

KONKAV WANG

Konkav Wang Series

Domestic

High Airwatt and quiet central vacuum unit, built-in to the building or hang-on the wall with two options. Revolutionary design and top quality on the market...



KONKAV WANG

The Konkav Wang built-in units offer extraordinary flexibility, which makes installation even easier in apartments, where the available space for the passage of various works is always minimal.

INSTALLATION RANGE

The Konkav Wang central vacuum unit can be installed in homes with the following characteristics:

- surface to be cleaned between 300 m²
- use by a single operator
- piping network of tube 40/50mm / 2" diameter
- 220/240 V ac power supply
- non continuous use of vacuuming generic house dust
- exhaust air conveyed outside
- Possibility of installation in closets, thermal power rooms, corridors and protected, weatherproof balconies
- built in installation or wall mounting by optional frame additon

Konkav Wang SELECTION TABLE

MODEL	Suggested surface	ARTICLE	Suggested inlets	Maximum operators
Konkav Wang 300	300 m ²	151733	8	1
Konkav Wang 500	500 m ²	151735	18	
Konkav Wang 600	600 m ²	151736	24	



PRODUCT SPECIFICATIONS



Filter bag



CE conformity marking



Soft Start starter



IP Degree of protection



Cleaning accessory kit included



Insulation class 2



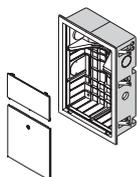
Specific for vertical construction



Number of simultaneous users MAX

COMPONENTS FOR KONKAV WANG

Wall-mounting box Konkav Wang



ARTICLE	PRODUCT DESCRIPTION	Packing Pcs
151733.1	KONKAV WANG BUILT-IN BOX *	1

** complete with doors*

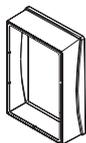
KONKAV WANG ENGINE MODULE



ARTICLE	PRODUCT DESCRIPTION	Packing Pcs
151733.0	SUCTION MODULE/ENGINE KONKAV WANG	1

KONKAV WANG PRE-EQUIPMENT WALL MOUNTING

Optional frame for Konkav Wang installation



ARTICLE	PRODUCT DESCRIPTION	Packing Pcs
151733.2	OUTSIDE INSTALLATION BOX KONKAV WANG**	1

*** to match with article 151733.1*

KONKAV WANG CUSTOMIZED PRODUCT

If you have color customized demands, please contact with us.



KONKAV WANG WANG

2 - Double choice of installation

The Konkav Wang central vacuum has been designed and manufactured to provide **maximum ease of installation** in all situations where there is insufficient space to place a traditional central vacuum unit.

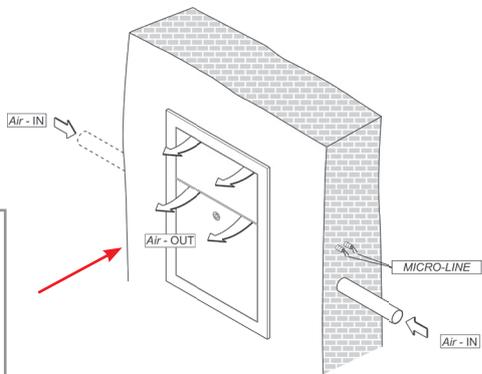
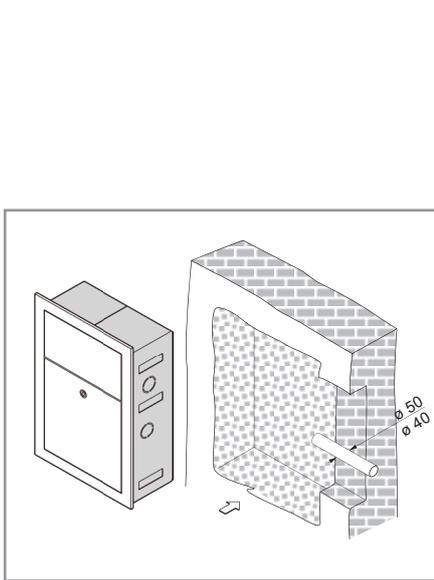
In particular installation can be done:

A - built-in, thanks to depth of just 18.7 cm, with the possibility of not requiring piping for air exhaust (see point 2)

B - using the wall-mounted feature, by using the appropriate frame (optional) always represents the ideal solution to propose the central vacuum cleaner.

In both cases you can have:

- **reversible pipe mouthpieces left/right**, detachment with each other, too
- **direct air exhaust**, with slits along the perimeter of the door closing, **or conveyed** with an exhaust pipe..

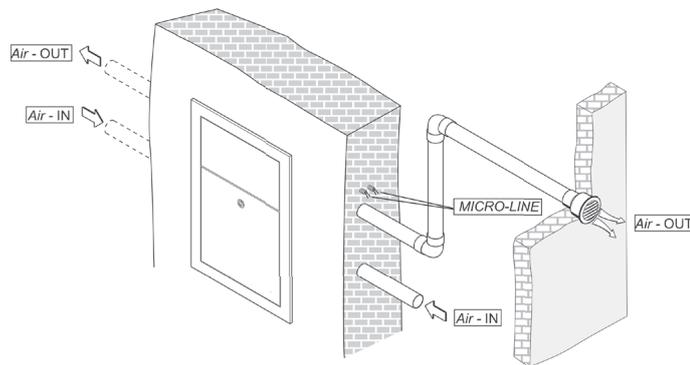


Direct exhaust air from the slits of the front cover



Exhaust air conveyed through special pipeline

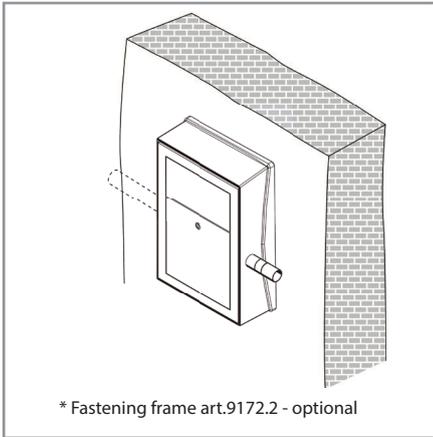
A Built-in installation



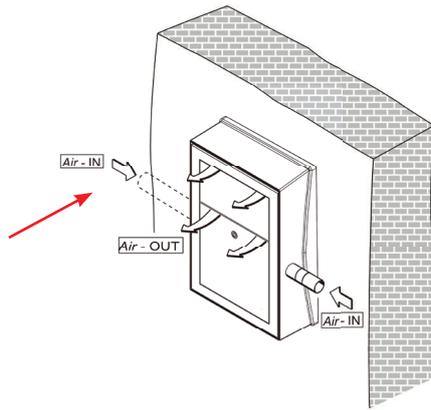
Ideal configuration for units installed outside of the house



Ideal configuration for units installed indoor



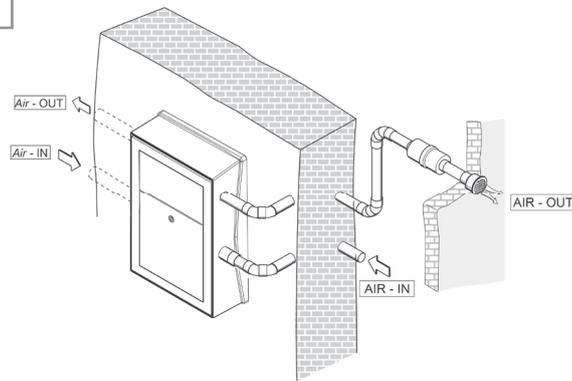
B installation with wall mounting



Direct exhaust air from the slits of the door



Exhaust air conveyed through special pipeline

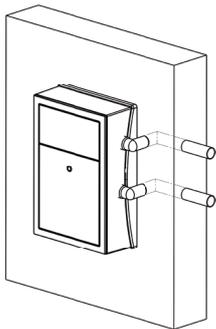


Ideal configuration for units installed outside of the house

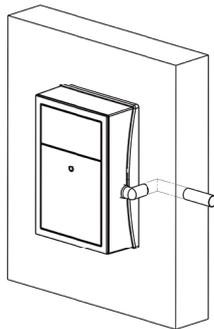


Ideal configuration for units installed indoors

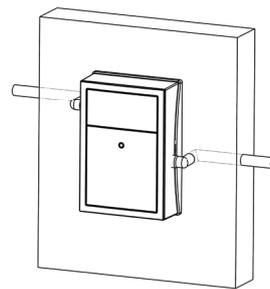
6 ways of choosing installation



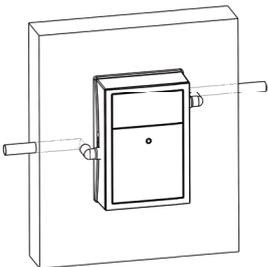
A



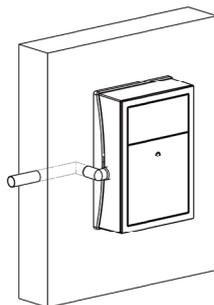
B



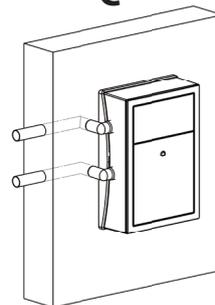
C



D



E

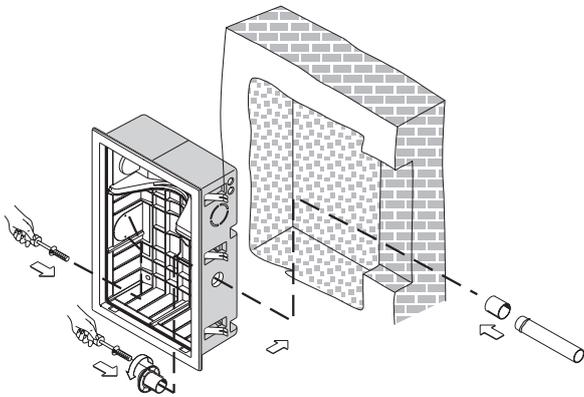


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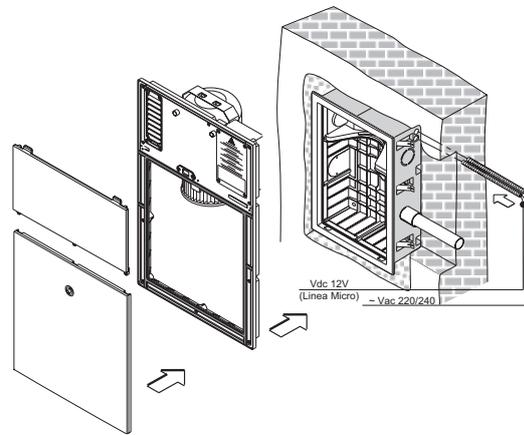
INSTALLATION BASICS

FIXING OF THE UNIT

1 - built-in installation

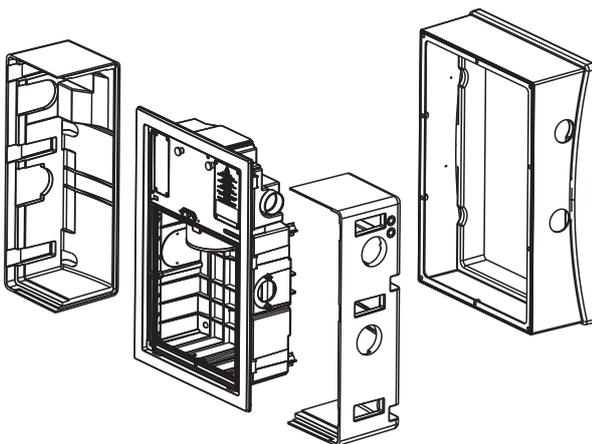


- 1 - Prepare an adequate sized space in wall.
- 2 - Drill the recessed box at the arrival of the pipe from the inlet valves and the exhaust pipe (if provided).

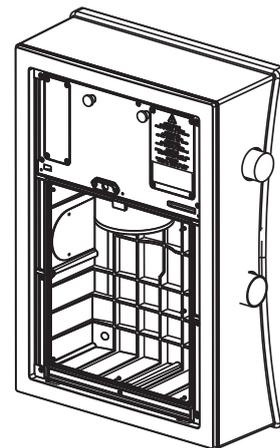


- 3 - Wall up the box using the appropriate bendable clamps
- 4 - Mount the motor module in box

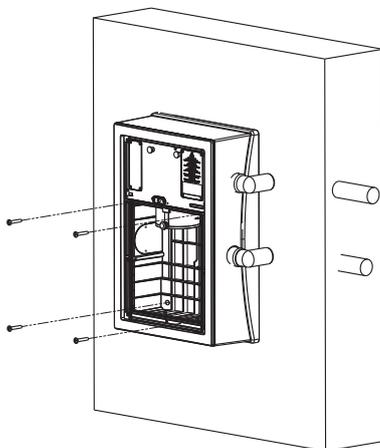
2 - Wall-mounted installation



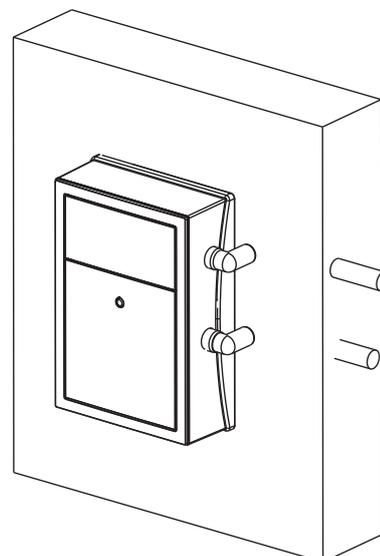
- 1 - Apart the unit and decide to which side to open the hole.



- 2 - Connect the pipe and assemble the unit



- 3 - Fix the unit on the wall and connect the pipe line



- 4 - Inesert the dust bag and close the door

KONKAV WANG

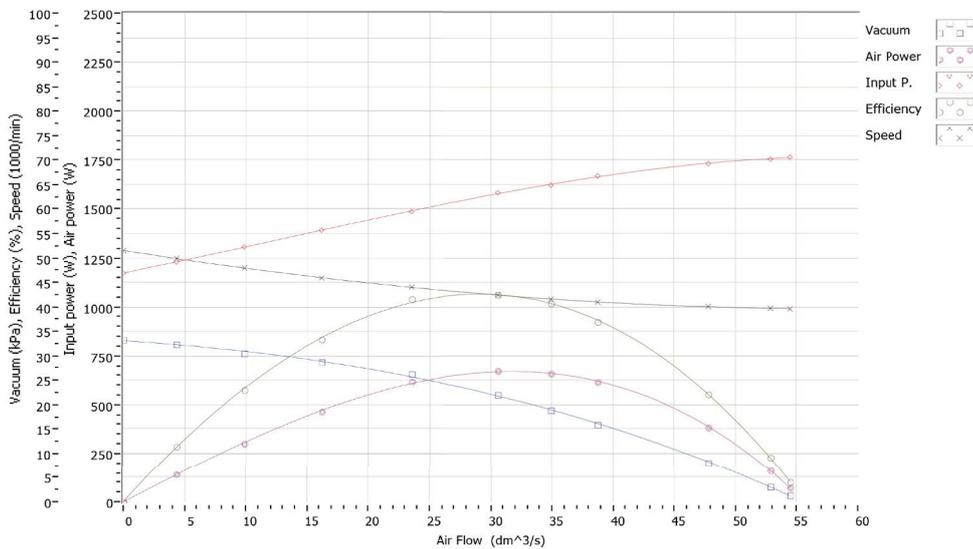
TECHNICAL FEATURES

Konkav Wang units are built with plastic materials, PP and ABS, to give strength and durability, while maintaining a beautiful line appearance. They have been designed and constructed according to all the criteria that the regulations and directives impose, but with great attention to fundamentals, including functionality, power and capacity utilisation.

The main technical characteristics can be listed:

- Self-supporting cylindrical shell in polypropylene.
- Protection and polypropylene coatings and ABS.
- Dust collection polypropylene bucket with handles of nylon PA6 (capacity 21 L).
- Sound-absorbing motor compartment (noise values for units lower than 70 dB A).
- Possibility of connecting the pipes from both right and left.
- Motor-impeller, composed of single-phase electric motor with brushes and rotating pack (see individual models).
- Vacuum breaker valve for engine protection.
- Water washable microfiber bag filter (capacity 12 L) with polyester certified class M safety filter cartridge.
- Electronic control card with double fuse protection-on both primary and secondary circuits.
- Soft Start system with integrated microprocessor tab, specific for vacuum systems, with current control.
- Safety temperature sensor to protect motor with automatic power off and reset.
- Power of inlet with 12 V dc voltage.
- Option of connecting a remote recessed panel for all models.
- Protection degree IP44, which allows installation in damp rooms, on balconies protected from inclement weather or boiler rooms
- Central vacuum unit suitable with all Air System accessories.

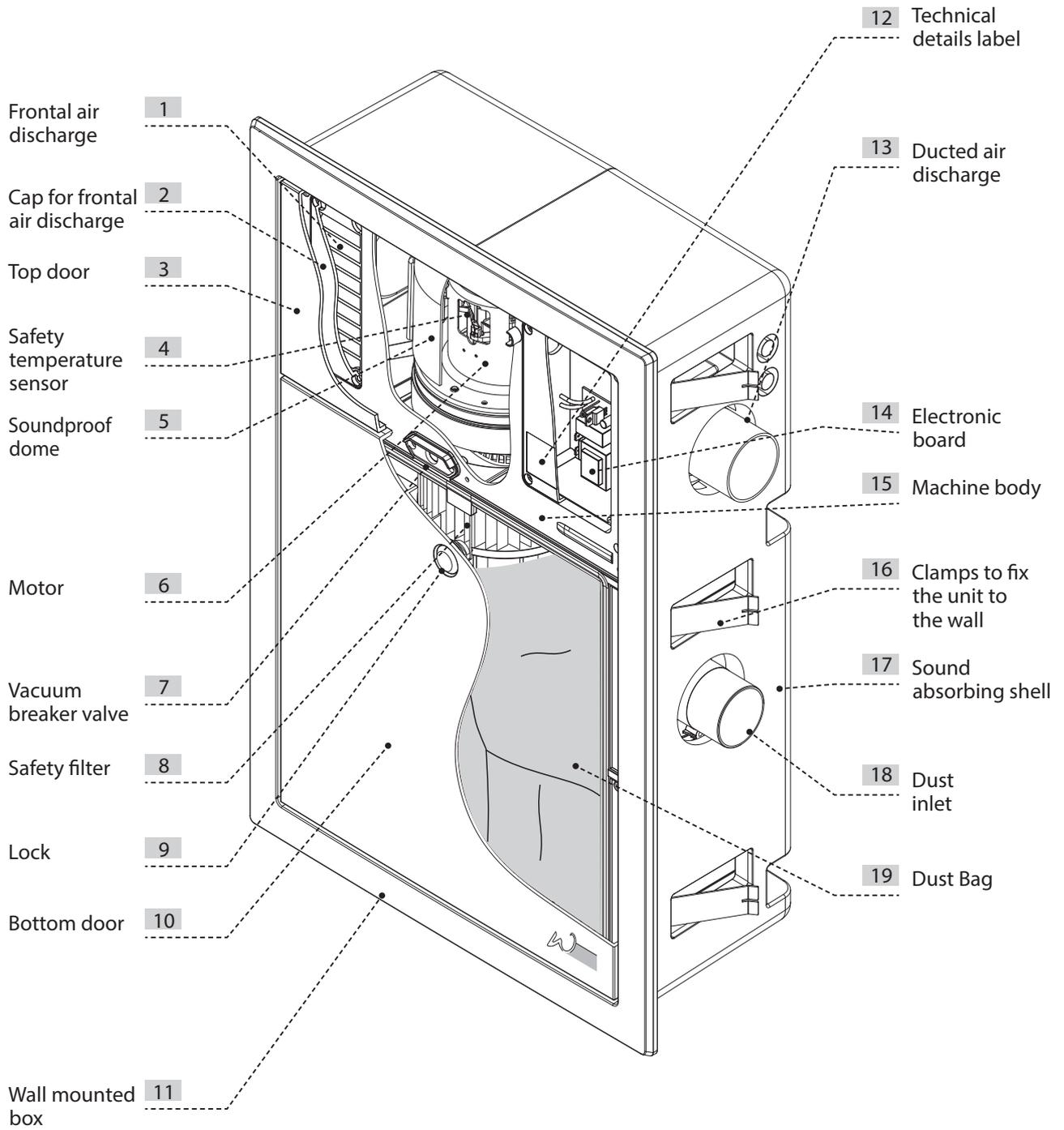
PERFORMANCE GRAPH



Konkav Wang Performance

KONKAV WANG

CENTRAL SECTION OF KONKAV WANG



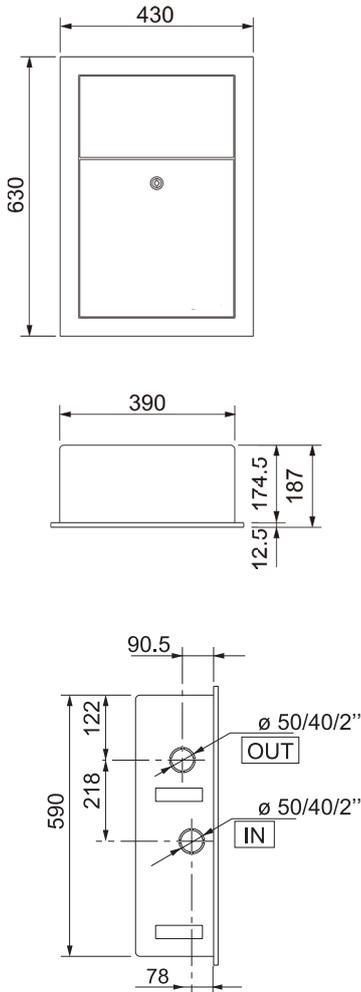
MESUREMENTS AND TECHNICAL DETAILS

The units can be used by a single operator.

It is recommended that the model selection is based on total area to clean, to ensure maximum durability and performance over time.

Additional selection criteria may relate to the dimensions of the unit, the capacity of the dust container and filter surface.

In the case of installation done on one level, for a maximum area to be cleaned of 150 m² with 3 inlet valves, you can use the unit with pipeline network of 40 mm diameter. In all other cases it is necessary to use 50 mm diameter pipeline.



Konkav Wang				
Model		Konkav Wang 300	Konkav Wang 500	Konkav Wang 600
Article		151733	151735	151736
Maximum surface	m ²	300	500	600
Power Supply	V ac	220/240		
Frequency	Hz	50/60		
Motor power	KW	1,7	2,0	2,2
Absorption	A	7,6	9,8	10,2
Inlets supply	V dc	12		
Maximum air flow	m ³ /h	245	260	275
Maximum Depression	mbar	325	350	360
vacuum Airwatt		615	700	720
Security filter surface	cm ²	3200		
Dust container capacity	l	12		
Weight	kg	12		
Width	mm	430		
Height	mm	630		
Depth	mm	187		
Vacuum attachment	Ø mm	50/2"		
Exhaust attachment	Ø mm	50/2"		
Noise lever lower than DB(A)		60	61	62

Note: nominal noise values. Values may vary depending on the environment in which the unit is installed and the type of installation

APPROVALS

IP Degree of protection



Degree of electrical insulation



CLASS II

Konkav Wang Line

Units in compliance with the following standards:

RELEVANT EEC DIRECTIVES:

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

APPLIED HARMONISED STANDARDS:

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

DIRECTIVE ROHS 2002/95

REACH COMPLIANT

Note: Observe legal requirements regarding the installation.

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■ GENERAL VIEW FOR BUILT-IN AND HANG-ON THE WALL

