



AVITANA[®]

PLASMA-TECHNOLOGIE

at me!



PRODUCT
CATALOGUE **25|26**

at me!



Breathe. Feel the energy. Live.



PROLOGUE

AVITANA – Fresh air. Greater well-being.

Every day, humans breathe in around 10,000 litres of air – most of it indoors. Unfortunately, good air quality cannot be taken for granted in these spaces. Yet fresh, clean air is key to well-being, concentration and quality of life.

Avitana GmbH, based in Herford, develops and manufactures plasma filter systems that are 'Made in Germany' and reliably clean indoor air of odours, bacteria, pollen and viruses. The filters work without releasing ozone and are maintenance-free – ideal for modern recirculation solutions in kitchens, living spaces and working environments. You will find all the important information about our **aira®** plasma filter systems in our current catalogue.

Be inspired!

Your AVITANA team





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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:

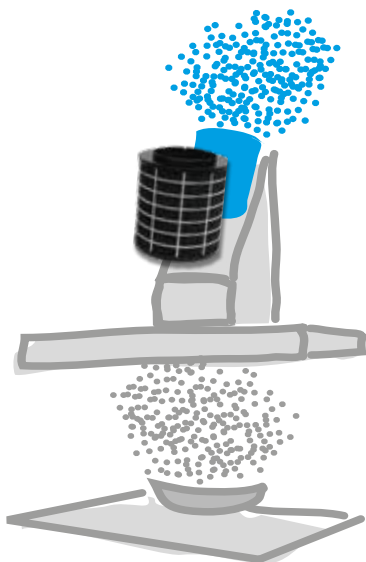
- **aira**® **RONDO** for wall, sloping and island hoods
- **aira**® **QUADRO** for trough ventilators
- **aira**® **PLANO** for inclined and flat hoods



atme!

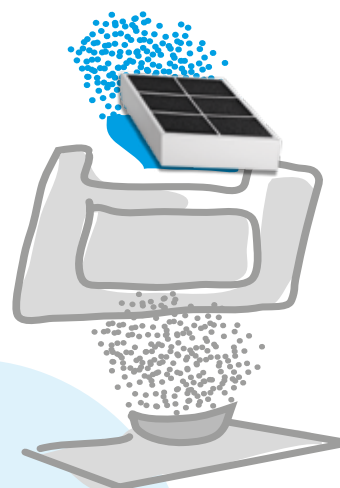
aira[®] RONDO

for wall, sloping and
island hoods



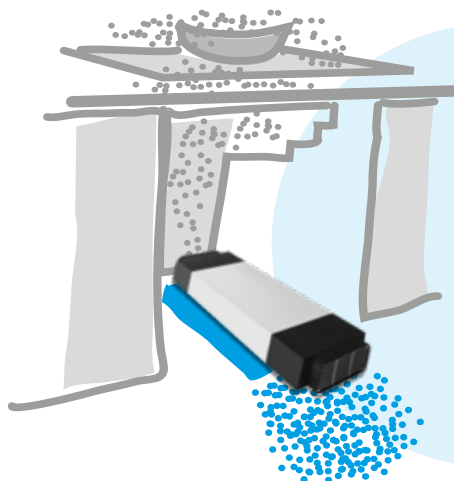
aira[®] PLANO

for inclined and flat hoods



aira[®] QUADRO

for trough ventilators





Viele gute Gründe

- ✓ **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 Leibniz 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

for wall, sloping and
island hoods



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, airta® 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.

aira® RONDO

small filter diameters (approx. 160 mm)

350 m³/h | 550 m³/h | 650 m³/h

RONDO 350

Item no. 8113

s. page 24, 25



RONDO 550

Item no. 8115

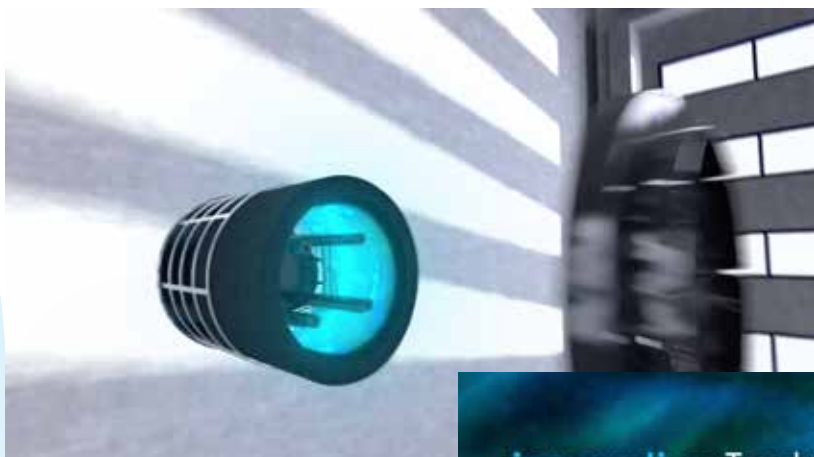
s. page 24, 25



RONDO 650

Item no. 8116

s. page 24, 25



innovative Technologie

atme!

aira® RONDO

medium filter diameter (approx. 190 mm)

400 m³/h | 600 m³/h | 800 m³/h



RONDO 400
Item no. 8418
s. page 26, 27



RONDO 600
Item no. 8618
s. page 26, 27



RONDO 800
Item no. 8818
s. page 26, 27

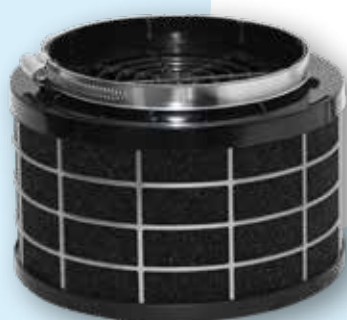


Unique
activated carbon



aira® RONDO

large filter diameters (approx. 220 mm)
500 m³/h | 800 m³/h | 1000 m³/h



RONDO 500
Item no. 8521
s. page 28, 29



RONDO 800
Item no. 8821
s. page 28, 29

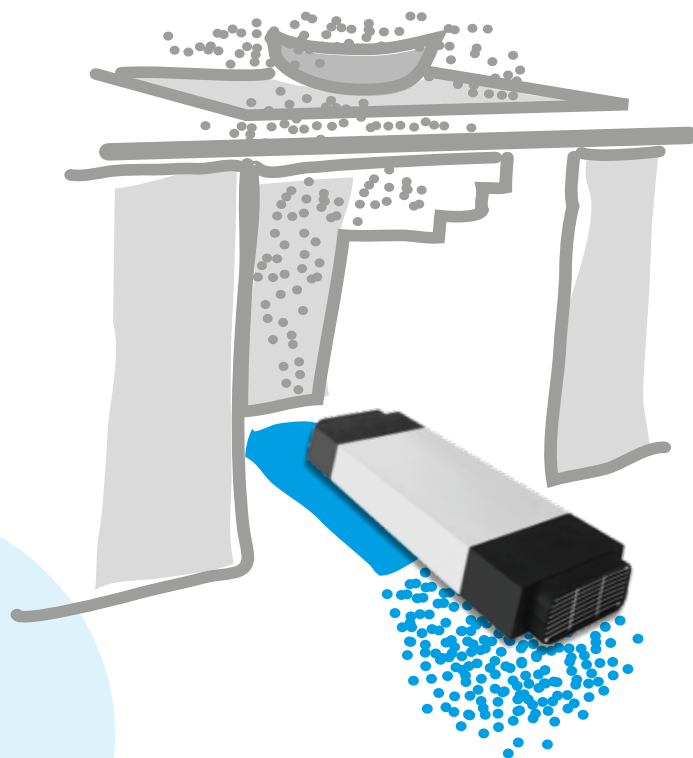


RONDO 1000
Item no. 8121
s. page 28, 29



aira[®] QUADRO

for trough ventilators



aira[®] QUADRO is integrated into the base unit plinth for use in hob hood 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.

aira® QUADRO

Dimensions 390 x 300 x 92 mm
600 m³/h



QUADRO 600

Item no. 8760
s. page 30

Dimensions 467 x 300 x 92 mm
800 m³/h



QUADRO 800

Item no. 8780
s. page 30

Dimensions 577 x 300 x 92 mm
1200 m³/h



QUADRO 1200

Item no. 8712
s. page 30

aira® QUADRO L

aira® QUADRO L – like the **aira**® 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 467 x 300 x 92 mm
750 m³/h

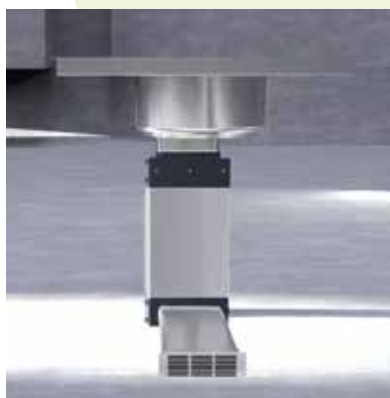


QUADRO L 750
Item no. 8775
s. page 31

Dimensions 577 x 300 x 92 mm
950 m³/h



QUADRO L 950
Item no. 8795
s. page 31



aira® QUADRO slimline | L 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**.

Dimensions 467 x 300 x 58 mm
800 m³/h



QUADRO slimline
Item no. 8782
s. page 32

Dimensions 467 x 300 x 58 mm
800 m³/h



QUADRO L slimline
Item no. 8781
s. page 33



QUADRO slimline
Can be installed between two rear walls



QUADRO L / QUADRO L slimline

aira® QUADRO silent | L silent

aira® QUADRO silent und **L silent** are extensions of the successful QUADRO series, which are particularly characterised by their low noise levels. Thanks to a special silencer system (soundproofing, see drawing below), noises caused by the air flow of the trough fan are greatly reduced.

Dimensions 467 x 300 x 92 mm
800 m³/h

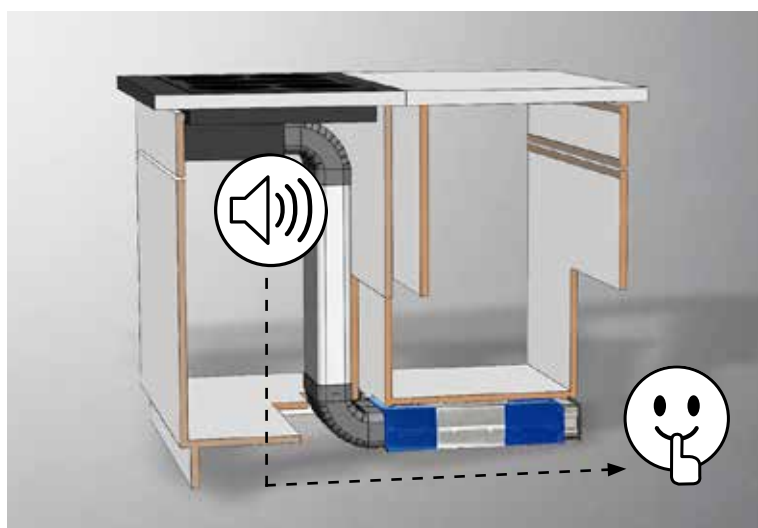


QUADRO silent
Item no. 8783
s. page 34

Dimensions 467 x 300 x 92 mm
750 m³/h



QUADRO L silent
Item no. 8776
s. page 35



Soundproofing: The noise generated by the air flow in the filter is reduced to a minimum by a silencer system.

aira® QUADRO soft + soft slimline

These additions to the **QUADRO** series not only improve air flow, but also reduce pressure loss. Since modern kitchens often do not want an air outlet grille in the kitchen plinth, kitchen manufacturers often implement air flow via a recessed continuous shadow gap in the plinth.

The **aira® QUADRO** soft products are ideal for this design, as their special construction allows them to direct the air evenly to all sides of the plinth. This creates a homogeneous air distribution in the plinth without a local air outlet with high air velocity.

Dimensions 450 x 300 x 92 mm
800 m³/h

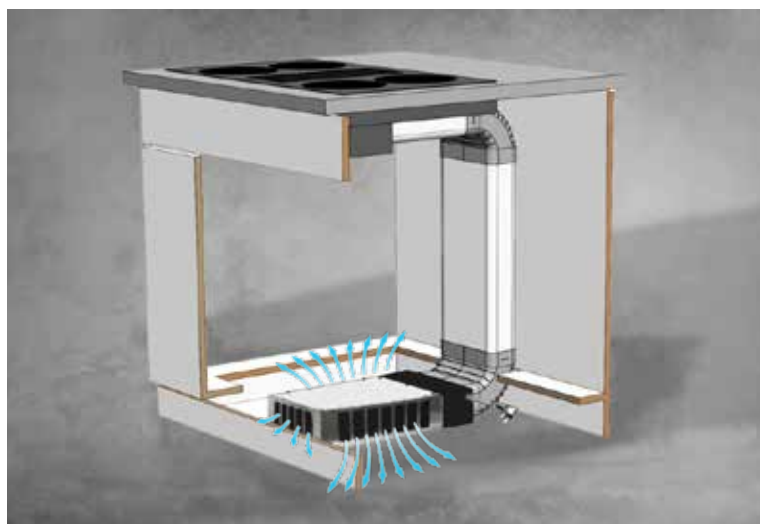


QUADRO soft
Item no. 8784
s. page 36

Dimensions 505 x 300 x 59 mm
800 m³/h



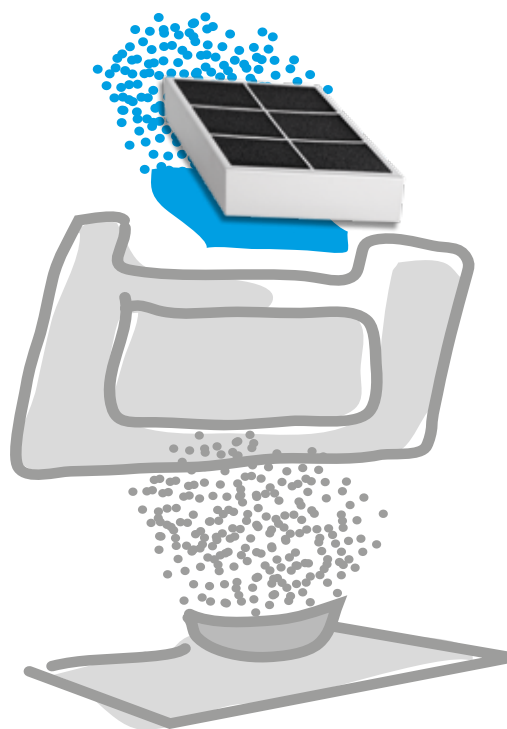
**QUADRO soft
slimline**
Item no. 8785
s. page 37



The air flow is evenly distributed through the openings in the filter housing. If a continuous shadow gap is planned in the base, no air outlet grille is required.

aira® PLANO

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.

aira® PLANO

Dimensions 250 x 250 x 90 mm
500 m³ / h



PLANO 500 Ø 150 mm
Item no. 8950_white
s. page 38, 39

Dimensions 350 x 250 x 90 mm
600 m³ / h



PLANO 600 Ø 150 mm
Item no. 8960_black
s. page 38, 39



aira® PLANO

Dimensions 472 x 202 x 116 mm
750 m³/h



PLANO 750 Ø 150 mm
Item no. 8996
s. page 38, 39



The **aira® PLANO 750** is a real 'space saver'. Its shallow depth (see photo 1) creates additional usable space for a spice rack, for example (see photo 2).

aira® PLANO

Dimensions 450 x 250 x 116 mm
800 m³/h



PLANO 800 Ø 150 mm
Item no. 8980
s. page 38, 39



PLANO for flat screen hoods



screen hoods PLANO mounting bracket (see accessories p. 51)

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

aira[®]
RONDO | Product Info



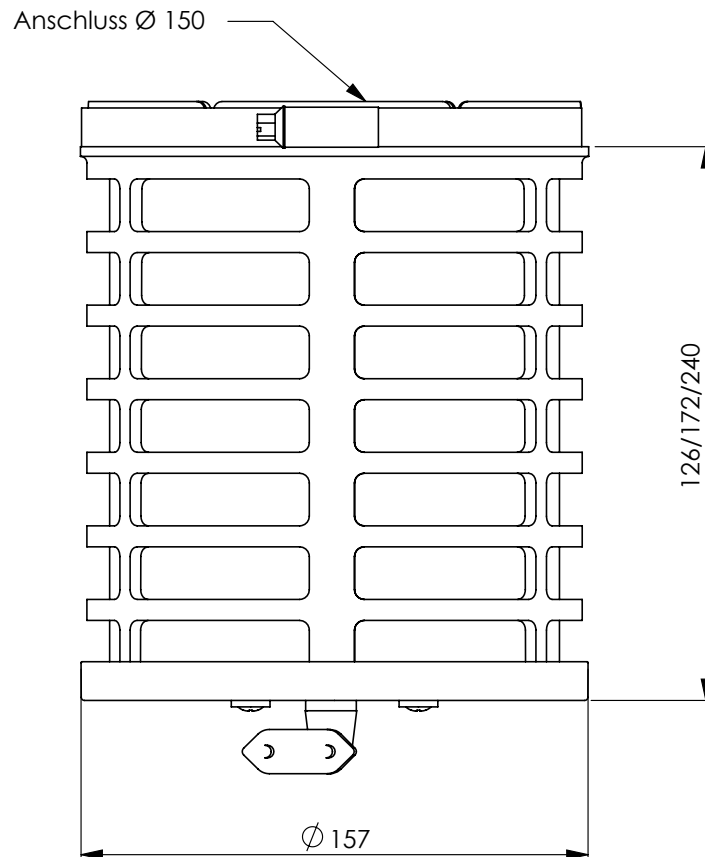
Included in delivery:

7020_210 (Hose clamp Ø 210),

7001 (Euromulti plug 2+1 = 1 Schuko plug, 2 Euro plugs)

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 350
MA150 mm

RONDO 550
MA150 mm

RONDO 650
MA150 mm

Item no.	8113	8115	8116
Dimensions	Ø 157 x 126 mm	Ø 157 x 172 mm	Ø 157 x 240 mm
Air flow rate	350 m³/ h	550 m³/ h	650 m³/ h
Connection voltage	210 - 250 Volt	210 - 250 Volt	210 - 250 Volt
Motor connection	Ø 150 mm	Ø 150 mm	Ø 150 mm
Weight	0,6 kg	0,8 kg	1,0 kg
packaging dimensions	180 x 180 x 380 mm	180 x 180 x 380 mm	180 x 180 x 380 mm
packaging unit	1 Piece	1 Piece	1 Piece
Plug / cable	Euro/ 150 cm	Euro/ 150 cm	Euro/ 150 cm

aira®
RONDO | Product Info



Included in delivery:

Item no. 7550 (Adapter | Reducer, MA150/150, eccentric)

7020_210 (Hose clamp Ø 210),

7001 (Euromulti plug 2+1 = 1 Schuko plug, 2 Euro plugs)

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

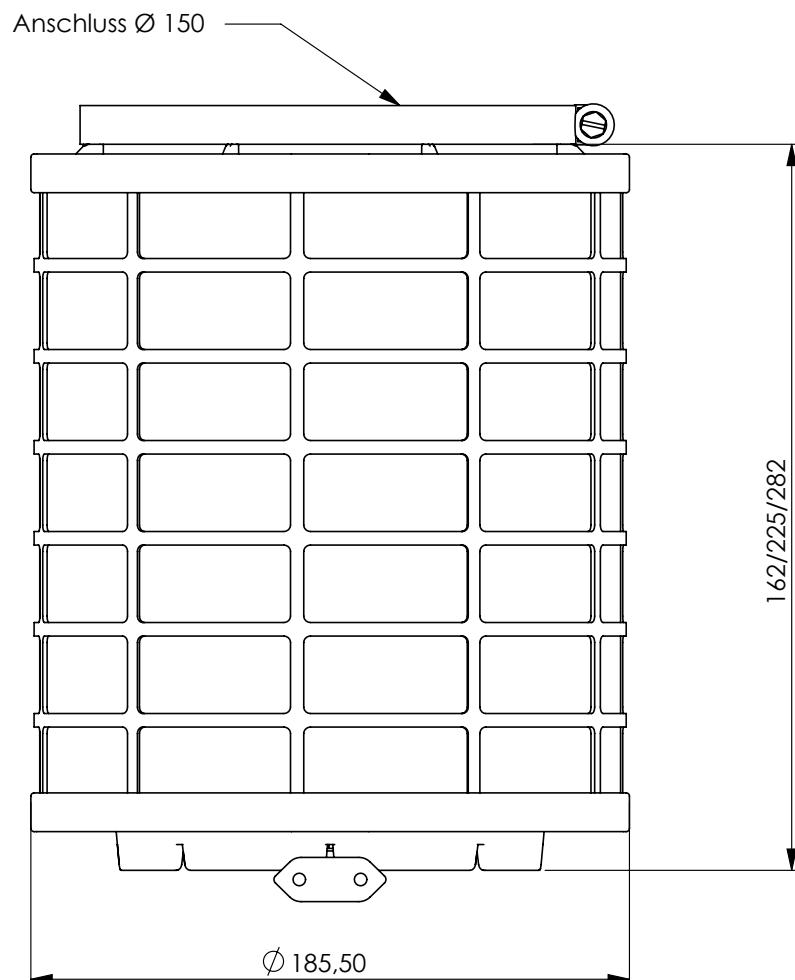
pressure difference: at 2 m/s flow, 100 Pa

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 400
MA 150 mm

RONDO 600
MA 150 mm

RONDO 800
MA 150 mm

Item no.	8418	8618	8818
Dimensions	Ø 185,5 x 162 mm	Ø 185,5 x 225 mm	Ø 185,5 x 282 mm
Air flow rate	400 m³/ h	600 m³/ h	800 m³/ h
Connection voltage	210 - 250 Volt	210 - 250 Volt	210 - 250 Volt
Motor connection	Ø 150 mm	Ø 150 mm	Ø 150 mm
Weight	1.12 kg	1.56 kg	1.76 kg
packaging dimensions	210 x 210 x 405 mm	210 x 210 x 405 mm	210 x 210 x 405 mm
packaging unit	1 Piece	1 Piece	1 Piece
Plug / cable	Euro/ 150 cm	Euro/ 150 cm	Euro/ 150 cm

aira®
RONDO | Product Info



Included in delivery:

Item no. 7550 (Adapter | Reducer, MA150/150, eccentric)

7020_210 (Hose clamp Ø 210),

7001 (Euromulti plug 2+1 = 1 Schuko plug, 2 Euro plugs)

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

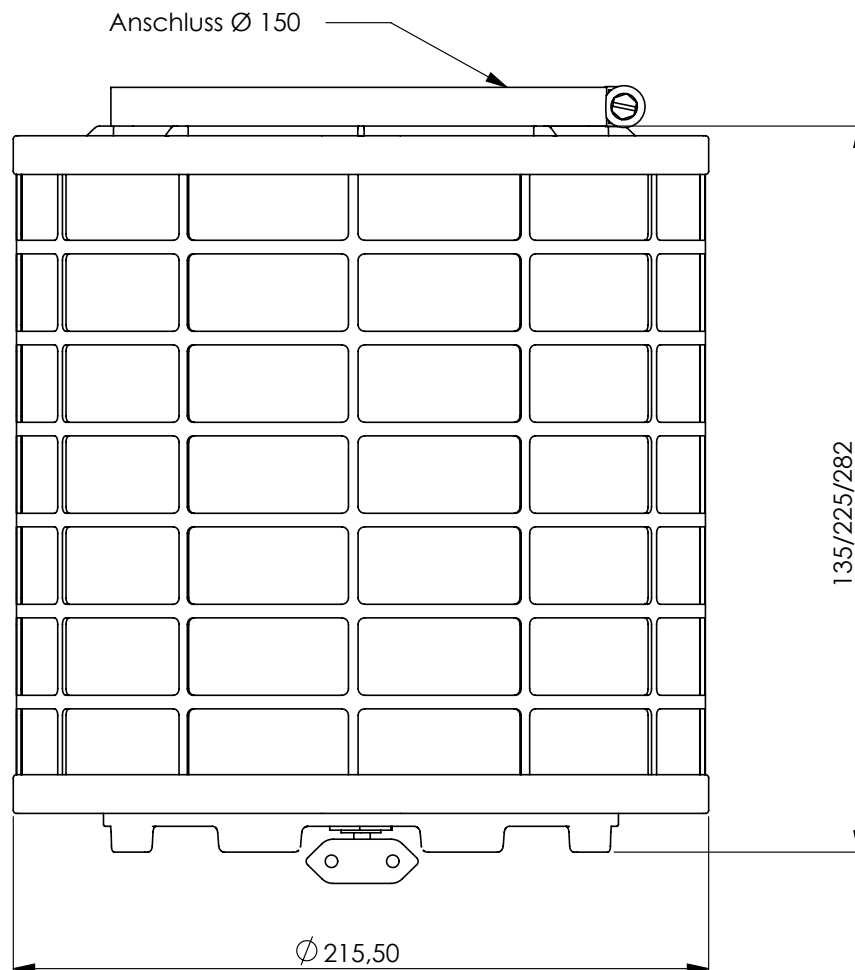
pressure difference: at 2 m/s flow, 100 Pa

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 500
MA 150 mm

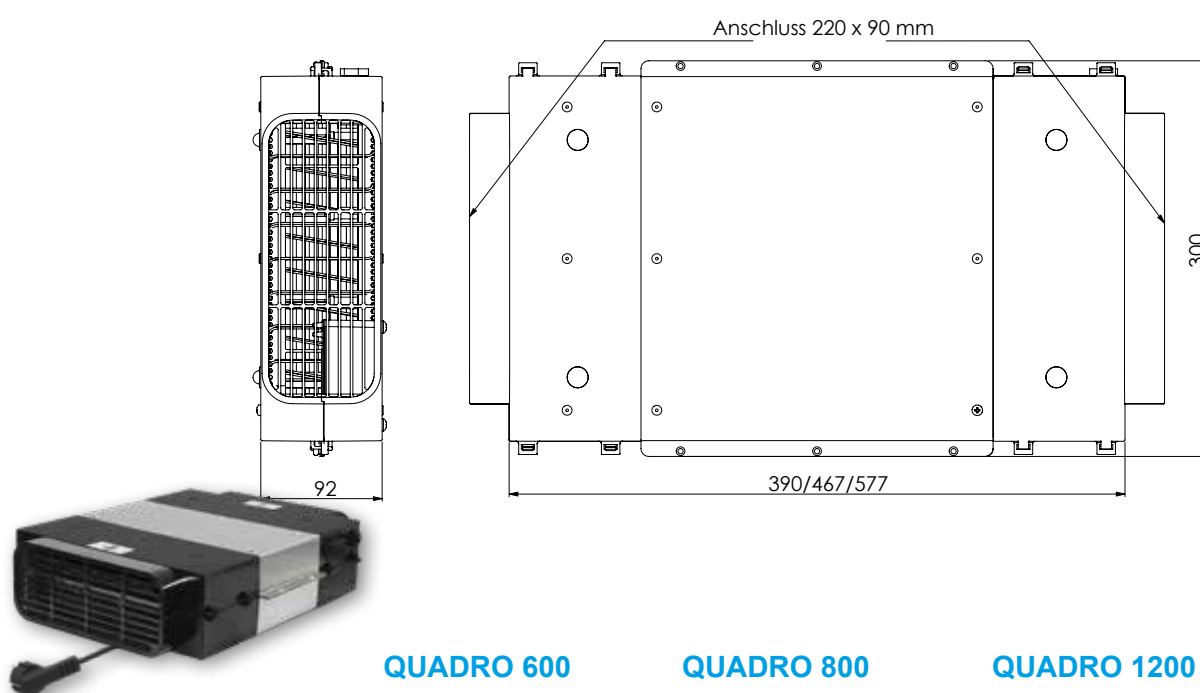
RONDO 800
MA 150 mm

RONDO 1000
MA 150 mm

Item no.	8521	8821	8121
Dimensions	Ø 215,5 x 135 mm	Ø 215,5 x 225 mm	Ø 215,5 x 282 mm
Air flow rate	500 m³/ h	800 m³/ h	1.000 m³/ h
Connection voltage	210 - 250 Volt	210 - 250 Volt	210 - 250 Volt
Motor connection	Ø 150 mm	Ø 150 mm	Ø 150 mm
Weight	1.22 kg	1.66 kg	2 kg
packaging dimensions	240 x 240 x 415 mm	240 x 240 x 415 mm	240 x 240 x 415 mm
packaging unit	1 Piece	1 Piece	1 Piece
Plug / cable	Euro/ 150 cm	Euro/ 150 cm	Euro/ 150 cm

aira[®]

QUADRO | Product Info



QUADRO 600
MA 220 x 90 mm

QUADRO 800
MA 220 x 90 mm

QUADRO 1200
MA 220 x 90 mm

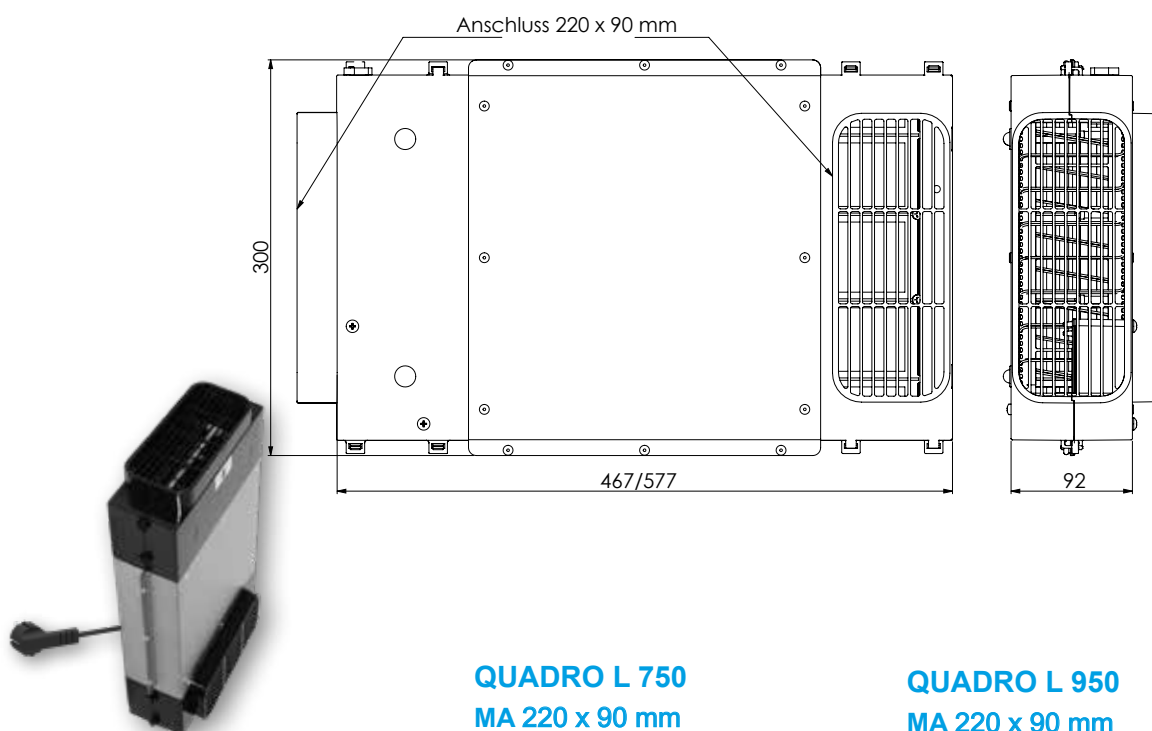
Item no.	8760	8780	8712
Dimensions	390 x 300 x 92 mm	467 x 300 x 92 mm	577 x 300 x 92 mm
Air flow rate	600 m ³ / h	800 m ³ / h	1.200 m ³ / h
Connection voltage	210 - 250 Volt	210 - 250 Volt	210 - 250 Volt
Motor connection	220 x 90 mm	220 x 90 mm	220 x 90 mm
Weight	5,0 kg	6.0 kg	6.5 kg
packaging dimensions	660 x 310 x 110 mm	660 x 310 x 110 mm	660 x 310 x 110 mm
packaging unit	1 Piece	1 Piece	1 Piece
Plug / cable	Schuko/ 150 cm	Schuko/ 150 cm	Schuko/ 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!



aira[®]

QUADRO L | Product Info



QUADRO L 750 MA 220 x 90 mm

QUADRO L 950 MA 220 x 90 mm

Item no.	8775	8795
Dimensions	467 x 300 x 92 mm	577 x 300 x 92 mm
Air flow rate	750 m ³ / h	950 m ³ / 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
packaging dimensions	610 x 310 x 140 mm	610 x 310 x 140 mm
packaging unit	1 Piece	1 Piece
Plug / cable	Schuko/ 150 cm	Schuko/ 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

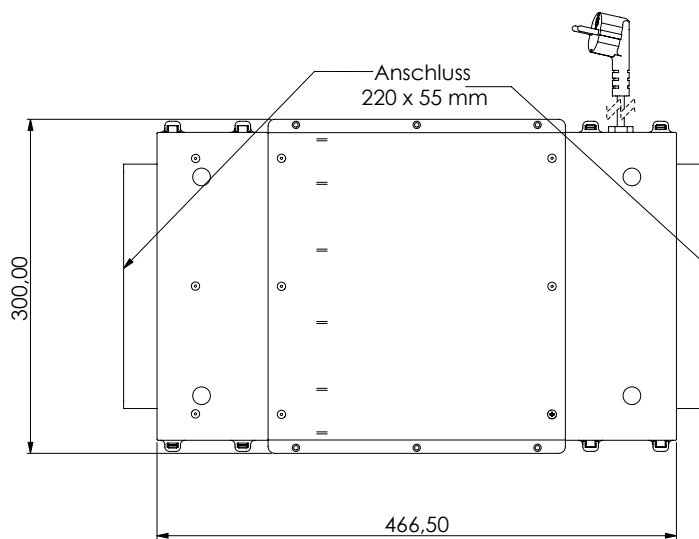
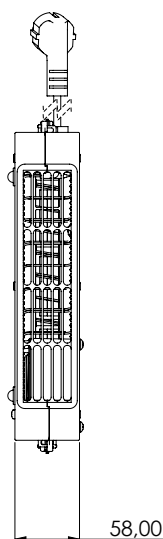
Power consumption: max. 10 Watt, max. 3.65 KW p.a. | Standby consumption: max. 0.5 Watt

Subject to technical changes!



aira[®]

QUADRO slimline | Product Info



QUADRO 800 slimline MA 220 x 55 mm



Item no.	8782
Dimensions	467 x 300 x 58 mm
Air flow rate	800 m ³ / h
Connection voltage	210 - 250 Volt
Motor connection	220 x 58 mm
Weight	4.0 kg
packaging dimensions	660 x 310 x 110 mm
packaging unit	1 Piece
Plug / cable	Schuko/150 cm

Included in delivery:

Item no. 7542 (Adapter | 220 x 90 / 220 x 55, eccentric)

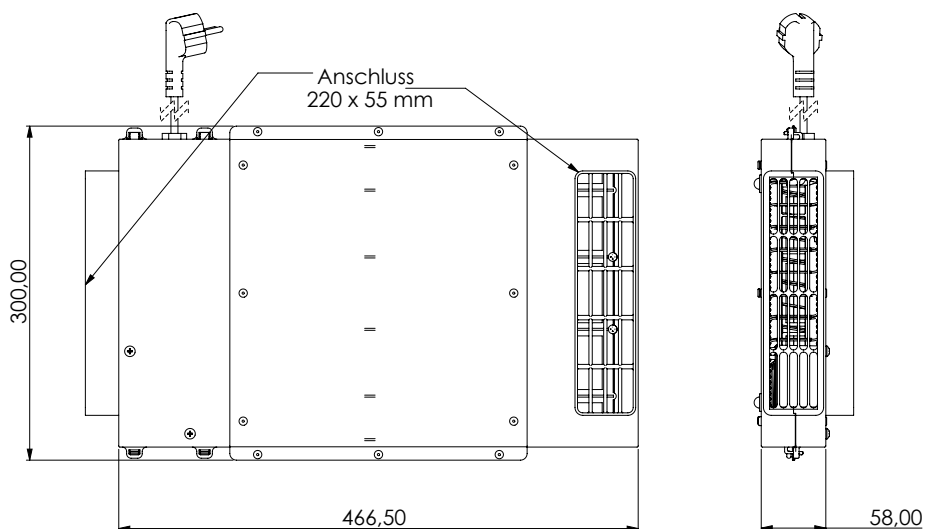
7543 (Wide trunking connector 220 x 55)

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!





QUADROL slimline | Product Info



QUADROL L 800 slimline MA 220 x 55 mm



Item no.	8781
Dimensions	467 x 300 x 58 mm
Air flow rate	800 m ³ / h
Connection voltage	210 - 250 Volt
Motor connection	220 x 58 mm
Weight	4.0 kg
packaging dimensions	660 x 310 x 110 mm
packaging unit	1 Piece
Plug / cable	Schuko/ 150 cm

Included in delivery:

Item no. 7542 (Adapter | 220 x 90 / 220 x 55, eccentric)

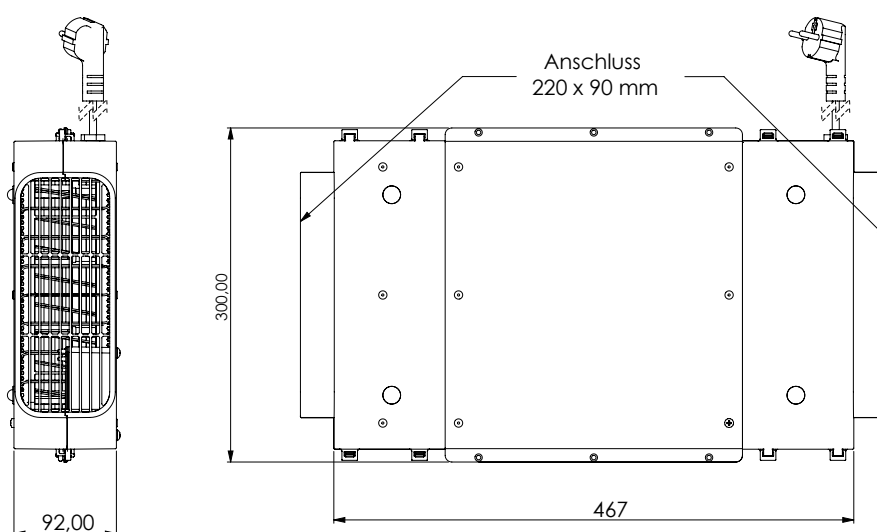
7543 (Wide trunking connector 220 x 55)

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!



aira®

QUADRO silent | Product Info



QUADRO 800 silent MA 220 x 90 mm



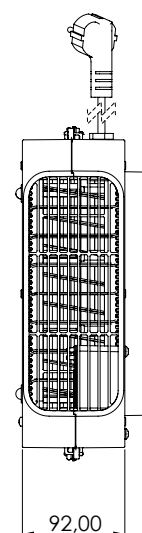
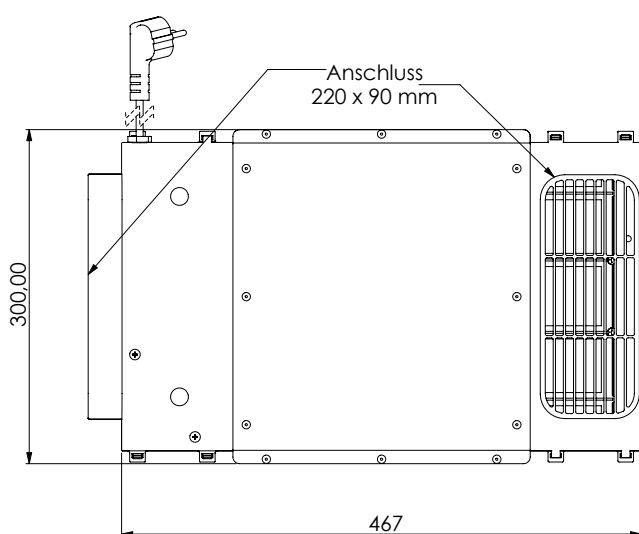
Item no.	8783
Dimensions	467 x 300 x 92 mm
Air flow rate	800 m³/ h
Connection voltage	210 - 250 Volt
Motor connection	220 x 90 mm
Weight	5.0 kg
packaging dimensions	610 x 310 x 110 mm
packaging unit	1 Piece
Plug / cable	Schuko/ 150 cm
sound cushioning	3 dB (A) - (MW)

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!



aira[®]

QUADRO L silent | Product Info



QUADRO L 750 silent MA 220 x 90 mm



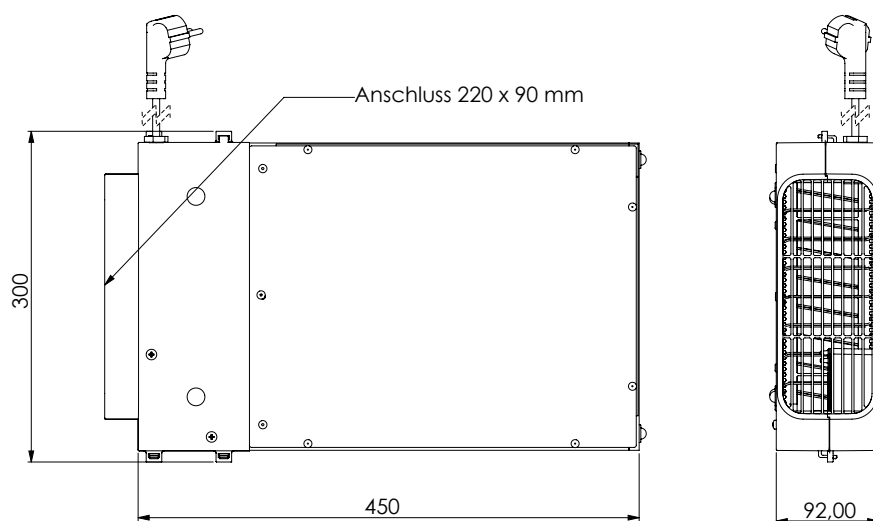
Item no.	8776
Dimensions	467 x 300 x 92 mm
Air flow rate	750 m ³ / h
Connection voltage	210 - 250 Volt
Motor connection	220 x 90 mm
Weight	5.7 kg
packaging dimensions	610 x 310 x 140 mm
packaging unit	1 Piece
Plug / cable	Schuko/ 150 cm
sound cushioning	3 dB (A) - (MW)

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!



aira®

QUADRO soft | Product Info



QUADRO 800 soft MA 220 x 90 mm

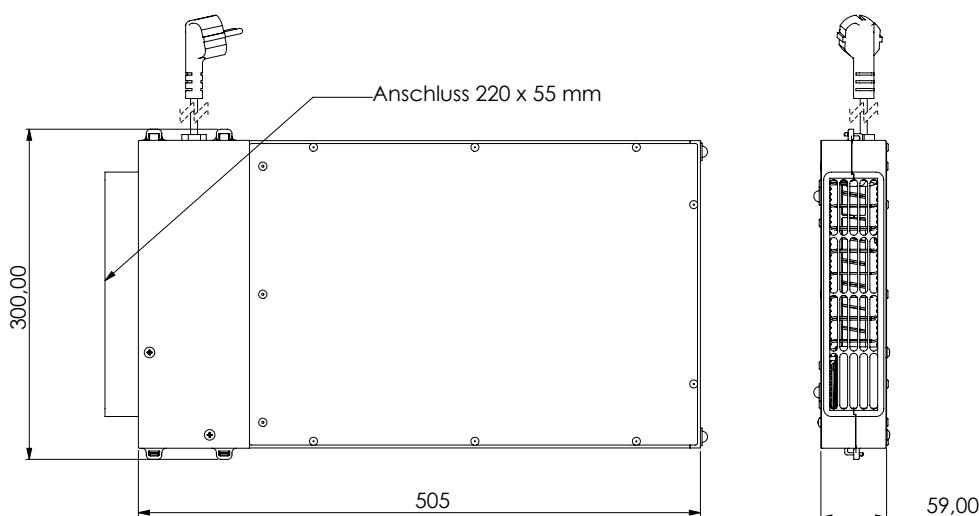
Item no.	8784
Dimensions	450 x 300 x 92 mm
Air flow rate	800 m³/ h
Connection voltage	210 - 250 Volt
Motor connection	220 x 90 mm
Weight	6.5 kg
packaging dimensions	660 x 310 x 110 mm
packaging unit	1 Piece
Plug / cable	Schuko/150 cm

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!





QUADRO soft slimline | Product Info



QUADRO 800 soft slimline MA 220 x 90 mm



Item no.	8785
Dimensions	505 x 300 x 59 mm
Air flow rate	800 m ³ /h
Connection voltage	210 - 250 Volt
Motor connection	220 x 55 mm
Weight	4.0 kg
packaging dimensions	660 x 310 x 110 mm
packaging unit	1 Piece
Plug / cable	Schuko/150 cm

Included in delivery:

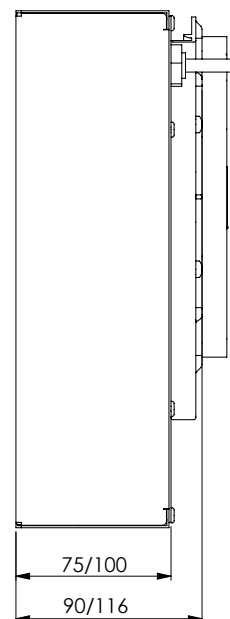
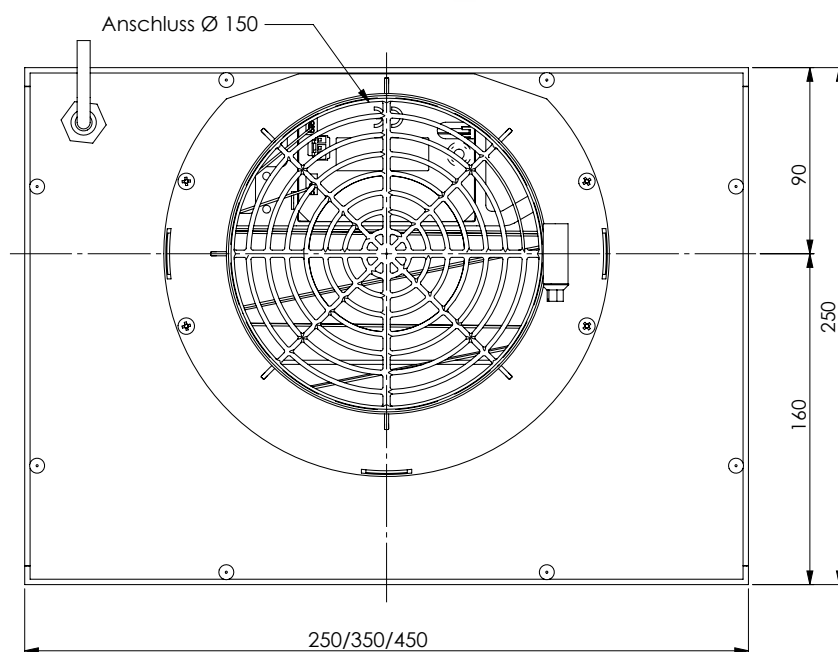
Item no. 7542 (Adapter | 220 x 90 / 220 x 55, eccentric)

7543 (Wide trunking connector 220 x 55)

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!



aira[®] PLANO | Product Info



Included in delivery:

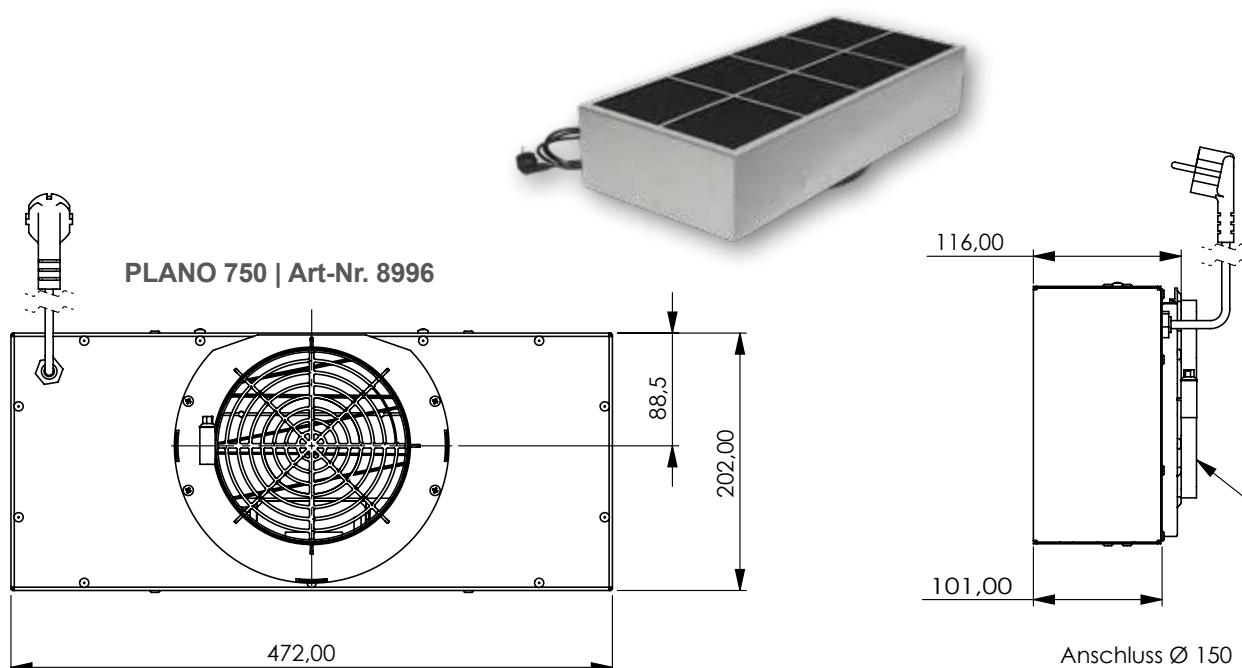
PLANO 8950, 8960, 8980, 8996:

Item no. 7550 (Adapter | Reducer) A150/150, eccentric)

7020_210 (Hose clamp Ø 210)

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!




PLANO 500
MA Ø 150 mm

PLANO 600
MA Ø 150 mm

PLANO 750
MA Ø 150 mm

PLANO 800
MA Ø 150 mm

Item no.	8950 8950_white 8950_black	8960 8960_white 8960_black	8996 8996_white 8996_black	8980 8980_white 8980_black
Dimensions	250x250x90 mm	350x250x90 mm	472x202x116 mm	450x250x116 mm
Air flow rate	500 m³/ h	600 m³/ h	750 m³/ h	800 m³/ h
Connection voltage	210 - 250 Volt	210 - 250 Volt	210 - 250 Volt	210 - 250 Volt
Motor connection	Ø 150 mm	Ø 150 mm	Ø 150 mm	Ø 150 mm
Weight	2.5 kg	3.1 kg	3.7 kg	3.8 kg
packaging dimensions	380x280x210 mm	380x280x210 mm	610x310x140 mm	610x310x140 mm
packaging unit	1 Piece	1 Piece	1 Piece	1 Piece
Plug / cable	Schuko/ 150 cm	Schuko/ 150 cm	Schuko/ 150 cm	Schuko/ 150 cm

aira® RONDO | Assembly instructions

PACKAGE CONTENTS

A | **aira® RONDO** filter module

B | Triple plug

C | Eccentric adapter

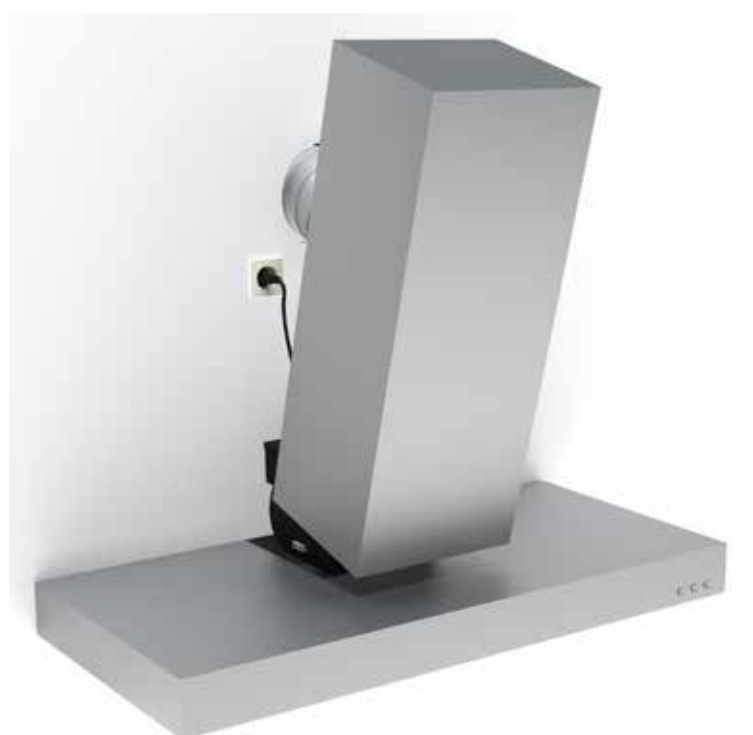
D | Hose clamp



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.

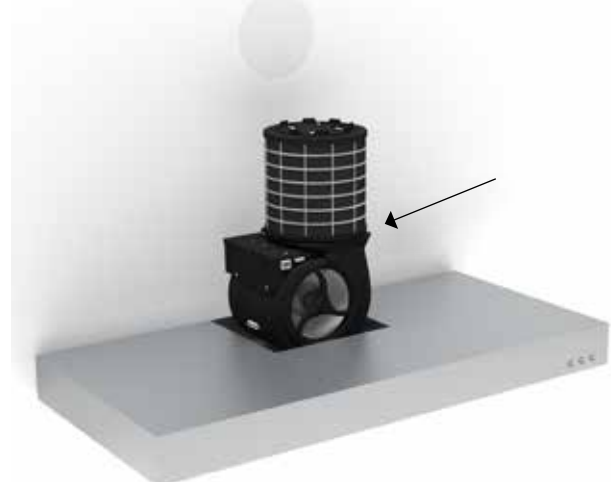
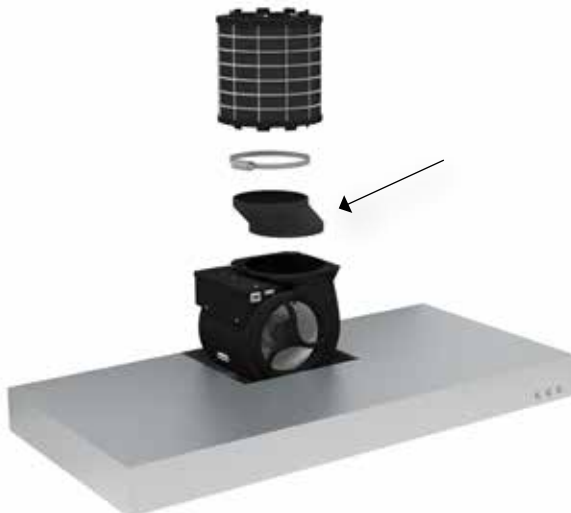




2. Remove the exhaust air hose or carbon filter and, if present, close the exhaust air hole.



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..

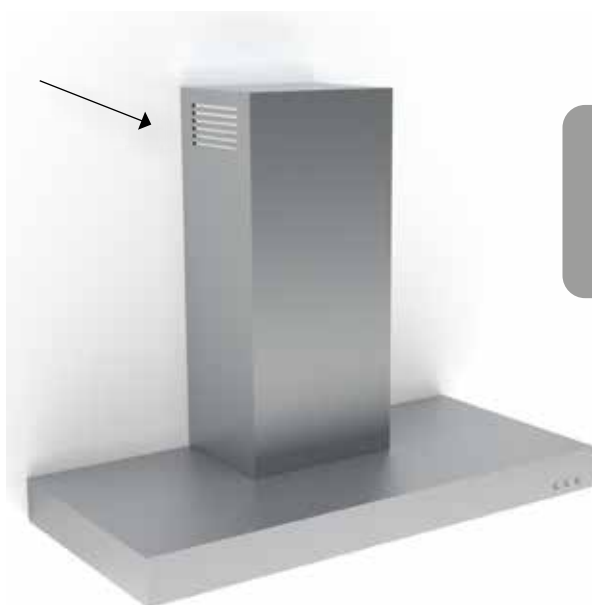
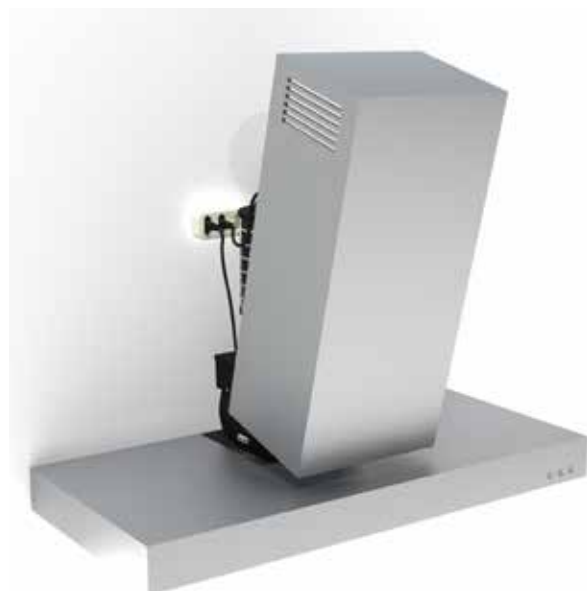


aira[®] RONDO | Assembly instructions

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



5. Place the chimney shaft back on the hood.

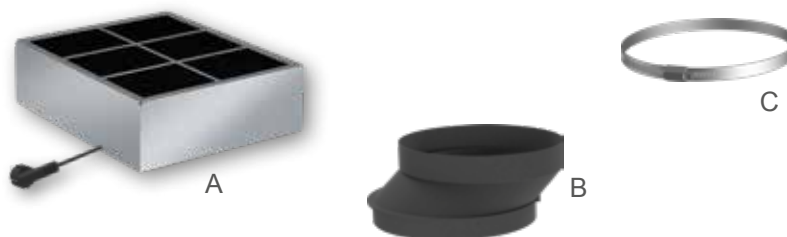


! There must be sufficient ventilation slits in the chimney shaft from which the air can escape.

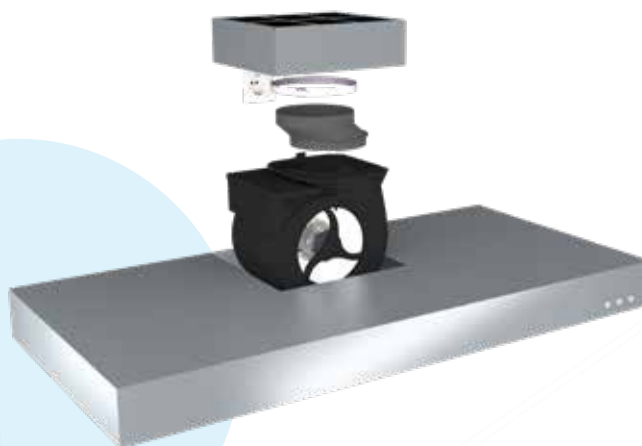
aira[®] PLANO | Assembly instructions

PACKAGE CONTENTS

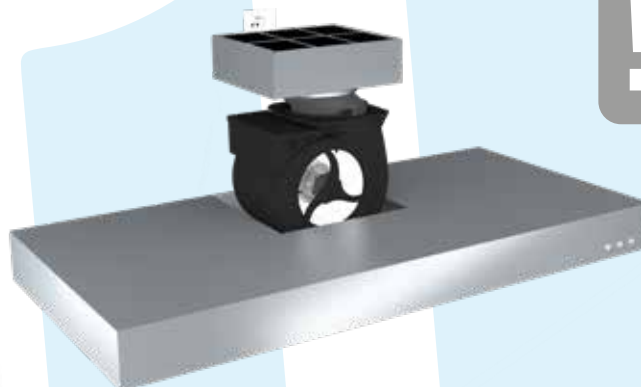
- A | **aira[®] PLANO** filter module C
- B | Eccentric adapter
- C | Hose clamp



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



2. Connect the hood and filter plugs to the socket.



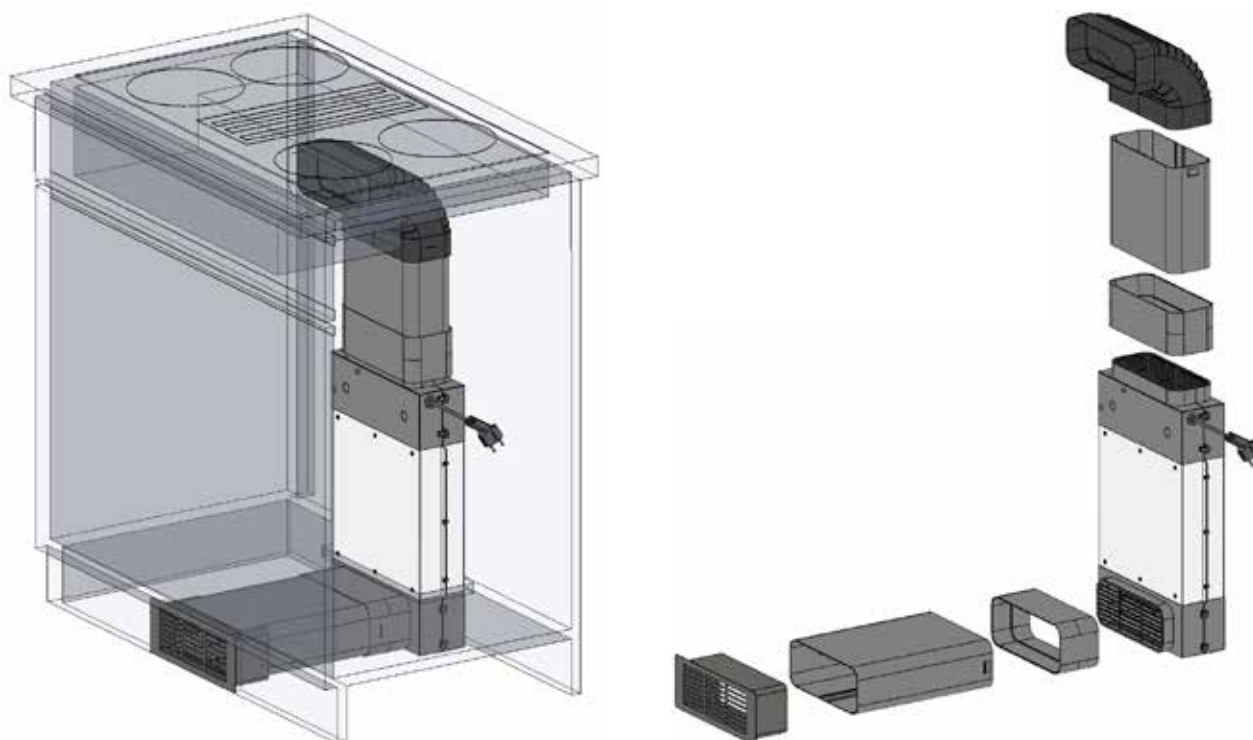
! Set the adapter (C) if the motor exhaust air connection is too close to the wall.

aira® **QUADRO** | Assembly instructions

1. The **aira® QUADRO** filter – with the Quadro variations L, soft, silent – can be installed in almost any position (horizontal, vertical, upright, etc.). The only crucial factor is the correct positioning of the motor side and the resulting outlet.
2. Depending on the components used, the connections may need to be sealed.

One of several possible configurations (depending on initial conditions):

– Example based on a **QUADRO L 750** –



The **QUADRO** product range is compatible with all standard 220 x 90/89 mm flat duct systems. The plasma filter's inlets and outlets are designed to fit the duct dimensions. For connection, as with a standard flat duct, a corresponding component with a moulded sleeve is required. Depending on the components used, the connections may need to be sealed. Connection elements used in this installation example:

2x flat duct 220 x 90

2x flat duct connector

1x flat duct pipe bend vertical 90°

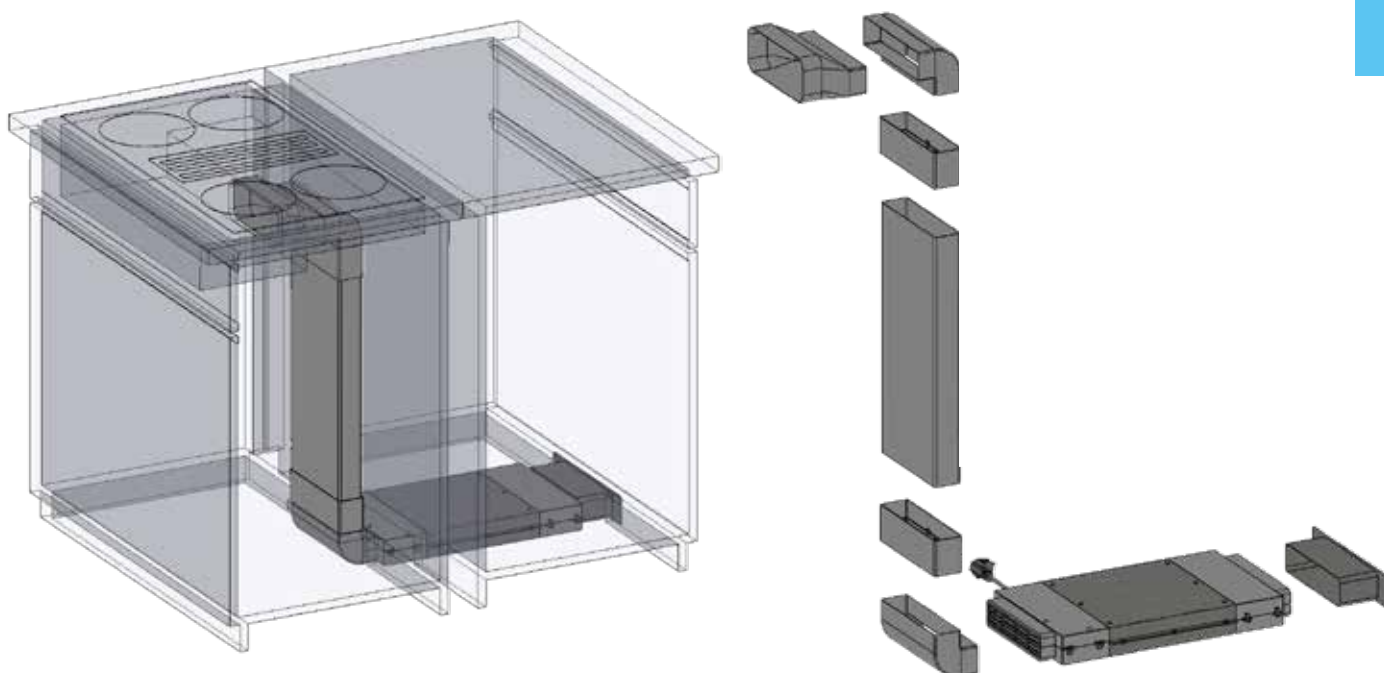


aira[®] QUADRO slimline | Assembly instructions

1. The **aira**[®] **QUADRO slimline** filter – with the Quadro slimline variations L, soft – can be mounted in almost any position (horizontal, vertical, upright, etc.). The only crucial factor is the correct positioning of the motor side and the resulting output.
2. Depending on the components used, the connections may need to be sealed.

One of several possible configurations (depending on the initial conditions):

– Example based on a **QUADRO 800 slimline** –



The **QUADRO slim** product range is compatible with all standard 220 x 55 mm flat duct systems.

The plasma filter's inlets and outlets are designed to fit the duct dimensions. As with a standard flat duct, a corresponding component with a moulded sleeve is required for connection.

Depending on the components used, the connections must be sealed. Connection elements used in this installation example: 1x adapter 220 x 90 to 220 x 55 (Depending on the components used, the connections may need to be sealed. Connection elements used in this installation example:

1x adapter 220 x 90 to 220 x 55 (1x included in delivery for all Quadro slim products)

1x flat duct 220 x 55 2x flat duct connectors (1x included in delivery for all Quadro slim products)

2x flat duct pipe bends, vertical 90°

Notes on 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 functions as an air purifier even at low speed, cleaning the air not only of kitchen fumes and odors, but also of 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.

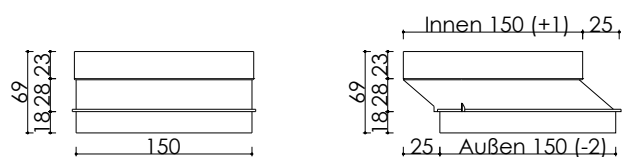
NOTE: If the aira® filter is not installed in accordance with these instructions, the warranty claim for the aira® filter will be void with immediate effect! All aira® filter modules listed in these instructions are plug-in products.

Please follow the installation instructions.

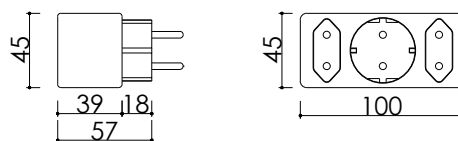
aira[®] RONDO | Accessories

Adapter (MA150/150. essentric) | included with RONDO models 8521, 8821, 8121

Item no. 7550



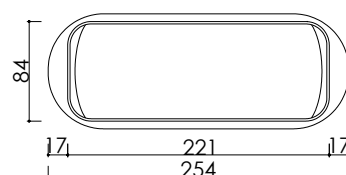
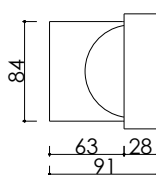
Euromulti plug 2+1 (1 Schuko plug, 2 Euro plug) | included with RONDO models | **Item no. 7001**



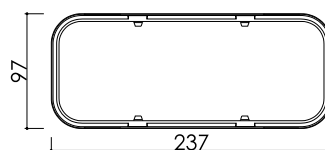
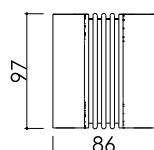
Hose clamp Ø 210 | included with RONDO models | **Item no. 7020_210**



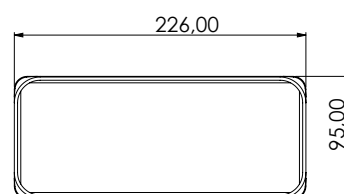
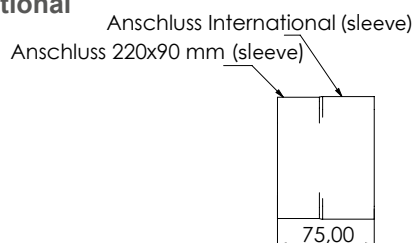
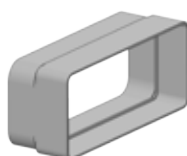
Bora-Adapter in Connection with QUADRO connector | Item no. 7577



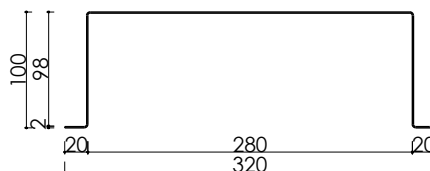
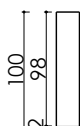
QUADRO universal connector | Item no. 7557_Flex



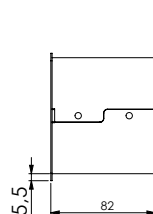
**QUADRO Adapter International
Item no. 7569**



QUADRO bracket | Item no. 7017

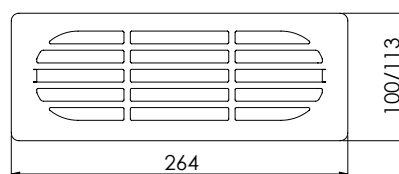


**QUADRP cover (ventilation grille 100 mm)
Item no. 7026 | 7026_black | 7026_white**



**QUADRO (ventilation grille 113 mm)
Item no. 7025 | 7025_black | 7025_white**

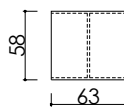
Einschub für MA Flachkanal 220x90 mm



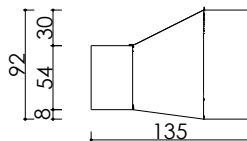
aira[®]

QUADRO slimline | Accessories

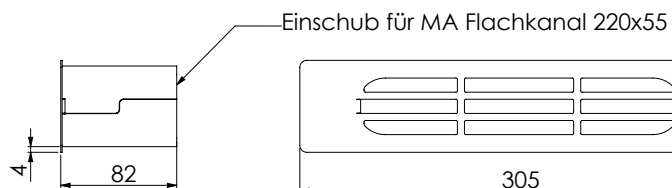
QUADRO slim wide trunking connector | included with all QUADRO slim models | [Item no. 7543](#)



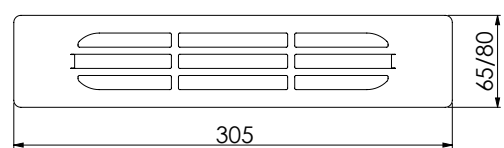
QUADRO slim adapter (F-Top 150) | included with all QUADRO slim models
[Item no. 7542](#)



QUADRO slim cover (ventilation grille 80 mm)
[Item no. 7567](#) | [7567_black](#) | [7567_white](#)



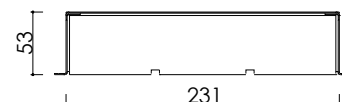
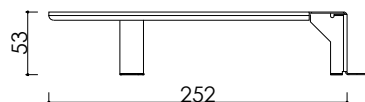
QUADRO slim (ventilation grille 65 mm)
[Item no. 7568](#) | [7568_black](#) | [7568_white](#)



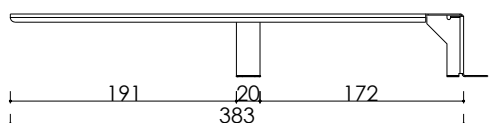
aira[®]

PLANO | Accessories

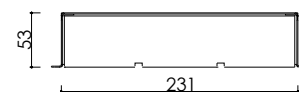
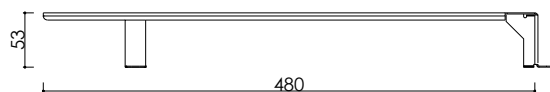
PLANO cover 500 (air duct) Item no. 7018



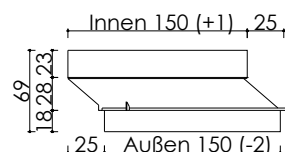
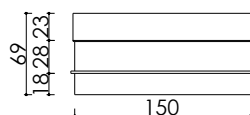
PLANO cover 600 (air duct) Item no. 7016



PLANO cover 800 (air duct) Item no. 7015



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



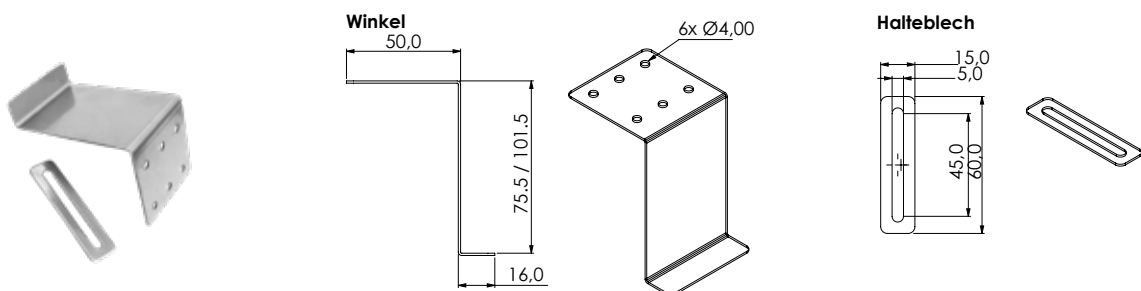


Hose clamp Ø 210 | included with PLANO models | [Item no. 7020_210](#)
[Item no. 7020_210](#)



PLANO 500 + 600 mounting bracket | Set consisting of 2 brackets (length 75.5 mm) and 2 retaining plates) | [Item no. 7082](#)

PLANO 750 + 800 mounting bracket | Set consisting of 2 brackets (length 101.5 mm) and 2 retaining plates | [Item no. 7084](#)



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 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.

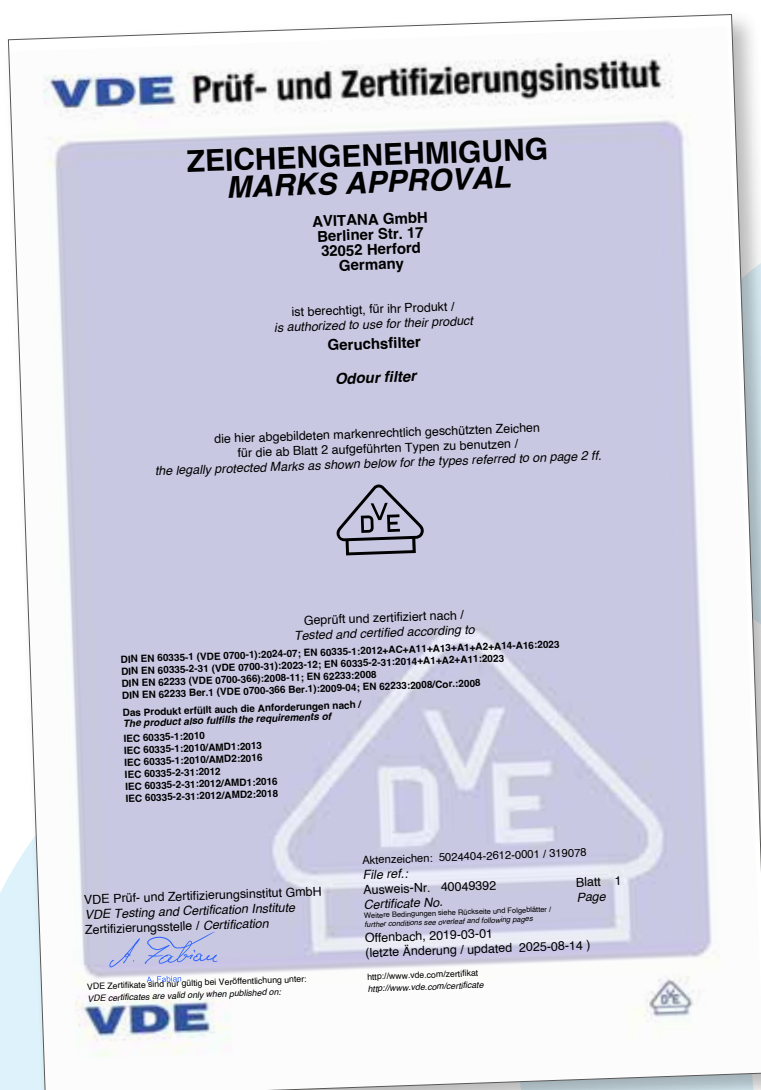
Product integration into kitchen planning programs not only makes consultation more efficient, but also simplifies and accelerates the entire planning process and limits potential sources of error. The sales department also has easier access to the decisionmakers and, conversely, Avitana benefits in 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.

CARAT **KPS.MAX**

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 Avitana 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 Aktivkohlefilter	4 ppb
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.

Leibniz-Institut für Plasmaforschung und Technologie e.V.
327 • P.O. Box 10000 • D-31061 Greifswald

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 entgegengebracht haben.

Wir haben die von Ihnen zur Verfügung gestellten Aktivkohlefilter hinsichtlich des Abbaus von Ozon untersucht. Dazu wurden Proben der Filter mit ozonisierter Luft aus einer In-house Plasmaquelle bei gleichen Gasgeschwindigkeiten, wie sie in Ihren Produkten auftreten, beaufschlagt. Die Aktivkohlefilter bauen das Ozon wirksam ab, erst bei einer Eingangskonzentration von 100 ppm wurde unmittelbar ein Durchbrechen des Ozons beobachtet. Ob bzw. wann es zum Durchbruch kommt, hängt von der Menge an Ozon und der Versuchsdauer ab. Bei 100 ppm Eingangskonzentration wurde nach ca. 9 Stunden Versuchsdauer eine Konzentration von ca. 20 ppm gemessen. Bei einer Eingangskonzentration von 60 ppm treten nicht mehr als 1 ppm auch nach mehreren Stunden aus, bei 40 ppm liegt der Wert hinter der Aktivkohle für mehr als eine Stunde unter dem Geruchsschwellenwert von 50 ppb.

Ihre Plasmamodule produzieren deutlich weniger als 40 ppm Ozon, so das davon ausgegangen werden kann, dass hinter den Aktivkohlefilter kein Ozon mehr nachweisbar sein wird, was sich auch mit früheren Resultaten aus Untersuchungen in unserem Hause deckt und die Aktivkohlefilter somit auch über einen langen Zeitraum wirksam sein sollten. Die Plasmaleistung Ihrer Module könnte gesteigert werden, ohne dass ein sofortiges Durchbrechen zu befürchten wäre.

Mit freundlichen Grüßen

R. Brandenburg

Prof. Dr. Ronny Brandenburg
Forschungsschwerpunktleiter „Plasmachemische Prozesse“

Vorstandsvorsitzender
Prof. Klaus-Oliver Weismann (Vorsteher)
Jens Berger (Mitglied)

Telefon + 49 3834 534 300
Fax + 49 3834 534 301
E-Mail info@inp-greifswald.de
Web www.leibniz-inp.de

Bank Sparkasse Vorpommern
BLZ DE44 1525 0233 0003 73
BIC CODE NOLADE21HAN
IBAN DE 25 1525 0233 0003 73
KST Nr. 05/1798419
Vereinsregister Greifswald VR 432

Leibniz-Institut für Plasmaforschung und Technologie e.V.
327 • P.O. Box 10000 • D-31061 Greifswald

AVITANA GmbH
Berliner Straße 17
32052 Herford

Greifswald, den 26.04.2021

Betrifft: Arbeitsprinzip und Aktivität der Plasmageräte „RONDQ“

Sehr geehrte Damen und Herren,

In Ihrem Auftrag haben wir vier unterschiedliche Exemplare des Plasmageräts „Rondo“ untersucht. Wir haben das Arbeitsprinzip der Quelle mittels elektrischer Messmethoden untersucht und damit unter Variation der Eingangsspannung den Strom und die Plasmaleistung bestimmt. Mittels Gasanalytik haben wir die Ozonproduktion des Plasmas untersucht. Außerdem haben wir die Plasmaausbildung fotografisch erfasst und den Einfluss von Feuchtigkeit in der behandelten Luft betrachtet.

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

Mittels der integrierten Aktivkohle wird das Ozon abgebaut. Wir haben außerhalb des vollständigen Gerätes kein Ozon oder andere Nebenprodukte der Plasmabehandlung feststellen können.

Für das entgegengebrachte Vertrauen und den Forschungsauftrag bedanken wir uns herzlich.

Mit freundlichen Grüßen

R. Brandenburg

Prof. Dr. Ronny Brandenburg
Forschungsschwerpunktleiter
„Plasmachemische Prozesse“

Jürgen Kolb

Prof. Dr. Jürgen Kolb
Forschungsschwerpunktleiter
„Plasmakontamination“

Vorstandsvorsitzender
Prof. Klaus-Oliver Weismann (Vorsteher)
Jens Berger (Mitglied)

Telefon + 49 3834 534 300
Fax + 49 3834 534 301
E-Mail info@inp-greifswald.de
Web www.leibniz-inp.de

Bank Sparkasse Vorpommern
BLZ DE44 1525 0233 0003 73
BIC CODE NOLADE21HAN
IBAN DE 25 1525 0233 0003 73
KST Nr. 05/1798419
Vereinsregister Greifswald VR 432



Kurzbericht: Bestimmung des Geruchsminderungsgrad vom aira rondo Filter

Endkunde: Avitana GmbH

Berichtsnummer: 1296-2020-00K

Produkt: Plasmafilter aira rondo (Bj. 2020)

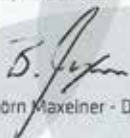
Durchführungszeitraum: Februar 2020

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, 12.06. 2020


(Björn Maxelner - Director, Olfasense GmbH)

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



Olfasense GmbH www.olfasense.com

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REINE LUFT
ohne Viren, Pollen,
Gerüche, Bakterien

aira®
Plasma-Filter

RONDO
für Wandhauben

QUADRO
für Muldenlüfter

PLANO
für Schräghauben

- kein Ozonausstoß
- 98% bereinigte Luft
- geprüft und zertifiziert
- 5 Jahre Garantie
- Made in Germany
- wartungsfrei
- einfache Montage
- Leistung bis 1.200m³

AVITANA®
PLASMA-TECHNOLOGIE
www.avitana.de

aira® Roll-up
format: 85 x 200 cm
Item no. 8014_01

front side



back side



aira® display

Format: 191.5 cm
high/49.5 cm wide
Depth of display unit:
27.5 cm (ellipse)
Depth of shelf bases:
30.5 cm

Item no. 8021

aira® display set

Set contents:

1 x AVITANA display stand
3 x dummies (devices
without function) (RONDO,
PLANO, QUADRO)
200 x AVITANA consumer
flyers

Item no. 8020



aira® Plexiglass shaft | Item no. 8012
 exhibitions with dummy for presentation
 Width: 33.8 cm | Height: 50 cm | Depth: 26.3 cm



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

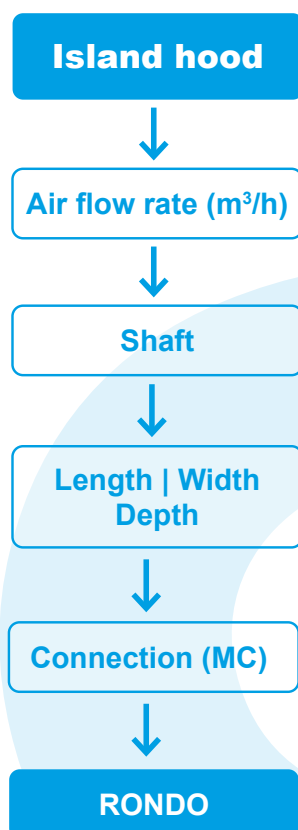
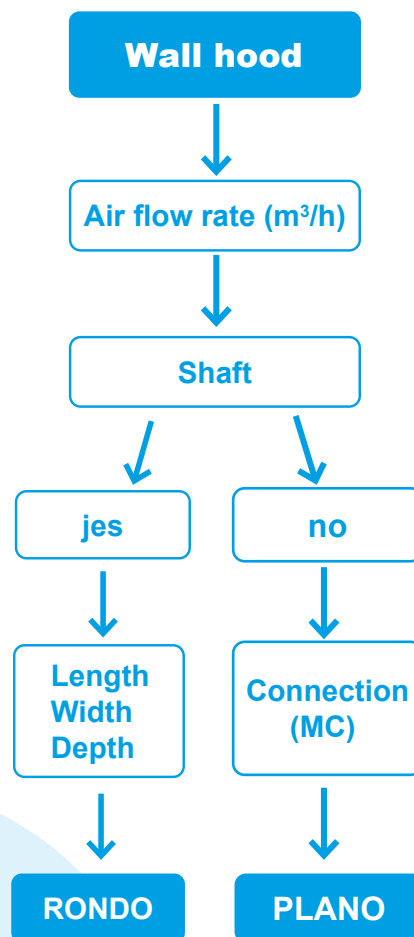
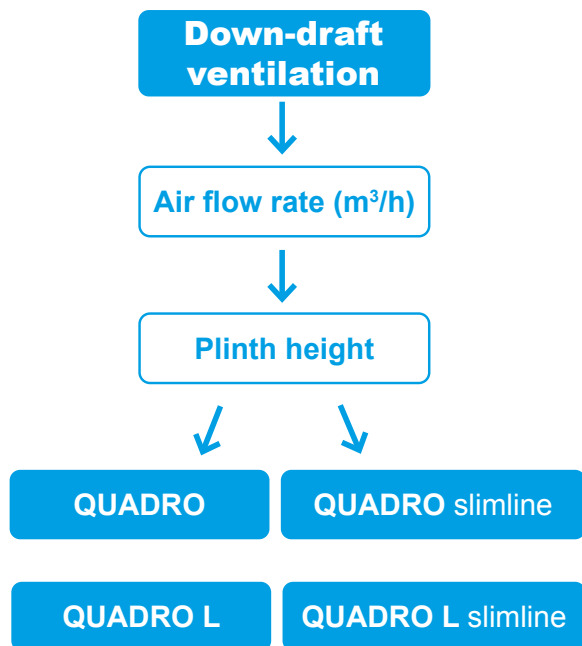


aira® Presentation case | Item no. 8010
 Contents: 3 dummies (1 RONDO, 1 QUADRO, 1 PLANO),
 1 grid panel, 1 sales folder)



Which aira®-Filter do I need?

AN ORIENTATION GUIDE



AVITANA CENTER

Phone +49 5221 763780-0 | Fax +49 5221 763780-9

PLANNING SUPPORT | TECHNICAL INQUIRIES

technik@avitana.de

TECHNOLOGY & DEVELOPMENT

Tim Strohmeier

Phone +49 5221 763 780-15

tim.strohmeier@avitana.de

CUSTOMER CONSULTING

info@avitana.de

ORDERS

auftrag@avitana.de

INTERNATIONAL CUSTOMER

Petra Striehn-Happ

Phone +49 5221 763 780-13

petra.striehn-happ@avitana.de

NATIONAL CUSTOMER

Ute Heinemann

Phone +49 5221 763 780-12

ute.heinemann@avitana.de

MANAGEMENT

DEVELOPMENT & SALES

Jürgen Heitmann CEO

Phone +49 5221 763 780-0

gf@avitana.de

ORGANIZATION & FINANCES

Carmen Ehlebracht

Phone +49 5221 763 780-0

carmen.ehlebracht@avitana.de

COMMERCIAL AGENCIES

GERMANY

PLZ 01, 02, 04-09, 98, 99

Ramona Partzsch

Sumpfmühlenweg 10

09633 Halsbrücke OT Hetzdorf

ramona.partzsch@t-online.de

Mobile 0157 51327557

PLZ 03, 10-19

Henry Mattner

Dorfstr. 21 | 16761 Heringsdorf

henry.mattner@gmail.com

Mobile 0171 600 25 08

PLZ 20-25, 27-31, 37-39

Gerhard Peetz

Wittinger Straße 40 | 29223 Celle

info@hv-peetz.de

Mobile 0173 4325251

PLZ 40-47, 50-52, 58-59

Frank Kreinberg

Heesfeld 18 | 58553 Halver

f.kreinberg@t-online.de

Mobile 0170 2960150



PLZ 26, 48-49

Erwin Nyhuis

Ginsterweg | 1949843 Uelsen

erwin-nyhuis@t-online.de

Mobile 0172 8086480

PLZ 34-36, 53-57, 60-69 + Luxemburg

Jürgen Groß

Westendstr. 8 | 35625 Hüttenberg

info@gross-handelsagentur.de

Mobile 0160 90430862

PLZ 70-79, 88-89

Matthias Schönherr

Heinrich-Heine-Str. 9b | 64560 Riedstadt

matthias.schoenherr@t-online.de

Mobile 0151 58846367

PLZ 80-87, 90-97

Hans-Peter Ludwig

Maisacher Str. 62a

82256 Fürstenfeldbruck

info@lhhandelsagentur.de

Mobile 0171 8010041

COMMERCIAL AGENCIES

WORLDWIDE

EXPORT | INDUSTRY

Mares Marketing S.r.l.

Via Malnasca 15 | I-2100 Varese

f.jamry@maresgroup.com

Phone +39 0332 810150

AUSTRIA

imv vertrieb PAMMINGER KG

A-4813 Altmünster

avitana@pammingerkg.com

Phone +43 6643425323

SWITZERLAND

CHUCHI ARENA GMBH

Christian Ruth | Karin Jüni

Blickensdorferstrasse 19 | CH - 6340 Baar

office@chuchi-arena.ch

Phone +41 79300 8605

NETHERLANDS | BELGIUM

Harry van den Boogaard

Veerweg 6 | 4493AS Kamperland

harry49er@gmail.com

Phone +31 653559118

FRANCE

3H Distribution SAS

Hans Hermann Hagelmann | Arnaud Bour

Rue de Fairmont | 67270 Durningen

direction@3h-distribution.fr

Tel: 0033 6 60 51 70 57

CZECHIA

Jan Abrham

Vinaricka 171 | 27309 Kladno Svermov

info@plasmafiltry.cz

Phone +420 602 667 701



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!





aira vita. 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)



atme!



AVITANA GMBH
Berliner Str. 17 | 32052 Herford | info@avitana.de | www.avitana.de