



PRODUCT CATALOGUE 23 24



Breathe in the energy of life.

You feel it more with every breath...
... life.

PROLOG

AVITANA - Recirculated air for the environment

Breathe in, breathe out. We supply our body with oxygen with 12 to 18 breaths per minute – this corresponds to an average breathing volume of 8 liters. Air is our "elixir of life"!

Nowadays, people spend a large part of their lives indoors. This makes it all the more important that the indoor air is of good quality so that we feel comfortable and stay healthy.

Avitana GmbH, based in Herford in East Westphalia, develops and produces plasma filters "Made in Germany" for clean and healthy air in kitchens, living rooms and offices. True to the motto "Circulating air for the environment", the plasma filters demonstrably clean the room air of odors of all kinds. The filters also eliminate many bacteria, pollen and viruses. In this way, we make an important contribution to a good indoor climate.

In our current catalog you will find all the important information about our aira® Plasma filter systems. Let us inspire you!

Your AVITANA team



CONTENTS

aira® PLASMA-FILTER	6
aira® RONDO	10
aira® QUADRO	14
aira® QUADRO L	16
aira® QUADRO slimline	18
aira® QUADRO L slimline	19
aira® PLANO	20
aira® PRODUCT INFO	24
aira® RONDO	24
aira® QUADRO	34
aira® QUADRO L	35
aira® QUADRO slimline	36
aira® QUADRO L slimline	37
aira® PLANO	38
aira® ASSEMBLY INSTRUCTIONS	40
aira® RONDO	40
aira® QUADRO + QUADRO L	43
aira® QUADRO slimline + QUADRO L slimline	44
aira® PLANO	45
Installation instructions	46



aira® ACCESSORIES	50
aira® RONDO	50
aira® QUADRO	52
aira® QUADRO slimline	55
aira® PLANO	57
Kitchen planning programs	59
CERTIFICATES	60
MARKETING SALES PROMOTION	64
Which filter do I need? An orientation guide	68
CONTACTS	69
AVITANA	69
Commercial agency Germany	70
Commercial agency worldwide	71
Room fan aira® vita	72





Plasma filter for extractor hoods

maintenance-free - environmentally friendly - energy-saving

aira® Plasma filter systems are developed to improve indoor air quality and are designed for all standard extractor hoods and hob ventilators. All components are environmentally friendly and recyclable, or made from recycled material.

aira® plasma filters purify the room air of up to 98 % of all odors. It also eliminates viruses, pollen, bacteria and allergenic substances, including the smell of tobacco. No ozone is released in the process. The effectiveness and health compatibility has been proven by scientific tests and certified four times (VDE/ IUTA/ INP/ Olfasense).

aira[®] Plasma filter systems protect the environment by consuming significantly less energy than exhaust air systems, because room air that has already been heated (or expensively cooled in summer) is not blown out of the house and remains in the home.

Our product groups:

- aira® RONDO for wall, sloping and island hoods
- aira® QUADRO for trough ventilators
- aira® PLANO for inclined and flat hoods

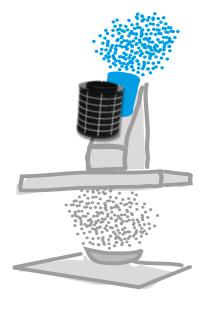




for wall, sloping and island hoods

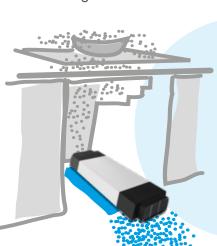


for inclined and flat hoods





for trough ventilators







aira®-filter – a good decision

- · The right plasma filter for every extractor hood
- Output levels from 350 to 1,200 cbm/h
- · Customized developments and special requests possible

✓ User-friendly

- Easy and quick to install (plug and play)
- Can be retrofitted to existing extractor hoods
- Low weight and dimensions
- · Works horizontally and vertically
- · Extensive range of accessories

✓ Improving the quality of housing and life

- Eliminates up to 98% of all odors
- Elimination of viruses, pollen and other allergy-causing substances, including tobacco smoke
- INP certificate from the Leipniz Institute for Plasma Research and Technology e.V. "Ozone-free"

✓ Energy efficiency

- · No maintenance necessary
- · Low energy consumption
- · Automatic switch-on and switch-off
- · Self-cleaning system of the filter

Cost savings

- · No need to change the filters
- · No exhaust air system to the outside necessary

✓ Tested safety

- VDE certificate for aira® RONDO and aira® QUADRO models (including ozone test)
- IUTA certificate (Ozone Test Energy and Environment Institute, Duisburg)
- · Olfasense certificate for aira® RONDO filter for odor reduction

Quality

- · Made in Germany
- 5 year guarantee
- High-quality filter material (the carbon particles of a single filter would cover the area of a soccer pitch if rolled out)





aira® RONDO is characterized by high effectiveness and efficiency. Our successful model among the plasma filter systems impresses with its low weight and compatible dimensions. The filter is quick and easy to install and can be retrofitted to existing extractor hoods.

This model is available in three different diameters (150/180/210 mm) for motor connection openings of 120 or 150 mm. Furthermore, aira $^{\circ}$ RONDO is suitable for extractor hoods with chimney dimensions of 200 x 200 mm and 250 x 250 mm, each with three power levels.

Suitable accessories for mounting and operating the plasma filter are included in the scope of delivery.



Outer diameter 150 mm $350 \text{ m}^3/\text{h} \mid 550 \text{ m}^3/\text{h} \mid 650 \text{ m}^3/\text{h}$





RONDO 650 Item no. 8116 s. page 26







Outer diameter 180 mm 400 m³/h | 600 m³/h | 800 m³/h



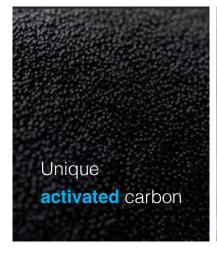
RONDO 400 Item no. 8418 s. page 27

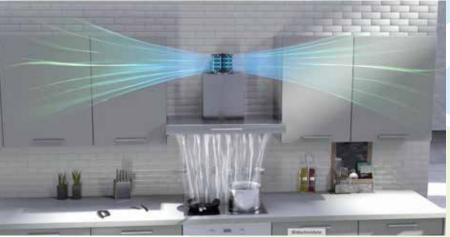


RONDO 600 Item no. 8618 s. page 28



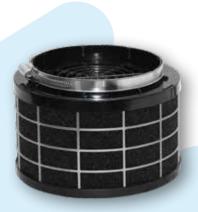
RONDO 800 Item no. 8818 s. page 29







Outer diameter 210 mm $500~m^3/h\mid 800~m^3/h\mid 1000~m^3/h$



RONDO 500 Item no. 8521 s. page 30



RONDO 800 Item no. 8821 s. page 31



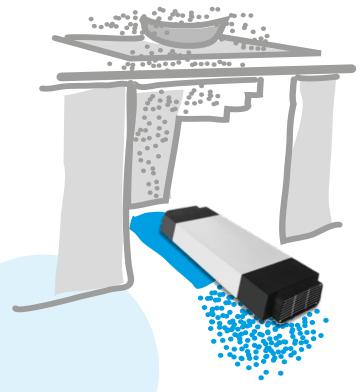








for trough ventilators



aira® QUADRO is integrated into the base unit plinth for use in hob hob ventilators, but is also ideal for many other applications. This filter system is recommended for combined cooktop hob extractors and forced ventilation systems in suspended ceilings.

aira® QUADRO can be mounted in almost any position (across, upright, etc.). This means that aira® QUADRO stands for the highest technical performance standard.



Dimensions 325 x 280 x 92 mm $400 \text{ m}^3/\text{h}$



QUADRO 400 Item no. 8740 s. page 34

Dimensions 465 x 280 x 92 mm $800 \text{ m}^3/\text{h}$

QUADRO 800 Item no. 8780 s. page 34



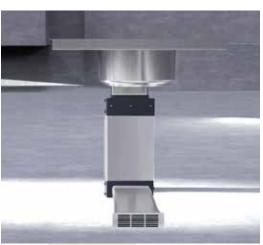
Dimensions 575 x 280 x 92 mm $1200 \text{ m}^3/\text{h}$



QUADRO 1200Item no. 8712
s. page 34













 $aira^{\circ}$ QUADRO L – like the $aira^{\circ}$ QUADRO – is integrated into the base for use in hob extractors and is ideal for other applications thanks to its "upright installation". For example, this filter system is recommended for combined hob extractors and forced ventilation systems in suspended ceilings.

Thanks to its L-shape, aira® QUADRO L can be installed in almost any position (across, upright, etc.).

Dimensions 465 x 280 x 92 mm $750 \text{ m}^3/\text{h}$



QUADRO L 750Item no. 8775
s. page 35

Dimensions 575 x 280 x 92 mm 950 m³/h



QUADRO L 950 Item no. 8795 s. page 35

QUADRO slimline

aira® QUADRO slimline – like the aira® QUADRO – is suitable for use in cooktop hob extractors, both upright and horizontal in the plinth. The **slimline** versions are particularly flat and are also suitable for 6 cm plinths.

600 m³/h

Dimensions 390 x 280 x 58 mm _____ Dimensions 480 x 280 x 58 mm 800 m³/h



QUADRO slimline 600 Item no. 8762 s. page 36



QUADRO slimline 800 Item no. 8782 s. page 36





QUADRO L slimline

aira® QUADRO L slimline – like the aira® QUADRO – suitable for use in cooktop hob hob fans in the plinth. The L slimline variants are particularly flat and are also suitable for 6 cm plinths. Thanks to their L-shape, they can be installed in almost any position.

_____ Dimensions 390 x 280 x 58 mm _ 600 m³/h

Dimensions 480 x 280 x 58 mm 800 m³/h



QUADRO L slimline 600 Item no. 8761 s. page 37



QUADRO L slimline **800** Item no. 8781 s. page 37



for inclined and flat hoods



The **aira® PLANO** plasma filter covers a wide range of other applications in the professional sector. Like the other plasma filters from AVITANA, the filter is quick and easy to install and can be retrofitted to existing extractor hoods so that nothing stands in the way of fresh air.

An integrated electronic sensor switches the filter on automatically at 1m/sec. air flow automatically switches on.

Thanks to the ionization process, our filter removes up to 98% of all odours. Viruses, pollen, bacteria and allergenic substances, including tobacco smoke, are also eliminated and no ozone is released to the outside.



Dimensions 210 x 250 x 87 mm ______



PLANO 400 Ø 150 mm Item no. 8940 s. page 38



PLANO 400 Ø 120 mm Item no. 8948 s. page 38





Dimensions 210 x 250 x 87 mm 500 m³/h



PLANO 500 Ø 150 mm Item no. 8950_white s. page 38

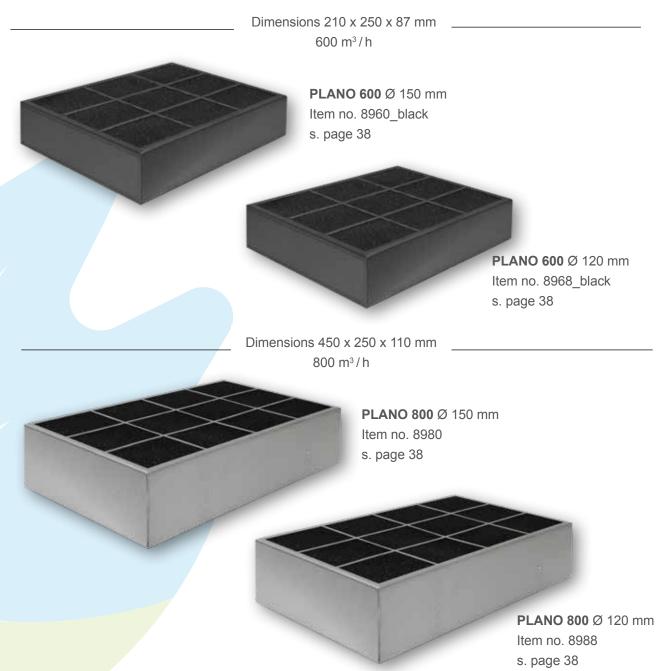


PLANO 500 Ø 120 mm Item no. 8958_white s. page 38







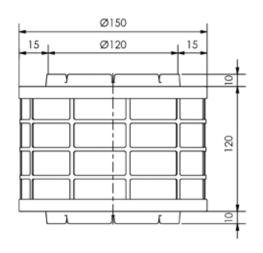


The aira® PLANO-standard version is made of stainless steel, the filter is also available in black and white powder-coated.









RONDO 350 | MC Ø 120 mm

Item no. 8113

Dimensions Ø 150 x 120 mm

Air flow rate 350 m³/ h

Connection voltage 210 - 250 Volt

Motor connection Ø 120 mm

- 250 Voit Plug / ca

Weight 0.6 kg

VP dimension 400 x 260 x 230 mm

VP unit 1 piece

Plug / cable Euro/150 cm

Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, 2 min / max. pressure difference: at 2 m/s flow, 100 Pa

Electrical operation: primary: 210-250 V, 50Hz | secondary: HV approx. 5 KV, 10 Watt Power consumption: max. 10 Watt, max. 3.65 KW p.a. | Standby consumption: max. 0.5 Watt

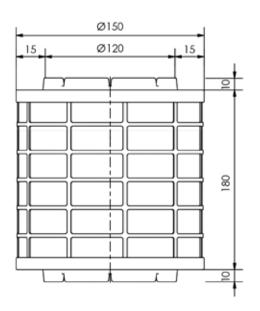
Subject to technical changes!











RONDO 550 | MC Ø 120 mm

Item no. 8115 Weight

0.8 kg Ø 150 x 180 mm **Dimensions VP** dimension 400 x 260 x 230 mm

550 m³/ h Air flow rate **VP** unit 1 piece

Connection voltage 210 - 250 Volt Euro/150 cm Plug / cable

Ø 120 mm **Motor connection**

Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, 2 min / max. pressure difference: at 2 m/s flow, 100 Pa

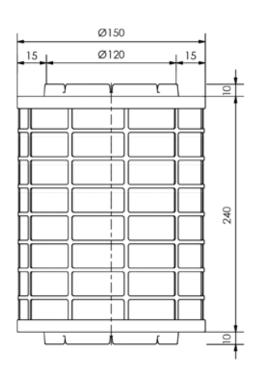












RONDO 650 | MC Ø 120 mm

Item no. 8116 Weight 1.0 kg

Dimensions \varnothing 150 x 240 mm **VP dimension** 400 x 260 x 230 mm

Air flow rate650 m³/ hVP unit1 pieceConnection voltage210 - 250 VoltPlug / cableEuro/150 cm

Motor connection Ø 120 mm

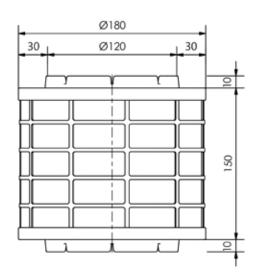
Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, $2 \, \text{min}$ / max. pressure difference: at $2 \, \text{m/s}$ flow, $100 \, \text{Pa}$











RONDO 400 | MC Ø 120 mm

Item no. 8418 Weight 1.12 kg

Dimensions \varnothing 180 x 150 mm **VP dimension** 400 x 260 x 230 mm

Air flow rate400 m³/ hVP unit1 piece

Connection voltage 210 - 250 Volt Plug / cable Euro/150 cm

Motor connection Ø 120 mm

Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, $2 \min$ / \max . pressure difference: at $2 \min$ flow, $100 \ge 2 \min$

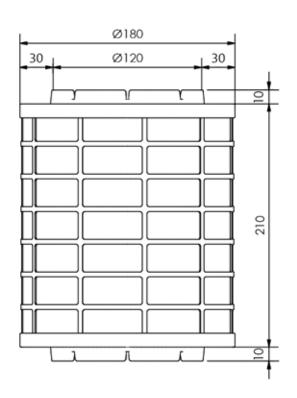












RONDO 600 | MA Ø 120 mm

Item no. 8618 Weight

Dimensions \varnothing 180 x 210 mm **VP dimension** 400 x 260 x 230 mm

Air flow rate600 m³/ hVP unit1 pieceConnection voltage210 - 250 VoltPlug / cableEuro/150 cm

Motor connection Ø 120 mm

Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, $2 \min$ / \max . pressure difference: at $2 \min$ flow, $100 \ge 2 \min$

Electrical operation: primary: 210-250 V, 50Hz | secondary: HV approx. 5 KV, 10 Watt Power consumption: max. 10 Watt, max. 3.65 KW p.a. | Standby consumption: max. 0.5 Watt Subject to technical changes!



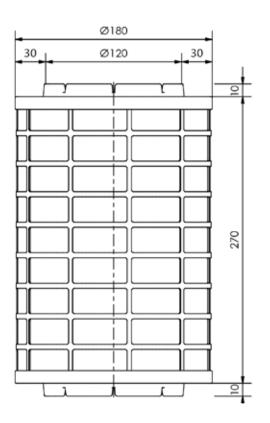
1.56 kg











RONDO 800 | MC Ø 120 mm

Item no. 8818

Dimensions Ø 180 x 270 mm

Air flow rate 800 m³/ h

210 - 250 Volt **Connection voltage**

Motor connection Ø 120 mm Weight 1.76 kg

VP dimension 400 x 260 x 230 mm

VP unit 1 piece

Plug / cable Euro/150 cm

Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, 2 min / max. pressure difference: at 2 m/s flow, 100 Pa

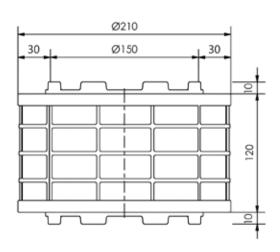












RONDO 500 | MC Ø 150 mm

Item no. 8521 Weight 1.22 kg

Dimensions \varnothing 210 x 120 mm **VP dimension** 400 x 260 x 230 mm

Air flow rate500 m³/ hVP unit1 piece

Connection voltage 210 - 250 Volt Plug / cable Euro/150 cm

Motor connection Ø 150 mm

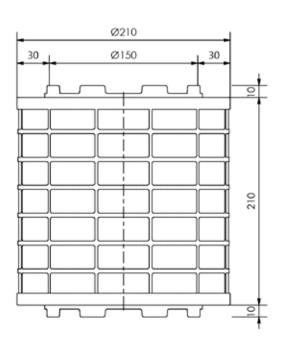
Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, 2 min / max. pressure difference: at 2 m/s flow, 100 Pa











RONDO 800 | MC Ø 150 mm

Item no. 8821 Weight 1.66 kg

Dimensions \varnothing 210 x 210 mm **VP dimension** 400 x 260 x 230 mm

Air flow rate800 m³/ hVP unit1 pieceConnection voltage210 - 250 VoltPlug / cableEuro/150 cm

Motor connection Ø 150 mm

Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, 2 min / max. pressure difference: at 2 m/s flow, 100 Pa

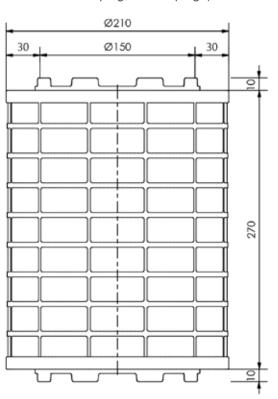












RONDO 1000 | MC Ø 150 mm

Item no. 8121 Weight 2.0 kg

Dimensions Ø 210 x 270 mm **VP dimension** 400 x 260 x 230 mm

Air flow rate1000 m³/ hVP unit1 pieceConnection voltage210 - 250 VoltPlug / cableEuro / 150 cm

Motor connection ∅ 150 mm

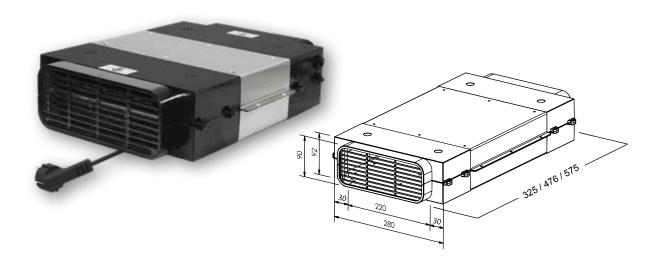
Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, 2 min / max. pressure difference: at 2 m/s flow, 100 Pa











QUADRO 800

	MC 220 X 90 mm	MC 220 X 90 mm	WC 220 X 90 mm
Item no.	8740	8780	8712
Dimensions	325 x 276 x 92 mm	476 x 276 x 92 mm	575 x 276 x 92 mm
Air flow rate	400 m ³ / h	800 m ³ / h	1200 m³/ h
Connection voltage	210 - 250 Volt	210 - 250 Volt	210 - 250 Volt
Motor connection	220 x 90 mm	220 x 90 mm	220 x 90 mm
Weight	3.0 kg	6.0 kg	6.5 kg
VP dimension	660 x 310 x 110 mm	660 x 310 x 110 mm	660 x 310 x 110 mm
VP unit	1 piece	1 piece	1 piece
Plug / cable	Schuko/195 cm	Schuko/195 cm	Schuko/195 cm

Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, $2 \min / \max$. pressure difference: at $2 \min / \max$.

QUADRO 400

Electrical operation: primary: 210-250 V, 50Hz | secondary: HV approx. 5 KV, 10 Watt Power consumption: max. 10 Watt, max. 3.65 KW p.a. | Standby consumption: max. 0.5 Watt Subject to technical changes!



QUADRO 1200



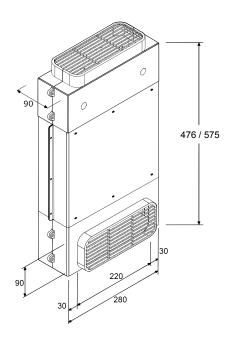




QUADRO L | Product info



QUADRO L 750 MC 220 x 90 mm



QUADRO L 950 MC 220 x 90 mm

Item no.	8775		8795
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Dimensions 476 x 276 x 92 mm 575 x 276 x 92 mm

 Air flow rate
 750 m³/ h
 950 m³/ h

 Connection voltage
 210 - 250 Volt
 210 - 250 Volt

 Motor connection
 220 x 90 mm
 220 x 90 mm

Weight 5.7 kg 6.5 kg

VP dimension 610 x 310 x 140 mm 610 x 310 x 140 mm

VP unit 1 piece 1 piece

Plug / cable Schuko / 195 cm Schuko / 195 cm

Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, $2 \min$ / \max . pressure difference: at $2 \min$ flow, $100 \ge 2 \min$

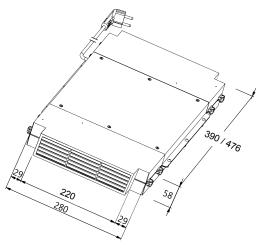












QUADRO 600 slimline MC 220 x 58 mm

QUADRO 800 slimline MC 220 x 58 mm

Dimensions
Air flow rate
Connection voltage
Motor connection

Item no.

Weight
VP dimension
VP unit

Plug / cable

8762

390 x 280 x 58 mm

600 m³/ h

210 - 250 Volt

220 x 58 mm

3.4 kg net | 3,9 kg gross

660 x 310 x 110 mm

1 piece

Schuko/195 cm

8782

476 x 280 x 58 mm

800 m³/ h

210 - 250 Volt

220 x 58 mm

4.0 kg net | 4.5 kg gross

660 x 310 x 110 mm

1 piece

Schuko/195 cm

Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, $2 \min$ / \max . pressure difference: at $2 \min$ flow, 100 Pa





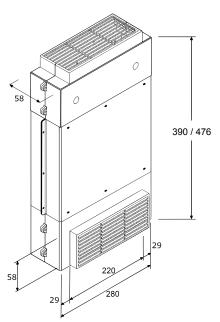




QUADRO L slimline | Product info



VP unit



QUADRO L 600 slimline MC 220 x 58 mm

QUADRO L 800 slimline MC 220 x 58 mm

1 piece

Item no.	8761	8781
Dimensions	390 x 280 x 58 mm	476 x 280 x 58 mm
Air flow rate	600 m³/ h	800 m ³ / h
Connection voltage	210 - 250 Volt	210 - 250 Volt
Motor connection	220 x 58 mm	220 x 58 mm
Weight	3.4 kg net 3.9 kg gross	4.0 kg net 4.5 kg gross
VP dimension	660 x 310 x 110 mm	660 x 310 x 110 mm

Plug / cable Schuko/195 cm Schuko/195 cm

Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, 2 min / max. pressure difference: at 2 m/s flow, 100 Pa

1 piece

Electrical operation: primary: 210-250 V, 50Hz | secondary: HV approx. 5 KV, 10 Watt Power consumption: max. 10 Watt, max. 3.65 KW p.a. | Standby consumption: max. 0.5 Watt Subject to technical changes!









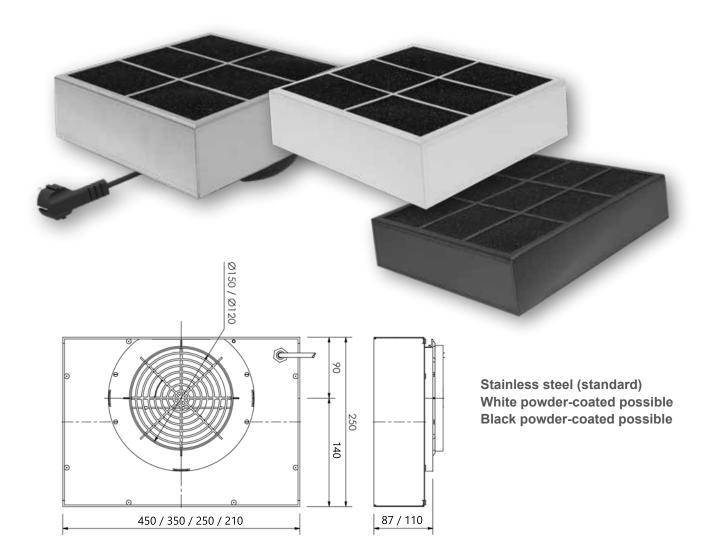
Included in the scope of delivery:

PLANO 8940, 8950, 8960, 8980: item no. 7550 (adapter | reducer) A150/150, eccentric)

7020_210 (Hose clamp Ø 210)

PLANO 8948, 8958, 8968, 8988: item no. 7546 (adapter MA120/120, eccentric),

7020_180 (Hose clamp Ø180)





	PLANO 400 MC Ø 120/150 mm	PLANO 500 MC Ø 120/150 mm	PLANO 600 MC Ø 120/150 mm	PLANO 800 MC Ø 120/150 mm
Item no.	Ø 150 m 8940 8940_white 8940_black	Ø 150 mm 8950 8950_white 8950_black	Ø 150 mm 8960 8960_white 8960_black	Ø 150 mm 8980 8980_white 8980_black
Item no.	Ø 120 mm 8948 8948_white 8948_black	Ø 120 mm 8958 8958_white 8958_black	Ø 120 mm 8968 8968_white 8968_black	Ø 120 mm 8988 8988_white 8988_black
Dimensions	210 x 250 x 87 mm	250 x 250 x 87 mm	350 x 250 x 87 mm	450 x 250 x 110 mm
Air flow rate	400 m ³ / h	500 m³/ h	600 m ³ / h	800 m ³ / h
Connection voltage	210 - 250 Volt			
Motor connection	Ø 120 + 150 mm			
Weight	2.2 kg	2.5 kg	3.1 kg	3.8 kg
VP dimension	400 x 260 x 230 mm	400 x 260 x 230 mm	400 x 260 x 230 mm	610 x 320 x 140 mm
VP unit	1 piece	1 piece	1 piece	1 piece
Plug / cable	Schuko/195 cm	Schuko/195 cm	Schuko/195 cm	Schuko/195 cm

Contact time / flow velocity: depending on degree of soiling 0.1-1 sec, 2 min / max.

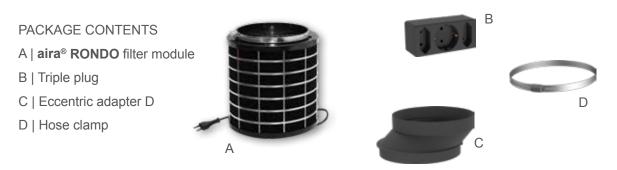
pressure difference: at 2 m/s flow, 100 Pa

Electrical operation: primary: 210-250 V, 50Hz | secondary: HV approx. 5 KV, 10 Watt Power consumption: max. 10 Watt, max. 3.65 KW p.a. | Standby consumption: max. 0.5 Watt

Subject to technical changes!



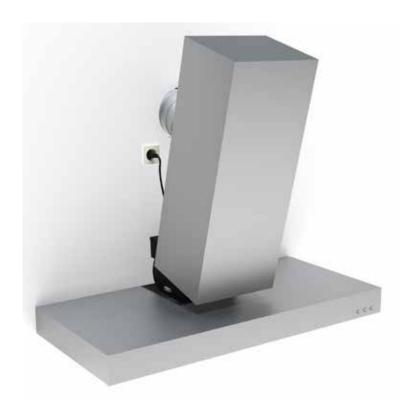




The **aira® RONDO** filter is placed on the extractor hood motor. With this aira® filter system, you can transform your extractor hood into an air purification unit that absorbs up to 98 % of all odors, viruses and bacteria.

Proceed as follows to install the filter:

1. Remove the chimney shaft and disconnect the hood from the power supply.





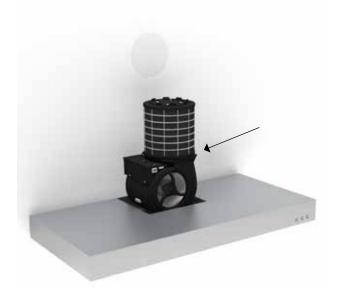
2. Remove the exhaust air hose or carbon filter and, if present, close the exhaust air hole.





3. If the adapter (C) is used, place it on the spigot. Place the filter (A) on the adapter (C) or directly on the exhaust air connection piece.





RONDO | Assembly instructions

4. Connect the hood and filter plugs to the triple plug (B).



5. Place the chimney shaft back on the hood.

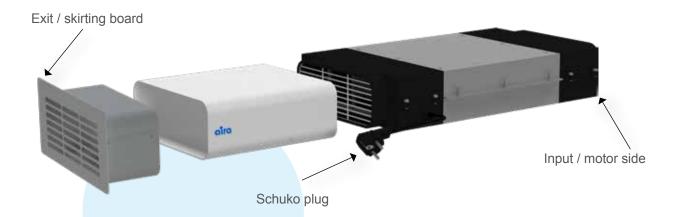






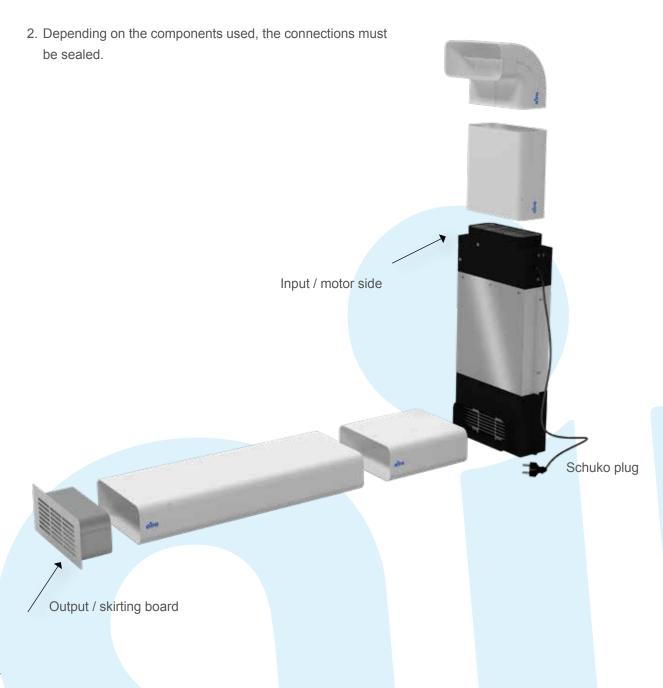
QUADRO + QUADRO slimline | Assembly instructions

- 1. The aira® QUADRO filter can be mounted in almost any position (transverse, vertical, upright, etc.). The only decisive factor is the correct positioning of the motor side and the resulting output.
- 2. Depending on the components used, the connections must be sealed.



QUADRO L + QUADRO L slimline | Assembly instructions

1. The aira® QUADRO L filter can be mounted in almost any position (transverse, vertical, upright, etc.). The only decisive factor is the correct positioning of the motor side and the resulting output.





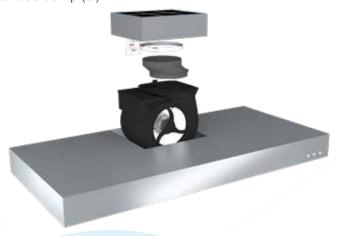
PLANO | Assembly instructions

PACKAGE CONTENTS

- A | aira® PLANO filter module C
- B | Eccentric adapter
- C | Hose clamp



1. Place the **aira® PLANO** (A) on the adapter (B) or directly on the exhaust air connection and tighten the hose clamp (C).







Important warnings

- Only use **aira**® filters with a commercially available extractor unit with grease filters in conjunction with fire-retardant properties.
- Good ventilation should always be ensured so that there is sufficient oxygen in the room air. Commercially available brand hoods also indicate this!
- Please do not insert any objects into the aira module under any circumstances! There is a risk of electric shock! ALWAYS work on the module with the mains plug disconnected!
- Touching the module with wet hands or objects also carries the risk of electric shock.
 Always work on the module with the mains plug disconnected!
- Blocking of the air inlet and air outlet must be avoided at all times. Pull out the mains plug
 if necessary!
- If the module shows signs of damage, it must not be used under any circumstances!
- Persons with reduced physical, sensory or mental capabilities or lack of experience and children aged 8 and over may only use this module under the supervision of a competent person. Further warnings can be found in the following chapters.
- The module must never be used as a toy for children!
- Cleaning or maintenance work must not be carried out by children without a qualified person!
- Please observe the installation instructions and warnings for your extractor hood.
- aira® was designed exclusively for use in private households!
- As in the manual for your extractor hood, we would also like to point out that you should never allow high flames to develop under the hood! Similarly, you should not flambé under extractor hoods, as both can lead to a fire hazard and cause considerable consequential damage!
- Overheated oil is also a potential fire hazard. Never extinguish with water!
- Carbon monoxide or other chemical gases cannot be removed with the aira®!





Warnings and installation instructions

- The aira® filter module may only be connected with the cable plug belonging to the unit!
 (Warranty)
- If the supply line is damaged, the appliance must be returned to the dealer/manufacturer for scrapping.
- Carefully open the packaging and remove the aira® filter module and check the
 contents of the package for completeness! Keep the packaging until it has been
 checked for correct operation and use it for returns if necessary. Otherwise, please
 dispose of it in an environmentally friendly manner. Thank you!
- Please observe the installation instructions and follow them step by step. Check the
 connection between the aira[®] filter module and the motor outlet for tightness to avoid air
 leaks so that the system works properly.
- Check that the mains plug is and remains freely accessible after installing the module! The integrated mains connection cable cannot and must not be replaced.
- NOTE: If the aira® filter is not installed in accordance with these instructions, the warranty on the aira® filter expires with immediate effect!
- All aira® filter modules listed in these instructions are plug-in products. Please follow the installation instructions.
- The mains supply should be provided by a nearby socket (210-250 V / 50 Hz).
- If there are small black spherical particles in the packaging, these originate from the high performance carbon filter and were released during transportation. This does not affect the functionality of the aira® filter! These particles are harmless and can be disposed of with household waste. Please do not use for consumption!
- The appliance may only be operated with the supply cable provided.



Warnings for operation

For optimum room air purification, it is essential that your extractor hood is sufficiently ventilated and adapted to the respective steam development:

- Start your extractor hood at level 1 or 2 10 minutes before you start cooking.
- After the cooking process has finished, the extractor hood must run on level 1 or 2 for at least 15 minutes.
- If the room volume exceeds 50 m³ (width x length x height = room volume), the run-on time should be at least 15 minutes.
- The distance between the filter and furnishings should be at least 10 mm.
- When using grills or deep fryers, please double the runtime of the after-ventilation.
- The grease filter of the extractor hood should have at least 8 layers.

The aira® module also acts as an air purifier at low speed and cleans the air not only of kitchen vapors and odors, but also all types of allergens, bacteria, pollen and viruses, thus ensuring healthy indoor air.

Care and maintenance

If the **aira**® filter module is installed in accordance with the installation instructions, it does not require any maintenance. The aira filter module starts the automated cleaning process as soon as it is in operation.

The aira® filter module is maintenance-free. However, make sure that the grease filter of your extractor hood is cleaned regularly and is free of grease.

Warranty services and conditions

We at AVITANA® are delighted that you have purchased one of our high-tech modules and are convinced that your living comfort will be enhanced by the fresh and purified air.

We grant a **60-month guarantee** on our products provided that they are installed correctly and professionally. It is essential that the pre- and post-installation times of the extractor hood are observed.

If you still have reasons for complaint, please contact your dealer, who will then contact us. Together we will find a good solution.



Final notes

The manufacturer's operating instructions must be read carefully before installation! If the filter does not start up properly, please check first:

- a) whether the power supply is guaranteed (check socket / connect another device if necessary)
- b) whether the appliance plug is defective or whether it is firmly inserted into the socket.

Installing the aira® filter

The **aira**® filter is relatively easy to install. The installation of the **aira**® filter is intended as a retrofit or conversion of an existing extractor hood unit or its use in recirculation mode. The step-by-step procedure is described in this installation description.

Please dispose of the packaging in an environmentally friendly manner. Thank you!

The **aira**® filter module meets the requirements of EU regulations and the EU directives for waste electrical and electronic equipment (WEEE)! All components of the filter module are recyclable! The packaging materials can be recycled in an environmentally friendly manner.

These installation instructions have been compiled by our technicians with the utmost care. No legal claims can be derived from printing or spelling errors!



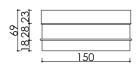
The manufacturer of the product(s) described herein, to which this declaration refers, hereby declares under his sole responsibility that these product(s) comply with the relevant, basic safety, health and protection requirements of the existing EU directives and that the corresponding test control, in particular the CE declaration of conformity duly issued by the manufacturer or his authorized representative, is available for inspection by the competent authorities and can be requested from the seller of the device.

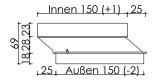




Adapter (MA150/150. essentric) | included with RONDO models 8521, 8821, 8121 | Item no. 7550

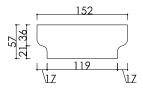


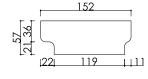




Adapter | reducer (MA150/120. essentric) | included with RONDO models 8113, 8115, 8116, 8418, 8618, 8818 | **Item no. 7547**

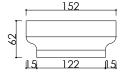


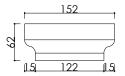




Adapter | reducer (MA150/120. straight) | Item no. 7551

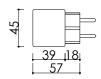


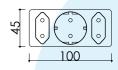




Euromulti plug 2+1 (1 Schuko plug, 2 Euro plug) | included with RONDO models | Item no. 7001











Hose clamp Ø 210 | included with RONDO models | Item no. 7020_210



Hose clamp Ø 180 | included with RONDO models | Item no. 7020_180

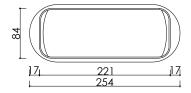




Bora-Adapter in Verbindung mit QUADRO connector **Item no. 7577**





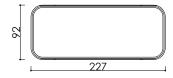


QUADRO connector

Item no. 7557





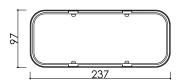


QUADRO universal connector

Item no. 7557_Flex



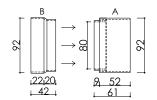


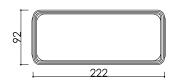


QUADRO Adapter international

Item no. 7569







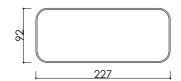




QUADRO tube 500 mm

Item no. 7556

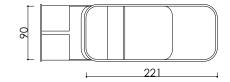


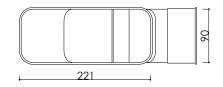


QUADRO bend horizontal 90°

Item no. 7565



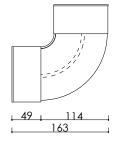


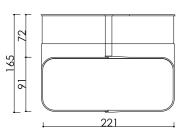


QUADRO bend vertical 90°

Item no. 7566



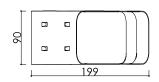


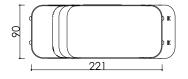


QUADRO bend horizontal 30°

Item no. 7570







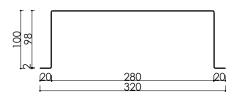


QUADRO bracket

Item no. 7017



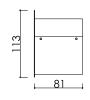




QUADRO cover (ventilation grille 113 mm)

Item no. 7025 | 7025_black | Item no. 7025_white





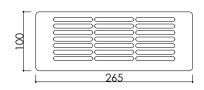


QUADRO cover (ventilation grille 100 mm)

Item no. 7026 | 7026_black | Item no. 7026_white







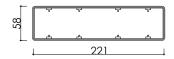




QUADRO slim wide trunking connector | included with all QUADRO slim models **Item no. 7543**

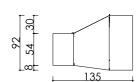


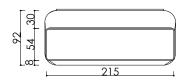




QUADRO slim adapter (F-Top 150) | included with all QUADRO slim models Item no. 7542







QUADRO slim wide duct reducer (300 mm)

Item no. 7578





QUADRO slim wide duct pipe 500

Item no. 7541





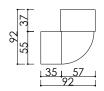


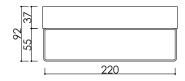
QUADRO slimline | Accessories

QUADRO slim wide duct bend vertical 90°

Item no. 7544

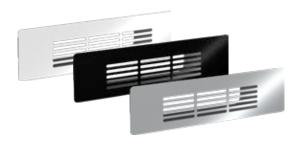




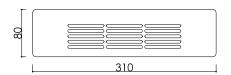


QUADRO slim cover (ventilation grille 80 mm)

Item no. 7567 | 7567_black | Item no. 7567_white







QUADRO slim (ventilation grille 65 mm)

Item no. 7568 | 7568_black | Item no. 7568_white







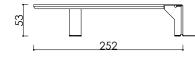




PLANO cover 400/500 (air duct)

Item no. 7018

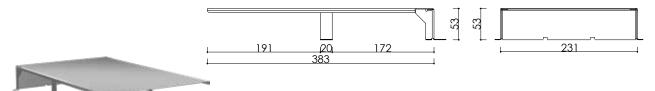






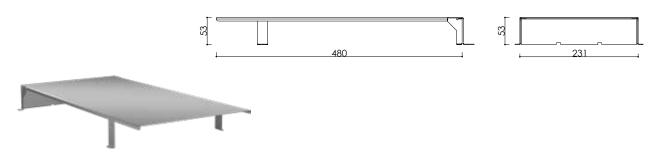
PLANO cover 600 (air duct)

Item no. 7016



PLANO cover 800 (air duct)

Item no. 7015

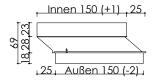




Adapter (MA150/150. essentric) | included with PLANO models 8940. 8950. 8960. 8980 | Item no. 7550



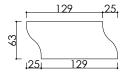




Adapter (MA 120/120. essentric) included with PLANO models 8948, 8958, 8968, 8988 | Item no. 7546







Hose clamp Ø 210 | included with PLANO models | Item no. 7020_210



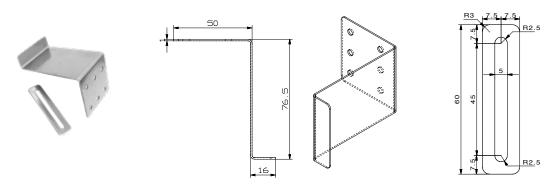
Hose clamp Ø 180 | included with PLANO models | Item no. 7020_180







PLANO mounting bracket (set, consisting of 2 brackets and 2 retaining plates) | Item no. 7082



Kitchen planning programs

There are several IT-supported planning programs for the kitchen industry, but only a few achieve very high market penetration. These include the systems from Carat, Compusoft/ Cyncly (Winner Flex) and SHD (KPS.MAX). Avitana's plasma filters are integrated into all three of the aforementioned planning programs and are therefore present on key channels for kitchen planners and studios.

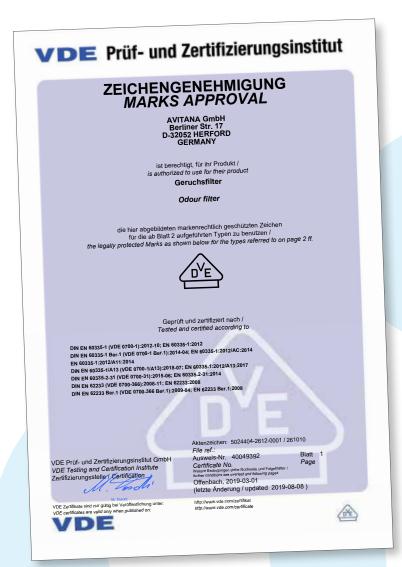
Product integration into kitchen planning programs not only makes consultation more efficient, but also simplifies and accelerates the entire planning process and limits potential sources of error. The sales department also has easier access to the decisionmakers and, conversely, Avitana benefits in terms of product development. The respective product catalogs can be requested from the company or – thanks to digitization – downloaded or subscribed to in the provider cloud.



Monitoring and certification

For Avitana, product quality is paramount - also when it comes to electrical safety and consumer protection. Thanks to permanent monitoring and annual certification by the VDE Testing and Certification Institute (Offenbach a.M.), the plasma systems guarantee 100 percent tested reliability. Currently the only ones on the market!

In addition to the VDE mark, the IUTA certificate from the Energy and Environment Institute (Duisburg) guarantees the quality of the purified exhaust air from a health point of view. With Avita- na filters, the ozone that is briefly produced during the purification process demonstrably decomposes completely into pure oxygen – before the purified air leaves the filters.



Studies by the IPN Leibniz Institute for Plasma Research and Technology (Greifswald) also confirm that Avitana's filter systems guarantee complete freedom from ozone thanks to their ingenious design.

"Virtually odorless sizzling" is certified by the Kiel-based institute Olfasense with test certificate 1296-2020-00.

After successful testing in accordance with DIN EN 13725:2003 (determination of odor concentration using dynamic olfactometry), the certificate scientifically confirms an exceptionally high degree of odor reduction when frying fish and French fries. Olfasense operates worldwide and is monitored by the German accreditation body DAkkS.



Institut für Energie- und Umwelttechnik e.V. (IUTA)

Luftreinhaltung & Filtration Bliersheimer Straße 58 - 60 47229 Duisburg Deutschland



IUTA-Zertifikat

Ozonemission der Plasma-Filtereinheit Rondo 500 mit und ohne Aktivkohlefilter

Kunde: Avitana GmbH

IUTA-Bericht: UN2-180716-T5599900-079
Zertifikat-Nummer: UN2-180716-T5599900-079

Prüflinge: Plasma-Filtereinheit Rondo 500 mit Aktivkohlefilter

Plasma-Filtereinheit Rondo 500 ohne Aktivkohlefilter

(jeweils verbaut in einer handelsüblichen Dunstabzugshaube)

Getestete Parameter

Prüfkammer: 30 m³ CADR-Testkammer

Gemessene Substanz: Ozon (O₃)

Messgerät: MLU 400 Ozon-Monitor

Messergebnisse

Prüfling	Ozon-Konzentration in Testkammer nach 90 Minuten
Plasma-Filtereinheit Rondo 500 mit	4 ppb
Aktivkohlefilter	1 pp2
Plasma-Filtereinheit Rondo 500 ohne Aktivkohlefilter	879 ppb

Die Ozon-Konzentration in der Testkammer nach 90 Minuten ist mit Aktivkohlefilter um 99,5 % geringer als ohne.



Leibnic institut für Plasmaforschung und Technologie e.V. 30 - Febrikanisch bis I - 1186 beisent

AVITANA GmbH Berliner Straße 17

32052 Herford

Greifswald, den 18.07.2023

Arbeitsprinzip und Aktivität Ihrer Plasmamodule – Aktivkohleeinheit

Sehr geehrte Damen und Herren,

wir danken Ihnen für das entgegengebrachte Vertrauen, dass Sie uns mit Ihrer Beauftragung tgegengebracht haben

Wir haben die von ihnen zur Verfügung gestellten Aktivkohlefüter hinsichtlich des Abbaus von Ozon untersucht. Dazu wurden Proben der Filter mit coonsisierter Luft aus einer in-house Plasmaquelle bei gleichen Gasgeschwindigkeiten, wie sie in Ihren Produkten auftreten, beaufschlagt. Die Aktivkohlefüter bauen das Ozon wirksam ab, erst bei einer Eingangskonzentration von 100 ppm wurde unmittelbar ein Durchbrechen des Ozons beobschleit. Ob bzw. wann es zum Durchbruch kommt, hangt von der Merige an Ozon und der Versuchdaduer eine Konzentration von ca. 20 ppm gemessen. Bei siner Eingangskonzentration von 60 ppm stehen nicht mehr sis 1 ppm auch nach mehrenen Stunden aus, bei 40 ppm liegt der Wert hinter der Aktivkohle für mehr als eine Stunde unter dem Geruchsschweilenwert von 50 ppt.

Thre Plasmamodule produzieren deutlich weniger als 40 ppm Ozon, so das davon ausgegangen werden kann, dass hinter den Astivkohleftlern kein Ozon mehr nachweisibar sein wird, was sich auch mit früheren Resultaten aus Untersuchungen in unserem Hause deckt und die Aktivkohleftler somt auch über einen langen Zeltraum wirksam sein sollten. Die Plasmateistung ihrer Module könnte gesteigert werden, ohne dass ein sofortiges Durchbrischen zu befürchten wäre.

Mit freundlichen Grüßen

R. Brown Brandenburg
Forschungsschwerpunktleiter "Plasmachemische Prozesse"



Leibnig-Institut für Plasmefunschung und Technologie a.V. 18f - Felchweelde 2 - Unit Seinest

AVITANA GmbH Sections Straffe 17

32052 Herford

Greffswald, den 25.04.2021

Betrifft: Arbeitsprinzip und Aktivität der Plasmageräte "RONDO"

Sehr geehrte Damen und Herren,

in Ihrem Auftrag haben wir vier unterschiedliche Exemplare des Plasmagerät "Rondo" unternscht. Wir haben des Arbeitsprinzip der Quelle mittels elektrischer Messmethoden unterscuht und damit unter Variation der Empangsspannung dem Strom und die Plasmaleisung bestiemt, Mittels Quasanalytik haben wir die Ozonproduktion des Plasmas untersucht. Außerdem haben wir die Plasmaausbildung Stotgraphisch erfasst und den Einfluss von Feuchtigkeit in der behandelten Luft betrachbet.

Wir haben die Ausbildung einer Barrierenentladung (Dielektrisch Behinderte Entladung) an den Elektroden beobschtet, in der Ozon erzeugt wird. Ozon wurde in allen getesteten Einstellungen gemessen. Eine höhers Ozonausbeute wird durch Erhöhung der Betriebsspannung erhalten.

Mittels der integrierten Aktivkohle wird das Ozon abgebaut. Wir naben außerhalb des vollstandigen Gerates kein Ozon oder andere Nebenprodukte der Plasmabehandlung feststellen können.

Für das entgegengebrachte Vertrauen und den Forschungsauftrag bedanken wir uns

Mit freundlichen Grüßen

Prof. Dr. Ronny Brandenburg Forschungsschwerpunkte ber "Plasmachenrische Prozesso"

Jungar Kolls Prof. Dr. Jürgen Kolo Forschungsschwerpu "Plasmadskontaminat

Vector-integrable

For State Service (Foreign | Foreign | Foreign



olfasense :::

Kurzbericht: Bestimmung des Geruchsminderungsgrad vom aira rondo Filter

Endkunde: Avitana GmbH

Berichtsnummer: 1296-2020-00K

Produkt: Plasmafilter aira rondo (Bj. 2020)

Durchführungszeitraum: Februar 2020

Ziel dieser Untersuchung war es, den Geruchsminderungsgrad vom Plasmafilter aira rondo, bestehend aus einem Plasmaelement und einem Aktivkohleelement, zu bestimmen. Als Geruchsquelle dienten 2 verschiedene Bratszenarios (Pommes und Fisch). Die olfaktometrischen Messungen erfolgten gemäß DIN EN 13725:2003.

Ergebnis:

Der aira rondo Plasmafilter (im Bericht genannt Vollfilter) erreichte in dieser Untersuchung einen Geruchsminderungsgrad von 95,0% für den Fischgeruch und 96,5% für den Pommesgeruch.

Kiel, 12.05: 2020

(Björn Maxeiner - Director, Olfasense GmbH)

Dieser Kurzbericht gilt in Verbindung mit Bericht 1296-2020-00.



Olfasense GmbH www.olfasense.com

Roll-up



aira® Roll-up

Format: 85 x 200 cm **Item no. 8014_01**







Brochure stand DIN long Item no. 8016 Flyer end user, DIN long Item no. 8017



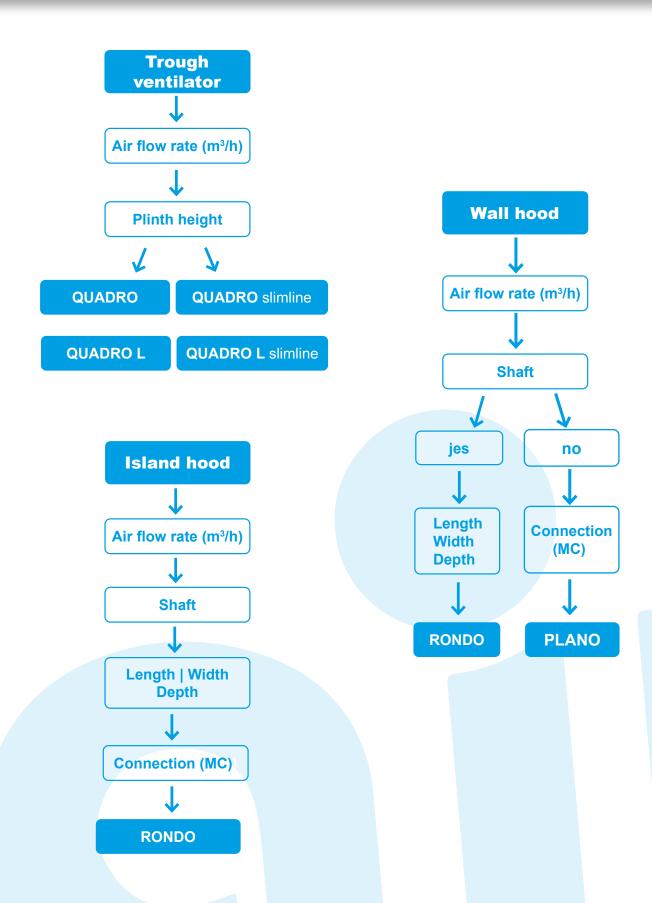
aira® Plexiglass shaft for exhibitions with dummy for presentation Width: 33.8 cm

Height: 50 cm Depth: 26.3 cm Item no. 8012





Welchen aira® Filter benötige ich? AN ORIENTATION GUIDE





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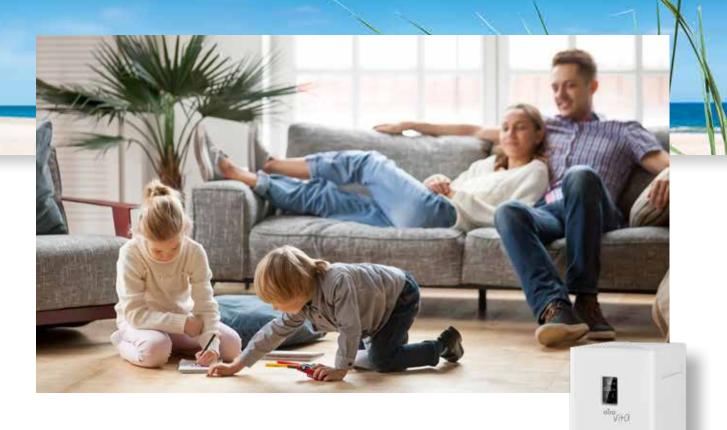


Take a deep breath – anywhere

Unventilated offices, crowds in the bistro, sweaty athletes in the gym, the smell of roasting in the kitchen that lingers for days... Fresh air is often in short supply in modern living environments. Yet healthy, clean air not only makes us feel good, it is also vital for our bodies and minds!

Just like on the beach or in the mountains, you can breathe deeply and freely again thanks to the new airaVita plasma room air filter. In (almost) any place in buildings, because the small, elegant floorstanding device fits perfectly into any room situation – from the doctor's surgery to the bedroom. Easy to carry or roll, **airaVita** is a mobile air purifier that has been proven to destroy viruses as well as odors, pollen and bacteria. Breathe easy!





The plasma room air filter!

The innovative plasma technology used in the airaVita air purifiers releases positive and negative ions to eliminate harmful particles and unpleasant odors. To ensure continuous purification of the air, the air purifiers have several filter stages that remove pollen, mold, bacteria and viruses from the air. The powerful fan inside the device improves the air flow and ensures thorough cleaning of the room air. In addition, the airaVita air purifier is quiet and does not disturb the operation of other appliances or the peace and quiet in the room. Users can easily control the operation and settings of the air purifier and convenient, as the devices are equipped with intuitive controls. The whole thing is rounded off by the elegant and slim design, which fits perfectly into any room decor.

- 98 % purified air
- Tested and certified
- Capacity 650 m³
- Room size up to 80 m²
- Timer 1- 6 hours
- Intuitive control via display
- Operation via Smart Life app
- Air quality information system
- 3 motor speeds, night mode, auto mode
- Available in three colors (white matt/glossy, anthracite)
- Elegant design
- Low noise level (min 31/ max 68 dB)









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