

# Vacuum unit Tecno Evox

Area of use:  
domestic  
homes, villas, stores



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

1 single user



Pipe net Ø 50 mm



IP20



DOMESTIC



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

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

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

Available in **four motorisations** to clean surfaces **up to 450m<sup>2</sup>** for system used by a single user.

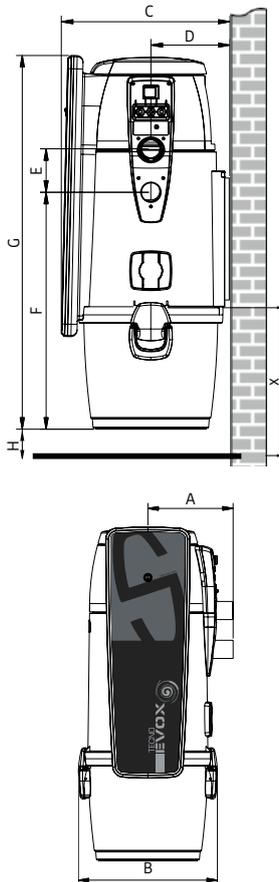


## Available motorisations

3110.1TEV	Tecno Evox 150	up to 150 m <sup>2</sup>
3112.1TEV	Tecno Evox 250	up to 250 m <sup>2</sup>
3113.3TEV	Tecno Evox 350	up to 350 m <sup>2</sup>
3115.3TEV	Tecno Evox 450	up to 450 m <sup>2</sup>

# Table of measurements and technical data

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



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

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

## Certifications



Marking of conformity with European Community Directives.



**IP** protection degree



**G**Electrical insulation Class  
CLASS II

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

**RELEVANT EEC DIRECTIVES:**

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

**APPLIED HARMONIZED STANDARDS**

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

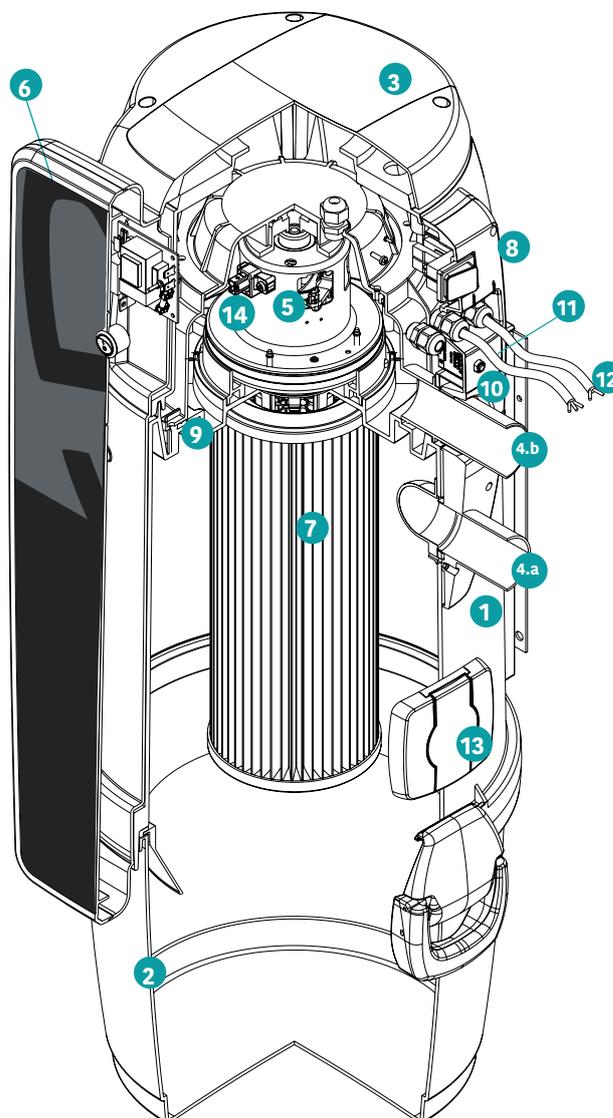
ROHS DIRECTIVES 2002/95

COMPLIANCE TO REACH directives

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

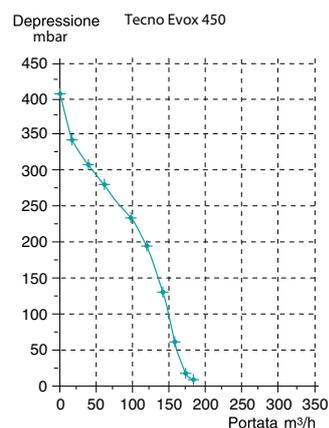
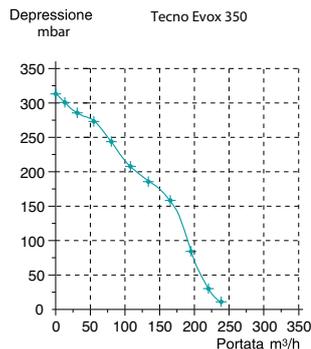
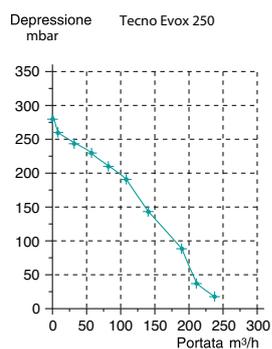
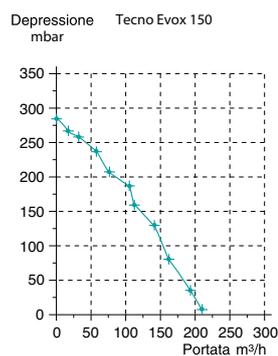
# Technical characteristics and section

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

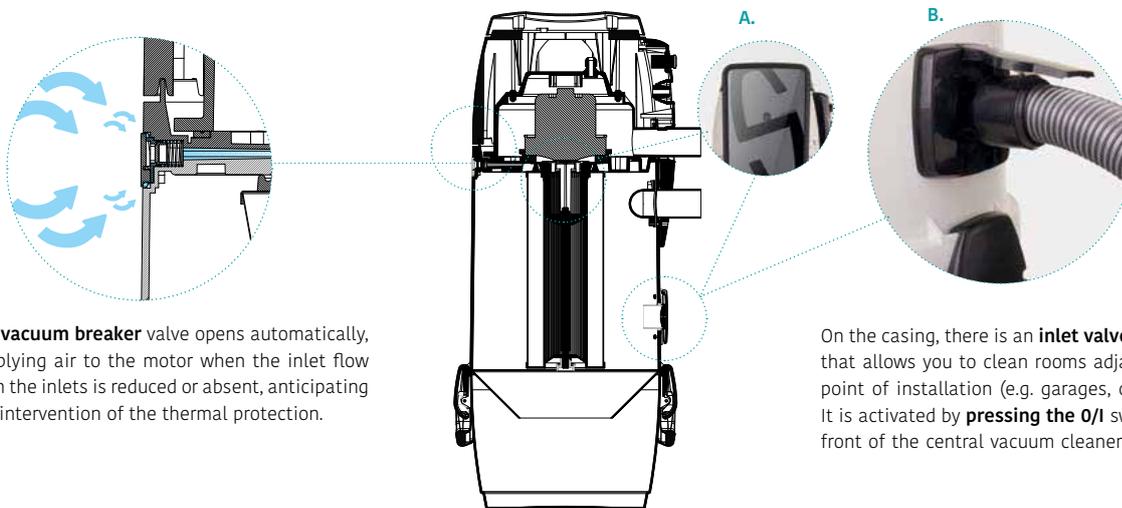


Tecno Evox includes the silencer and pipe connection sleeves and is compatible with all Sistem Air cleaning accessories.

## Performance Graphs



## Vacuum breaker valve and on-board inlet valve



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

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

## Basic installation principles

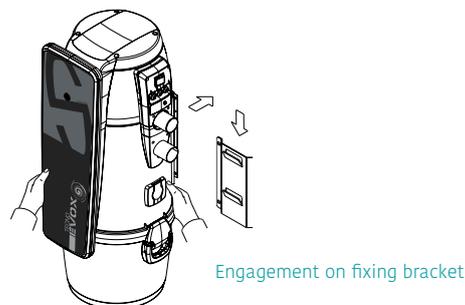
Below are the basics for the correct installation of the Tecno Evox central vacuum cleaner. The IP20 degree of protection allows outdoor installation as long as it is protected from the weather.

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

### Fixing the central unit

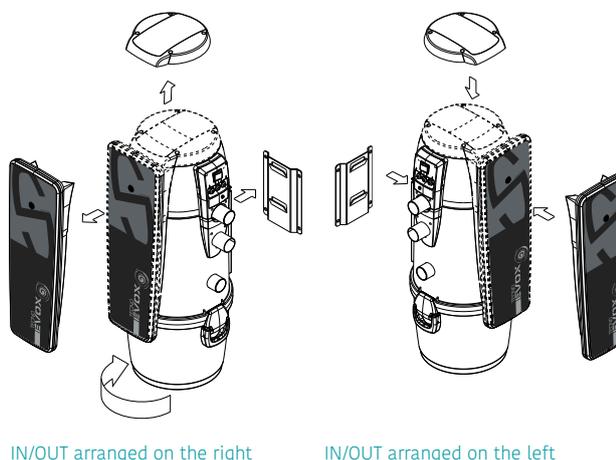
Tecno Evox is supplied complete with a steel bracket for wall mounting.

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



### Reversibility of right/left connections

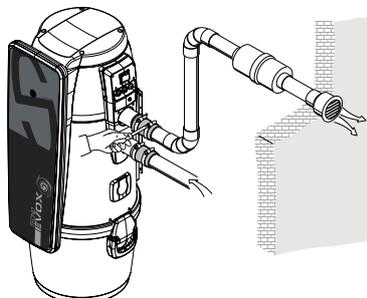
The Tecno Evox line is designed for easy connection of the IN input and OUT output to the pipe network, either left or right.



## Connection to the pipe network

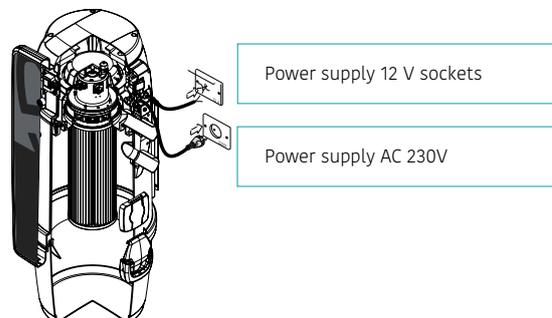
Connection to the piping network is via the vibration-damping sleeves and clamps supplied.

Tecno Evox is also supplied complete with a  $\varnothing$  50 mm air outlet silencer.



## Electrical connection

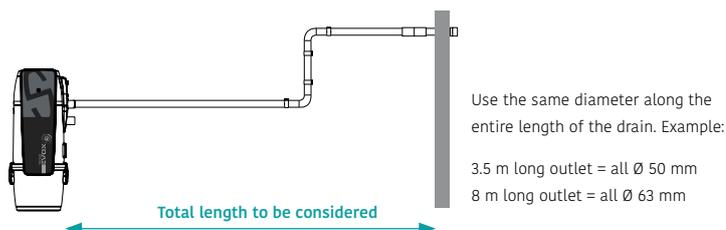
To make the correct mains connection of the Tecno Evox central vacuum cleaner, follow the instructions in the diagram below. For further details, please refer to the technical manual.



## Air outlet sizing

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

Air outlet line length	Diameter $\varnothing$
max 4 m	50 mm
over 4 m	63 mm



## Spare parts table

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

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

## Sistem Air customer care contacts

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DOWNLOAD  
FULL MANUAL

