

Vacuum unit

Wolly 2

Area of use:
domestic
apartments, buildings



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

1 single user



Pip net Ø 50 mm



IP44



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

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

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

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

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



Available motorisation

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

Ambient noise emission and thermal transmittance U

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

Ambient noise test



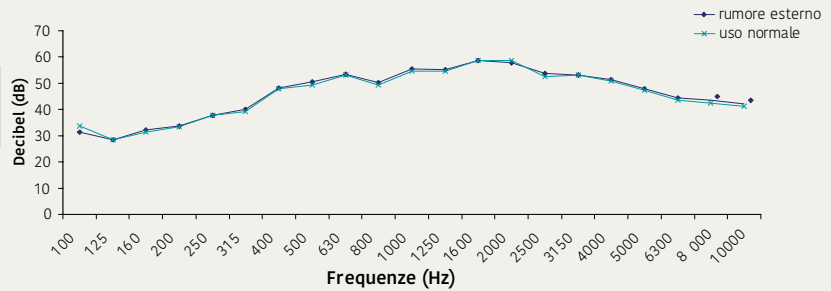
The environmental noise report according to ISO 11202:2010 (E) was issued by Sound and Life.

External measurements*

Wolly 2 switched on	L _{Aeq} = 65 dB (A)
Wolly 2 switched on and in use	L _{Aeq} = 64.9 dB (A)

Internal measurements*

Wolly 2 switched on and in use	L _{Aeq} = 44.2 dB (A)
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*Main data. For complete measurements, a copy of the test report can be requested from the Sistem Air technical department.

Thermal transmittance ratio U



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

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



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

Design that fits in

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



Built-in

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

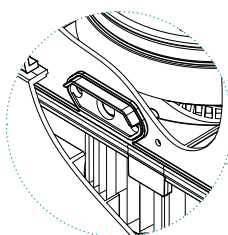


Wall mounted

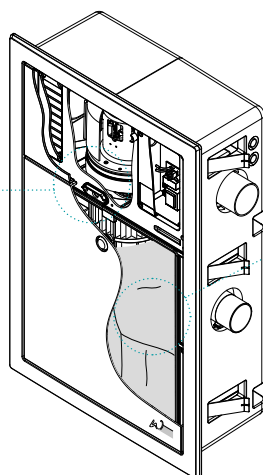
Wolly 2 can also be installed **wall hanged with the finishing frame enhancing** the clean lines while keeping it discreet and compact.



Vacuum breaker valve and filter bag



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











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



Cleaning kit included

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

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

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



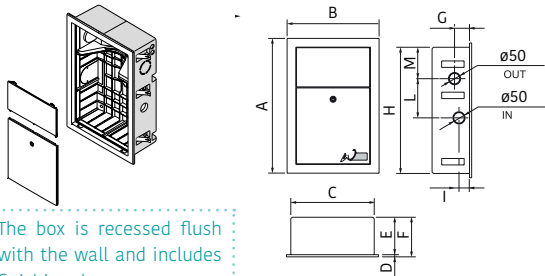
Installation selection, measurements and technical data

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

A Only predisposition

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

BUILT-IN BOX PREARRANGEMENT

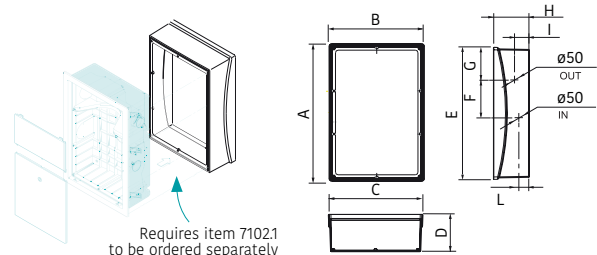


The box is recessed flush with the wall and includes finishing doors.

MODEL Built-in box

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

PWALL-MOUNTED BOX PREPARATION



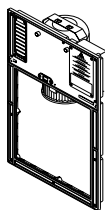
For wall-mounted arrangement, insert recessed box art 7102.1 inside the frame.

MODEL Fixing frame

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

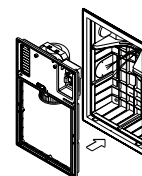
B Completion

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

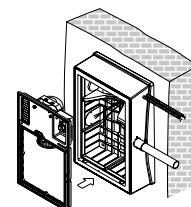


MODEL		Motor 150	Motor 300
ARTICLE		8202.0	8202.1
Recommended aspirant outlets		4	7
Max. surface to be cleaned		150 m²	300 m²
Operators		1	
Micro-dust vent		YES	
Air inlet/Air outlet	Ø mm	50	
Degree of protection	IP	IP44	
Power supply	V ac	220/240	
Frequency	Hz	50/60	
Motor power	kW	1,25	1,35
Absorption	A	5,0	5,6
Maximum air flow rate	m ³ /h	200	234
Max. depression	mbar	274	272
Noise level lower than	dB(A)	70	

BUILT-IN COMPLETION

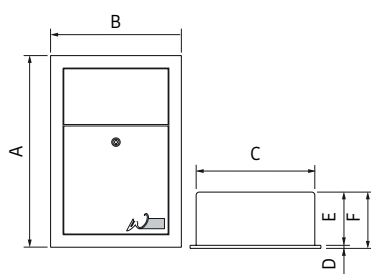
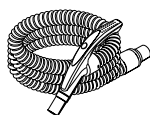
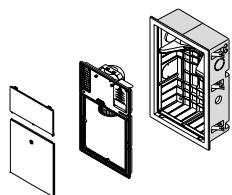


COMPLETION WALL-MOUNTED

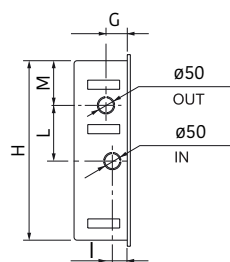


C All inclusive

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



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



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

MODEL	Wolly 2 - 150		Wolly 2 - 300	
ARTICLE	8201.0		8201.1	
Recommended aspirant outlets	4		7	
Max. surface to be cleaned	150 m²		300 m²	
Users	1			
Micro-dust vent	YES			
Air inlet/Air outlet	Ø mm			
Degree of protection	IP	NO		
Power supply	V ac	IP44		
Frequency	Hz	220/240		
Motor power	kW	50/60		
Absorption	A	1,25	1,35	
Maximun air flow rate	m ³ /h	5,0	5,6	
Max depression	mbar	200	234	
Inlet valve power supply	V dc	274	272	
Filtration class		12		
Filter surface area	cm ²	M		
Dust bag capacity	l	2840		
Air exhaust silencer (Ø 50 mm)		12		
Noise level lower than	dB(A)	70		
Built-in box	included			
Wall-mounted installation frame	optional - request art. 7102.2			
Cleaning kit	included			
	<ul style="list-style-type: none"> • Flexible hose 9m • Curved plastic handgrip • Pair of chrome- tubes • Basic floor brush • Basic corner nozzle • Basic dusting brush • Mini holder for accessories 			

Omologazioni

CE Marking of conformity with European Community Directives

IP 44 Protection degree

II Electrical insulation CLAS II

Wolly Line 2 - appliances complying with the following standards:

RELEVAN EEC DIRECTIVES:

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

APPLIED HARMONISED STANDARDS:

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

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

ROHS DIRECTIVE 2002/95
COMPLIANCE TO REACH DIRECTIVES

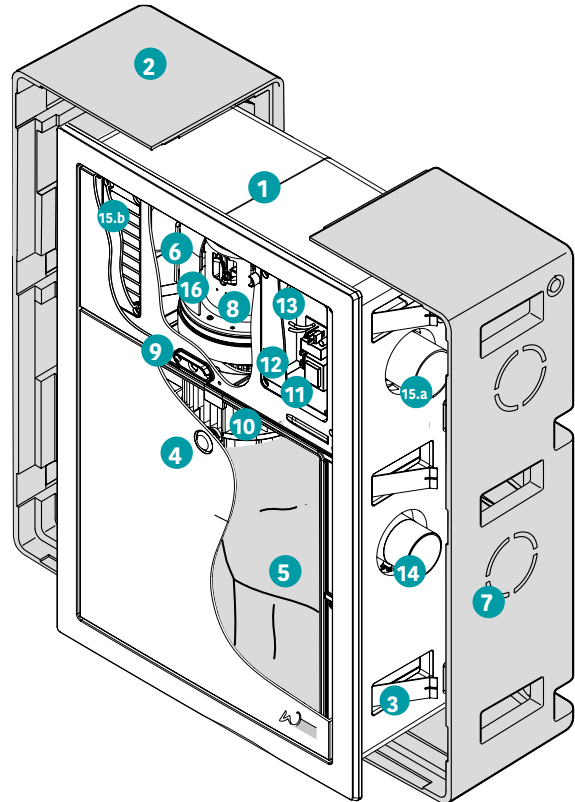
TECHNICAL TESTS:
- U⁹⁹ THERMAL TRANSMITTANCE
- SOUND EMISSION TESTS

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

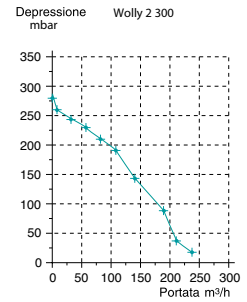
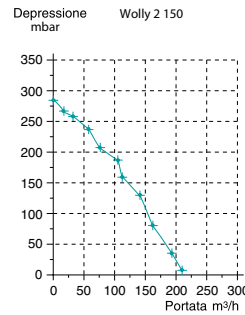
Technical summary table and section

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

*depending on installation choice adopted



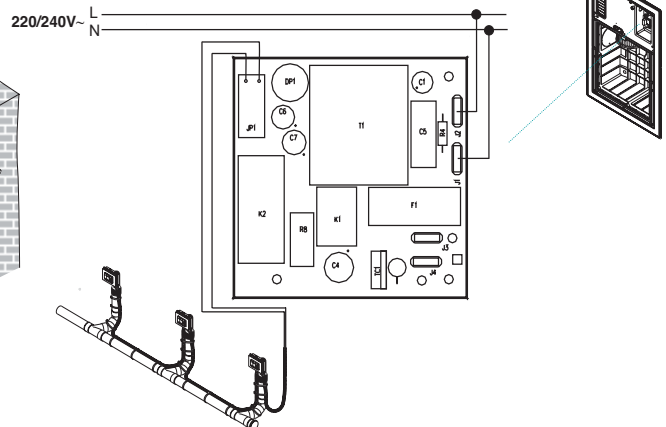
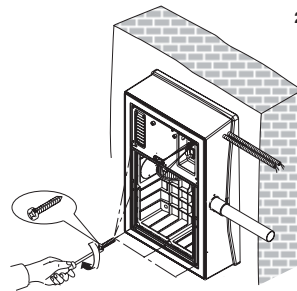
Performance Graphs



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

Electrical connection

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



Basic installation principles

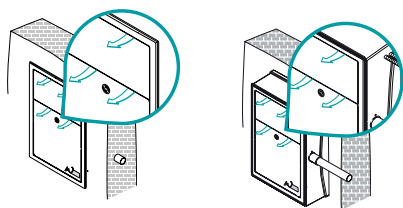
The following are the basics for the correct installation of the Wolly 2 central vacuum cleaner. The IP44 degree of protection allows outdoor installation as long as it is protected from the weather. In the case of multi-storey buildings, we recommend installation always on the lowest level.

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

Air outlet configuration

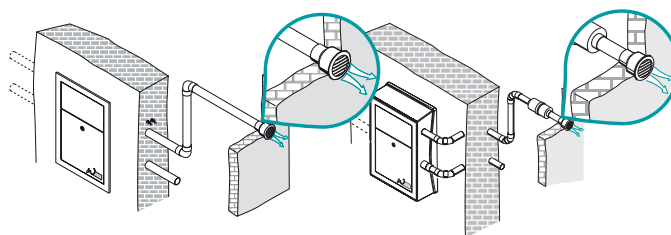
La scelta di configurazione dello scarico aria è a discrezione delle esigenze dell'utente o di cantiere, restano invariate performance e specifiche tecniche di Wolly 2.

A Frontal air exhaust



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

B Duct air discharge

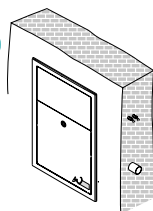


Air and micro-dust is discharged into ducts for expulsion to the outside, in both flush and wall-mounted installations.

Installation choices

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

A Built in



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

B Wall-mounted



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

Spare parts table

The spare parts available for Wolly 2 are listed below.

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

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FULL MANUAL

