall mounting



Ceiling mounting

# ACCESSORY CLEANING KIT

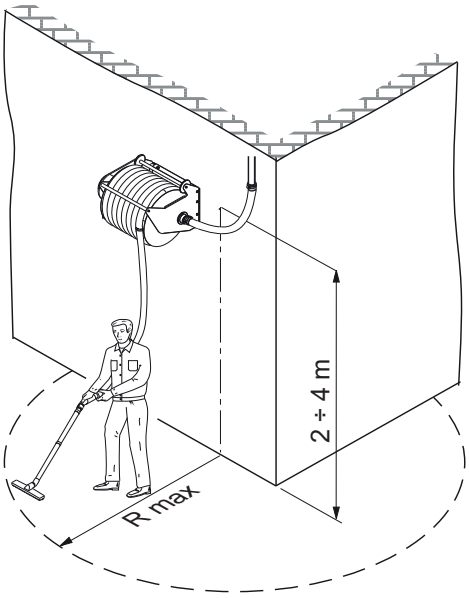
## 5 - Always ready for use

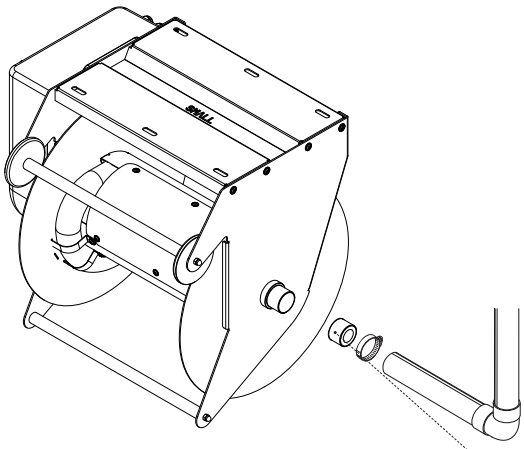
Roll Flex is supplied with a wall support, which allows the flexible hose to be orderly stored near the activation controls.

The support is designed to hermetically close the end of the flexible hose, so as to make it possible to use Roll Flex in a system where there are other reels or other vacuum inlets of any type.

## 6 - Large range of coverage

The flexible hose supplied with Roll Flex allows to cover a wider surface than the traditional hoses to be inserted into the vacuum inlets.
For this reason it is recommended in all those situations where, for technical, functional or aesthetic reasons, **there is a need to minimize the pipe network**, or it is advisable to limit the number of vacuum inlets at ground level because the flexible hose laying on the ground would represent an obstacle in case of frequent passage.



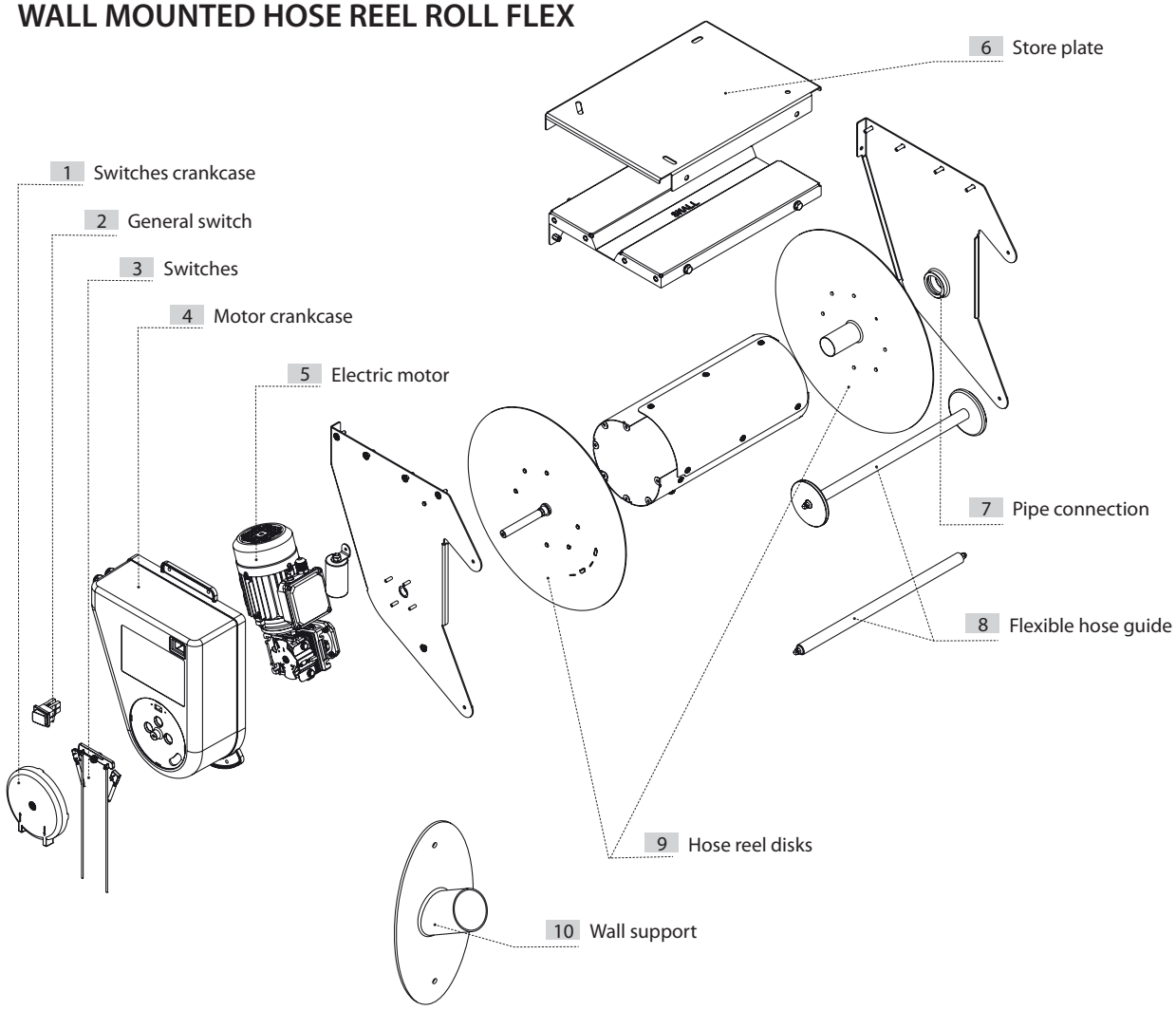



## 7 - Simplicity of connection

The connection to the pipe network can be done with an **attachment present on the side of the reel**, which allows direct connection to the rigid pipe, or with a piece of flexible hose (not supplied).

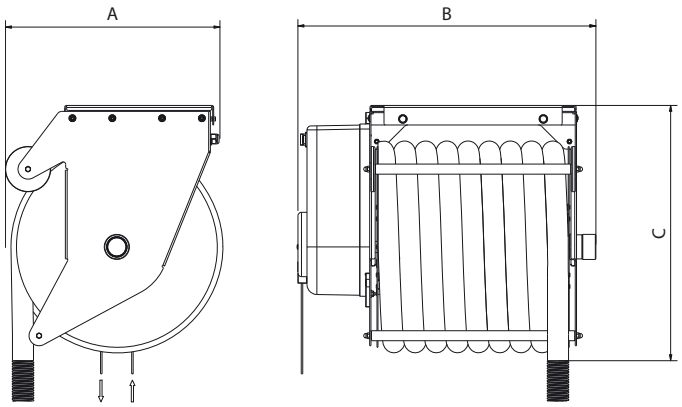
The attachment on the side of the Roll Flex is designed for the fixing of sleeve valves for industrial use (diam. 40 mm). In the case of direct connection to the installation pipe diam. 50 mm, the adapter bush supplied must be used.

## WALL MOUNTED HOSE REEL ROLL FLEX




## MEASUREMENT AND TECHNICAL DATA

| | | ROLL FLEX | |
|---|---|---|---|
| **Model** | | ROLL Flex Ø 32 | ROLL Flex Ø 40 |
| **Article** | | **7041.51E** | **7041.61E** |
| Protection degree | IP | 40 | 40 |
| Supply | V ac | 220/240 | 220/240 |
| Frequency | Hz | 50/60 | 50/60 |
| Motor power | W | 90 | 90 |
| Absorption | A | 0,41 | 0,41 |
| Number of laps | RPM | 24 | 24 |
| Vacuum inlet | Ø mm | 40 | 40 |
| Flexible hose | Ø mm | 32 | 40 |
| Maximum length of flexible hose | m | 18 | 20 |
| Weight | kg | 20 | 22 |
| Measurement A | mm | 410 | 410 |
| Measurement B | mm | 593 | 743 |
| Measurement C | mm | 470 | 470 |



The quality of performance of the system is related to the quality of professional equipment used: with Sistem Air each instrument is easy to use and ensures a high technical result.

# 04 EQUIPMENTS AND SYSTEMS

EQUIPMENTS 83

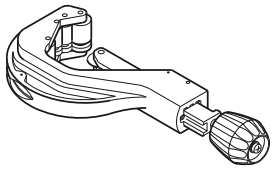
ELECTRONIC CONTROL SYSTEMS 85

# PIPE CUTTERS

## EQUIPMENTS

Sistem Air equipments simplify and improve the quality of working.

**The pipe cutter** tool allows to make a clear cut of the pipe, obtaining a perfect coupling with the connection.



PVC PIPE CUTTER AND SPAREPARTS

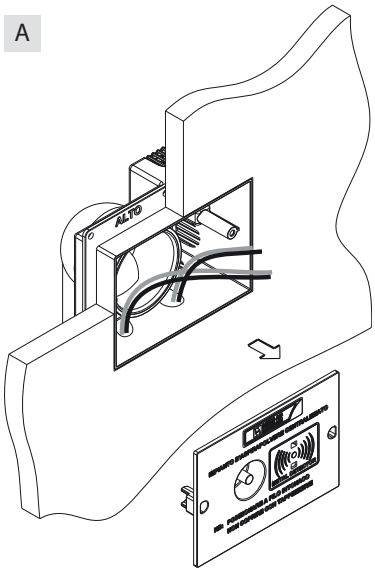
| Article | Description | Packaging Pcs |
|---|---|---|
| **4163.0** | Pipe cutter up to Ø 63 mm | 1 |
| **4100.0** | Pipe cutter up to Ø 100 mm | 1 |
| **4163.1** | Spare wheel for pipe cutter | 5 |

**The cap for depression testing** is used to seal hermetically the mounting plates in order to test the seal of the piping network before the floor laying.

CAP FOR DEPRESSION TESTING

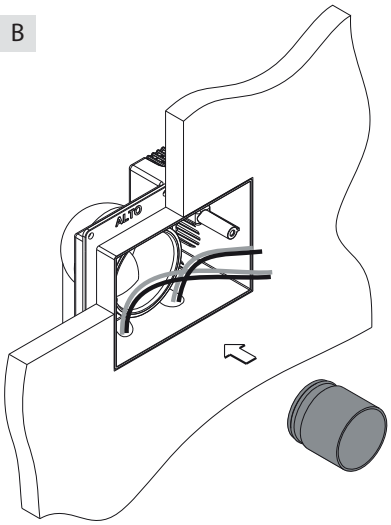
| Article | Color | Material | Packaging Pcs |
|---|---|---|---|
| **5050.5** | Black | Plastic | 5 |

A



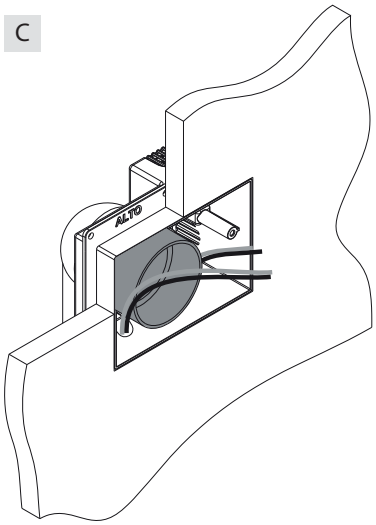
Remove the protective save-plaster cover.

B



Plug the cap inside the mounting plate entrance until the end.

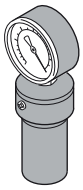
C



Make sure that the cap has been connected inside the entrance in the correct way, in order to seal the pipe network.

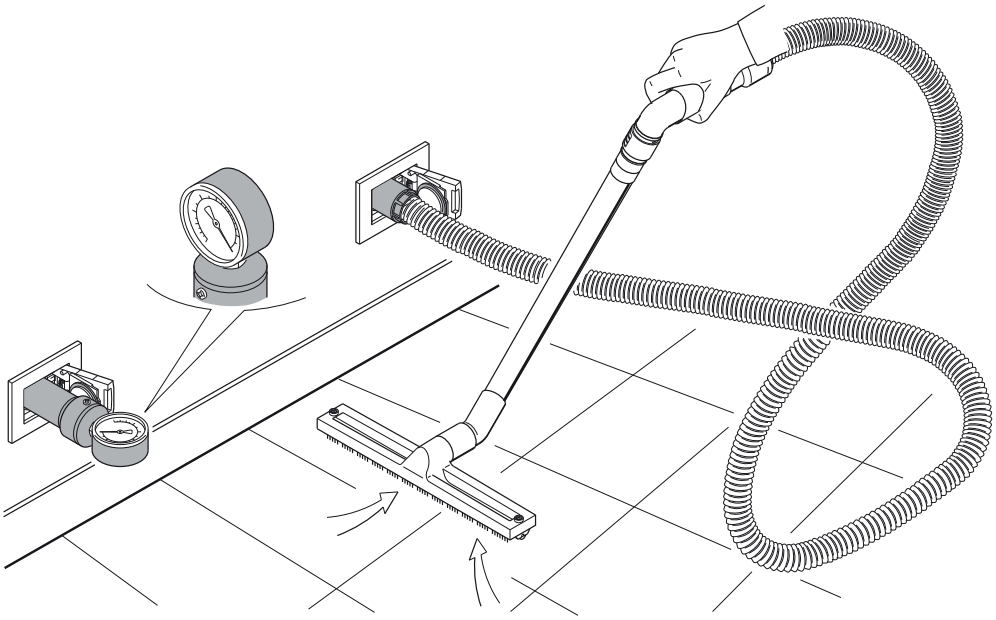
# EQUIPMENTS AND SYSTEMS Vacuum gauge

**Vacuum gauge tool allows** to test the seal of the piping network before the floor lying; furthermore it you can detect the amount of pressure loss of a pipe network according to the central vacuum depression.



VACUUM GAUGE

| Article | Color | Material | Packaging Pcs |
|---|---|---|---|
| **4001.0** | Steel | Metal | 1 |



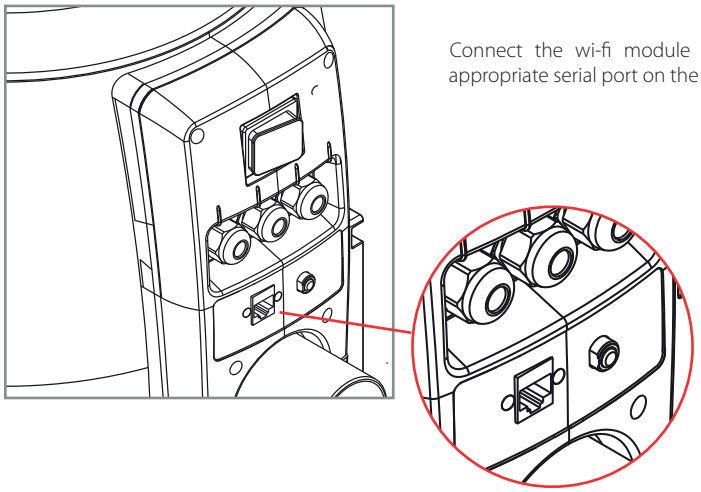
# MASTER CONTROL SYSTEM

## ELECTRONIC CONTROL SYSTEMS

The wireless connection module allows you to integrate the Tecno Prime line units to the home wireless network and use, through the internet connectivity of the building, the Air cloud remote monitoring system for the vacuum unit. The module must be connected to the power supply and to the Tecno Prime unit using a serial cable.

WI FI MODULE

| Article | Description | Packaging Pcs |
|---|---|---|
| **4202.2** | Wi Fi module for Tecno Prime vacuum unit | 1 |



Connect the wi-fi module to the vacuum unit using the appropriate serial port on the side of the machine.

# EQUIPMENTS AND SYSTEMS

## Homologation:

**IP insulation level**
Insulation level of the apparatus against solid parts and liquid from outside.

IP 20

IP 20: Apparatus protected against solid parts larger than 12 mm but not protected against the infi ltration of water.

IP 44

IP 44: Apparatus protected against solid parts larger than 1mm and protected against water sprays (water sprayed on the covering from any direction should not cause damage).

IP X4

IP X4: Apparatus protected against water sprays (water sprayed on the covering from any direction should not cause damage).
Level of electric insulation

IP 40

IP 40 : Device with protection against solid objects larger than 1 mm and not protected against water penetration.

**Electrical insulation**

CLASSE I: Apparatus with fundamental electric insulation. It should be connected to the earth circuit on the main electric power.

CLASSE II: Apparatus with dual electric insulation. It does not need to be connected to the earth circuit of the main electric power.

**Filtration classes:**
According to the IEC 60335-2-69 standard, the various filtration classes must meet these maximum permeability characteristics (maximum percentage of dust let through):

- **classe I**: max 5% of particles of 2 µm
- **classe M**: max 0,5% of particles of 2 µm
- **classe H**: max 0,005% of particles of 0,3 µm

Atex zone 22 (Area in which, during normal activities, the formation of an explosive atmosphere in the form of a cloud of combustible dust is not likely and, if it occurs, it is only of short duration)

# NOTES

# REQUEST A QUOTE

To be sent by fax to the number **0381 650120**
or by email **info@sistemair.it**

Sending in the application form does not obligate you in any way

## QUOTE APPLICATION

Date of request ..... Send the quotation to the following n . fax .....

Send the quotation to the following email .....

**Applicant:**

Name .....

Activity .....

e-mail .....

Address ..... n. .....

.....

**Activity of the applicant:**

- INSTALLER
- WHOLESALER
- TECHNICIAN
- PUBLIC INSTITUTION
- PRIVATE
- OTHER .....

**Usual dealer**

Legal form .....

Address .....

.....

**Application Type :**

- NATURAL DUST
- OTHER (specify)

.....

**Type of installation:**

- CIVIL
- CIVIL ADVANCED
- INDUSTRIAL
- SYSTEM JOLLY

**Characteristics of installation:**

Total surface sq.m. .....

Levels No. .....

Simultaneous users n° .....

Vacuum unit installed in the building

- on LOWER FLOOR
- on HIGH FLOOR

Power supply available Volt .....

Civil line electric plates choices .....

**NOTES**

.....

.....

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