

Ventilation handbook

Version 01 | 2020

Innovation not imitation.

I have worked in the kitchen industry for over 20 years and have never been happy with suspended extractor hoods. At first, this was for aesthetic reasons. Later, it was also due to how noisy and hard to clean they are as well as the unpleasant cooking vapours. To meet my customers' wishes, I devised the idea of the cooktop extractor. By constantly tinkering and experimenting, we created an innovative system that extracts cooking vapours downwards – and more effectively than conventional extractor hoods.

BORA cooktop extractors and cooktops have now impressed many demanding customers – and not just due to their superior technology and attractive design. It is also the system concept itself, whereby the cooktops and extractor are optimally coordinated, that meets ambitious amateur chefs' desires for an appealing kitchen design.

We created this ventilation handbook to meet the high demands of both your and our customers. It is aimed at all designers and installers of high-end kitchen solutions who offer their customers uncompromising quality and exceptional aesthetics. The pages that follow answer all kinds of questions in relation to our products and their perfect installation. Should you have any further questions or suggestions, please contact us directly.

Willi Bruckbauer

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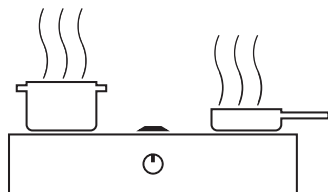
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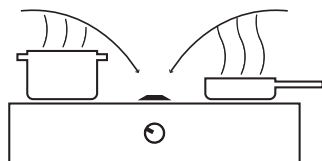
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The BORA principle:

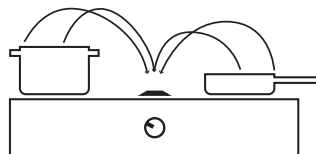
or, physics can be so ingenious.



1
Kitchen vapours rise at a maximum speed of one metre per second.



2
The BORA cooktop extractor extracts downward at approx. four metres per second.



3
The higher cross flow suction draws away cooking vapours and odours effectively and immediately at the cooktop.

The 7 advantages of BORA



Fresh air

Cooking while surrounded by fresh air

BORA draws off odours and grease particles directly from the cookware. This prevents cooking vapours from rising up. Grease particles are trapped in the stainless steel grease filter.



Quiet operation

Significantly quieter than conventional extractor hoods

Conventional extractor hoods blast out around 70 decibels (A) directly at head height. BORA, on the other hand, is quieter than a sizzling steak, even when set to the highest level.



Simple cleaning

Why make things difficult when there is an easy option?

Cleaning conventional extractor hoods is a time-consuming job. BORA makes your daily life easier: All movable parts can be easily dismantled without any tools and cleaned in the dishwasher.



Effectiveness

A focus on the bare essentials

Extractor hoods work extremely hard for a limited result. BORA boasts a 100% cleanrate at head height thanks to intelligently used flow speed and motor technology.



Best materials

High functionality and long service life

High-quality materials and high performance join forces to create a premium system. We set stylish design standards by using pure stainless steel and heavy-metal-free glass ceramic.



Design freedom

Setting the standard for modern kitchen design

BORA opens up a new range of kitchen design options: Cook by the window and under eaves or on kitchen islands with no annoying hoods... BORA stands for modern kitchen design.



Clear view

No annoying head-height extractor hoods

BORA means freedom from the constraints of the extractor hood. No edges or corners at head height. No stooped stance. No limited field of vision. No steam to block your view or cloud up your glasses.

BORA Awards

BORA scoops major awards: our ideas have won over national and international experts. An overview:



German Design Award 2020



iF Design Award 2019



Red Dot Product Design Award 2019



Plus X Award – Best Product 2019



Plus X Award – Best Brand 2019



Iconic Award



German Design Award 2018



Good Design Award – Chicago Athenaeum 2017–2018



Red Dot Product Design Award Best of the Best



Plus X Award – 2017



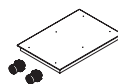
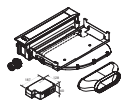
German Brand Award



Deutscher Gründerpreis

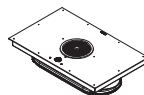
BORA system configurator

Compatibility overview



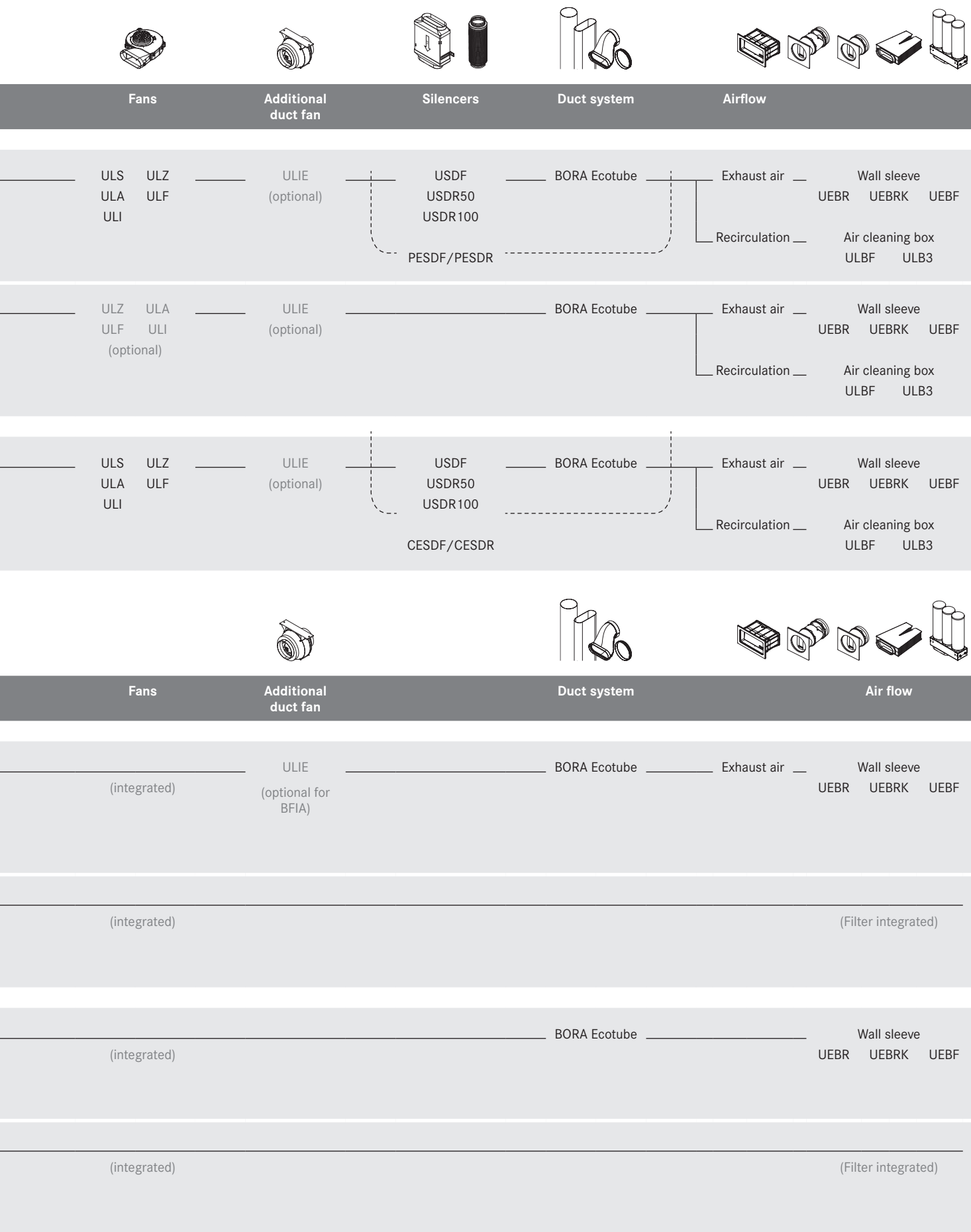
| Product line | Cooktop-extractor | Cooktops | Sockets |
|------------------------------|----------------------------------------------|-----------------------------------------------------------|----------------------------------------------|
| BORA Professional | PKA (flexible system) | PKFI11 PKI11 PKIW1 PKCH2 PKC32 PKC3B PKG11 PKT11 | USTF USTE USTJ USTG USTL (optional) |
| | PKAS (Compact system with integrated fan) | PKFI11 PKI11 PKIW1 PKCH2 PKC32 PKC3B PKG11 PKT11 | USTF USTE USTJ USTG USTL (optional) |

| | | | |
|-----------------------------|---------------------------|------------------------------------------|----------------------------------------------|
| BORA Classic 2.0 | CKA2 (flexible system) | CKFI CKI CKIW CKCH CKCB CKG CKT | USTF USTE USTJ USTG USTL (optional) |
|-----------------------------|---------------------------|------------------------------------------|----------------------------------------------|



| Product line | Airflow modules (included in the scope of delivery) | Cooktops with cooktop extractor | Sockets |
|------------------------------------|--------------------------------------------------------|------------------------------------|----------------------------------------------|
| BORA Basic | Exhaust air | BFIA BHA | USTF USTE USTJ USTG USTL (optional) |
| | Recirculation | BFIU BHU | USTF USTE USTJ USTG USTL (optional) |
| BORA X Pure / BORA Pure | Exhaust air (BORA Ecotube connection integrated) | PUXA PURA | USTF USTE USTJ USTG USTL (optional) |
| | Recirculation | PUXU PURU | USTF USTE USTJ USTG USTL (optional) |

Detailed information and ordering options can be found on BORA PartnerNet.
<https://partner.bora.com>



BORA Professional 2.0

Highlights

Intelligent control knob

The perfect combination of classic, simple knob control and the possibilities of an integrated touch surface and digital display. The different functions are accessed centrally via the intelligent control knob made of high-quality stainless steel.

Minimum volume

Thanks to the low-noise fan integrated in the plinth area of the kitchen, the extractor remains silent even at high power levels. There is no distraction while cooking and conversations are not disturbed.

Integrated grease drip pan

If anything is spilt during cooking, the integrated drip tray safely catches both solids and liquids.

Oversized surface induction cooking zones

Particularly large surface induction cooking zones enable you to consistently warm even very large pots or roasters through.

Automatic extractor control

The extractor power level automatically adjusts itself according to current cooking conditions. There's no need for constant manual adjustment, which means you can focus fully on your cooking.

Automatic cover flap

The cover flap opens and closes automatically when the extractor is operated. Thanks to the integrated sensor, accidental trapping of fingers during closing is safely avoided. When switched off, the system is fully closed.

Simple cleaning

All parts that come into contact with cooking vapours can be easily removed through the accessible, wide inlet opening. They can then be cleaned in the dishwasher, where they take up very little space.

Oversized 4 24 cooking surface

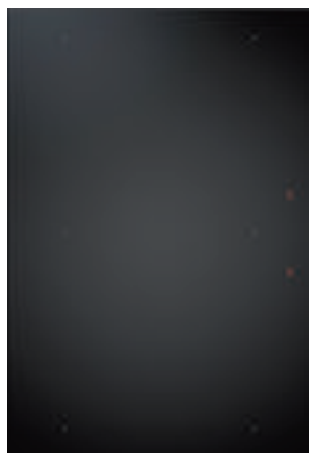
With extra-deep 54cm cooktops, BORA Professional gives you even more room to cook. Even 2 large pots can be easily placed one behind the other.

Modular system

BORA offers a wide range of cooktops, from surface induction to gas cooktops or Tepan stainless steel grills, which can be freely combined with the extraction system. Combinations with one, three or more cooktops are also easily achievable.

Accurate temperature control

The Tepan stainless steel grill offers top performance, 2 large grill areas and unique, precise temperature control. The required temperature can be set directly and is accurately displayed and maintained. Rapid heating to 250°C in under 5 minutes saves time and energy.



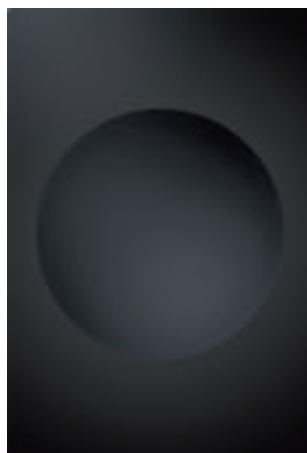
PKFI 11

BORA Pro surface induction glass ceramic cooktop with 2 cooking zones



PKI 11

BORA Pro induction glass ceramic cooktop with 2 cooking zones



PKIW 1

BORA Pro induction glass ceramic wok



PKC32

BORA Pro HiLight glass ceramic cooktop with 2 cooking zones 3-ring/2-ring



PKC3B

BORA Pro HiLight glass ceramic cooktop with 2 cooking zones 3-ring/roaster



PKCH2

BORA Pro Hyper glass ceramic cooktop with 2 cooking zones 1-ring/2-ring



PKG 11

BORA Pro gas glass ceramic cooktop with 2 cooking zones



PKT 11

BORA Pro Tepan stainless steel grill with 2 cooking zones



PKA

BORA Pro cooktop extractor



PKAS

BORA Pro cooktop extractor system with integrated fan

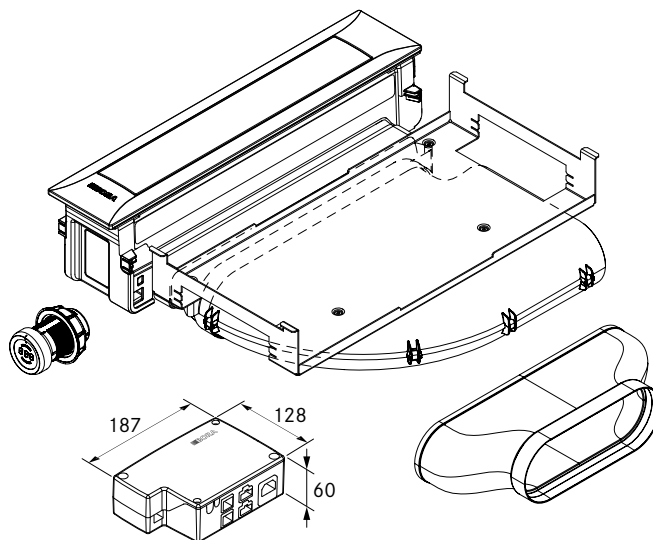
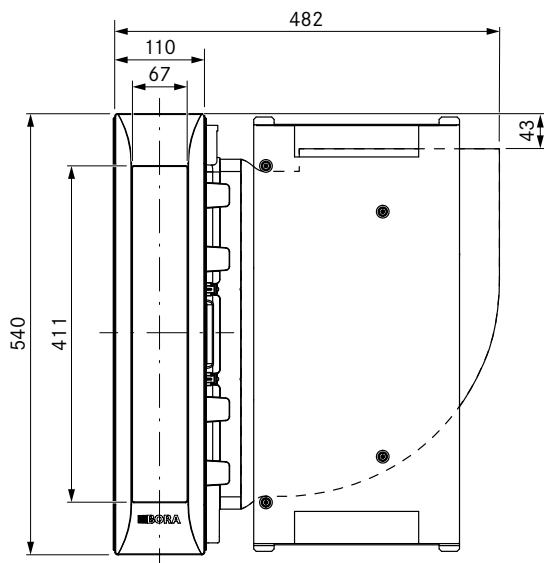
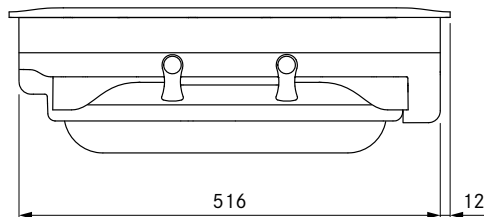
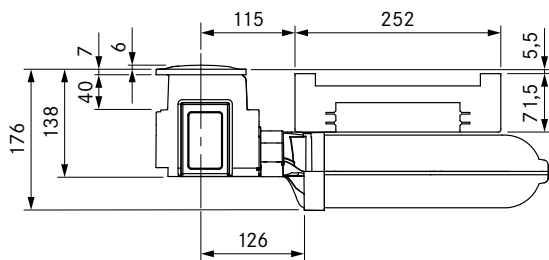


PKASFIAB

BORA Pro Set All Black (1x PKASAB, 2x PKFI 11AB, 1x EFBV90, 1x EF750, 1x EFV)

PKA

BORA Pro cooktop extractor



technical data

| | |
|------------------------------------|--------------------|
| Supply voltage | 220 – 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 700 W |
| Power supply cable length | 2 m |
| Dimensions (WxDxH) | 482 x 540 x 176 mm |
| Weight (incl. accessories/package) | 9.25 kg |
| Cooktop extractor power levels | 1 – 9, P |
| duct connection | BORA Ecotube |

Product description

- Intelligent control knob
- Automatic cover flap
- Minimum volume
- Simple cleaning
- Integrated grease drip pan
- Genuine stainless steel grease filter
- Modular system
- Automatic extractor control
- Maximum storage space
- Demo mode

Scope of delivery

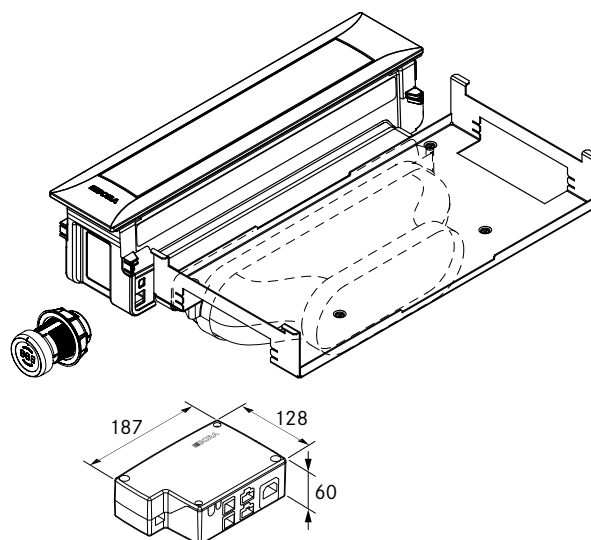
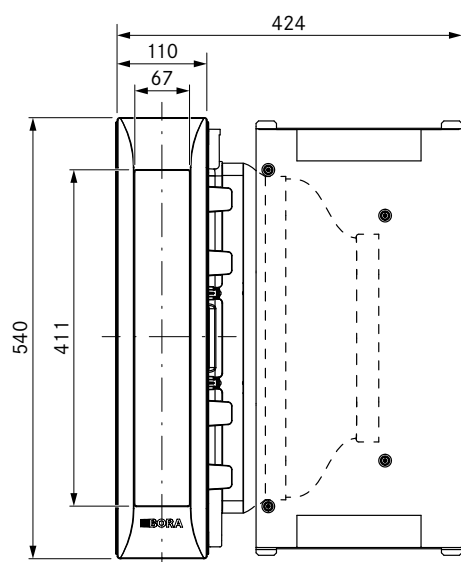
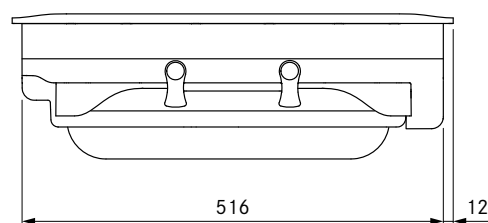
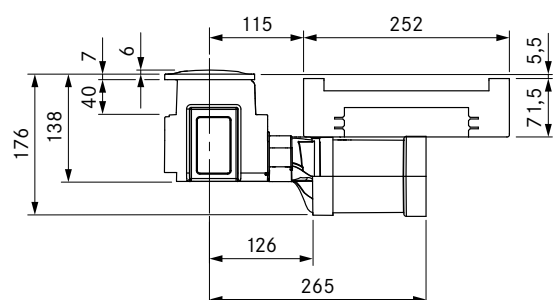
- PKA cooktop extractor with integrated 90° bend
- Duct element straight (EFD seal required)
- Control knob
- cover flap
- stainless steel grease filter
- Filter tray
- Maintenance tray
- CAT 5 communication cable
- Universal control unit
- connection cable for the control knob
- operating and installation instructions
- height adjustment plate set
- Mounting clamps
- Power supply cable with type E + F plugs
- Ecotube seal flat EFD

Accessories

- PKA1FF stainless steel grease filter
- PKA1VK cover flap
- PKA1FW filter tray
- UNLI type I power supply cable (AUS)
- UNLJ type J power supply cable (CH)
- UNLG type G power supply cable (GB-IE)

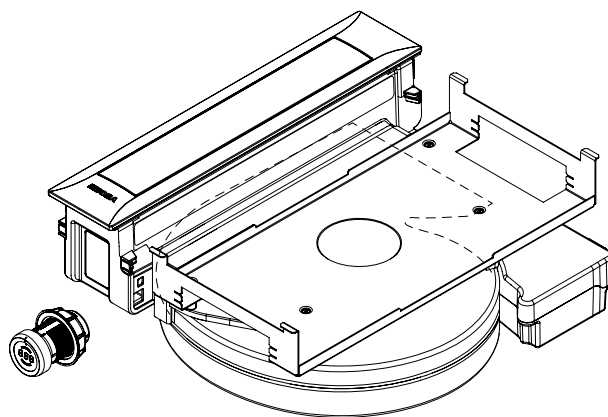
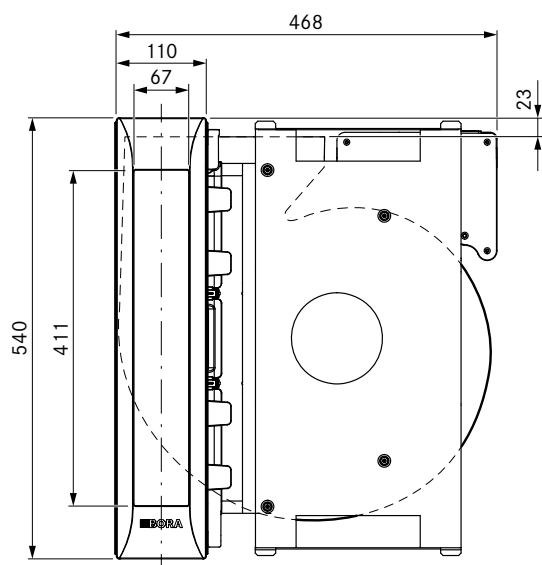
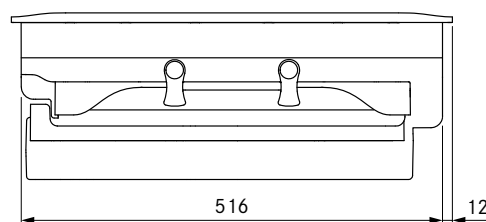
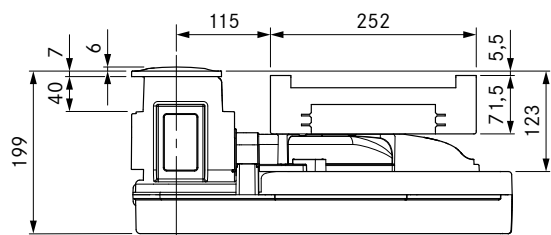
product- and planning instructions

- Suitable for use as a recirculation or exhaust system
- Can be combined with all BORA Professional 2.0 cooktops and BORA Universal fan modules
- Use of an additional fan module is possible for very long or complex exhaust air channels
- The worktop height can be adjusted as necessary
- Worktop depth: ≥ 700 mm (in conjunction with the straight duct element ≥ 650 mm)
- Airflow possible to the right or left
- Fan can be positioned in the plinth area as a result of the low installation height (100 mm) (when using the ULS plinth fan only)
- Installation type: flush or surface-mounted
- Universal control unit as central connection point can be simply and compactly positioned in the plinth area
- The extractor and Universal control unit are connected by a CAT 5 communication cable
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- The BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- The Professional cooktop extractor system can be combined with all BORA sockets

Installation option: BORA Pro cooktop-extractor with straight duct element


PKAS

BORA Pro cooktop extractor system with integrated fan



technical data

| | |
|--------------------------------------|--------------------|
| Supply voltage | 220 – 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 700 W |
| Power supply cable length | 2 m |
| Dimensions (WxDxH) | 468 x 540 x 199 mm |
| Weight (incl. accessories/packaging) | 12.5 kg |
| Cooktop extractor power levels | 1 – 9, P |
| duct connection | BORA Ecotube |

Product description

- Intelligent control knob
- Automatic cover flap
- Simple cleaning
- Integrated grease drip pan
- Genuine stainless steel grease filter
- Modular system
- Automatic extractor control
- Maximum storage space
- Integrated fan
- Demo mode

Scope of delivery

- Cooktop extractor PKAS with integrated fan
- Control knob
- stainless steel grease filter
- Filter tray
- Maintenance tray
- cover flap
- connection cable for the control knob
- operating and installation instructions
- height adjustment plate set
- Mounting clamps
- Power supply cable with type E + F plugs

Accessories

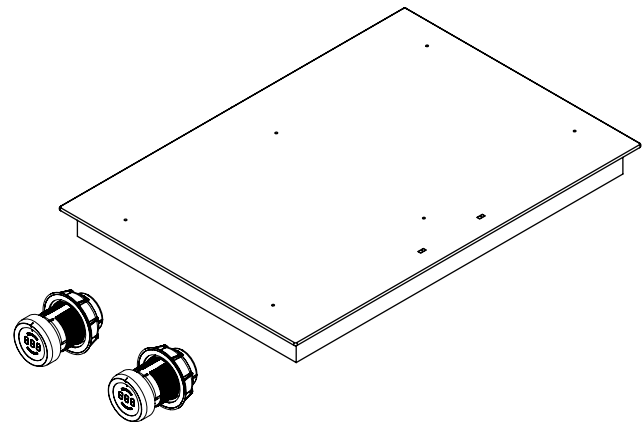
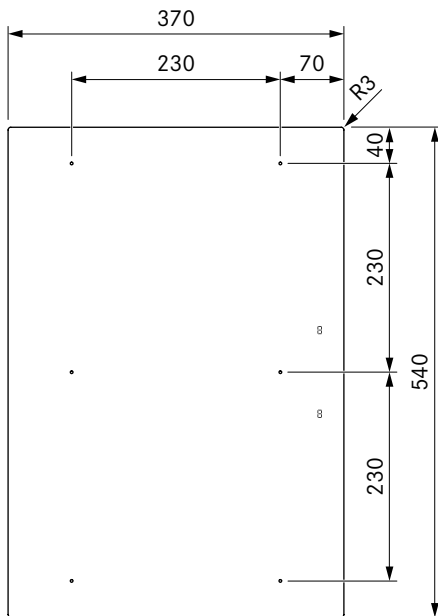
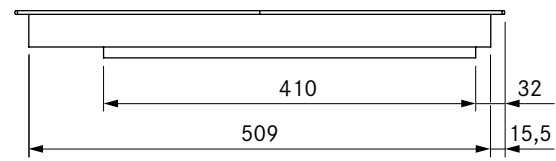
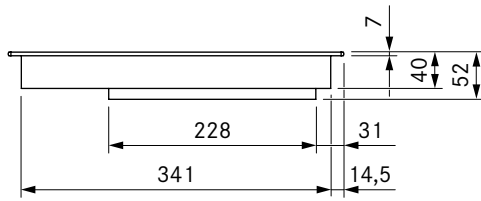
- PKA1FF stainless steel grease filter
- PKA1VK cover flap
- PKA1FW filter tray
- UNLI type I power supply cable (AUS)
- UNLJ type J power supply cable (CH)
- UNLG type G power supply cable (GB-IE)

product- and planning instructions

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- Can be combined with all BORA Professional 2.0 cooktops and BORA Universal fan modules
- Use of an additional fan module is possible for very long or complex exhaust air channels
- The worktop height can be adjusted as necessary
- Worktop depth: ≥ 700 mm
- Installation type: flush or surface-mounted
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- The BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- The Professional cooktop extractor system can be combined with all BORA sockets
- Duct connection on the back of the appliance

PKFI 11

BORA Pro surface induction glass ceramic cooktop with 2 cooking zones



technical data

| | |
|-----------------------------------------|-------------------|
| Supply voltage | 220 – 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 3.7 kW |
| Maximum power rating | 3.7 kW |
| Minimum fuse protection | 1 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 370 x 540 x 52 mm |
| Weight (incl. accessories/packaging) | 8.1 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 – 9, P |
| Size of front cooking zone | 230 x 230 mm |
| Size of rear cooking zone | 230 x 230 mm |
| Front cooking zone output | 2100 W |
| Rear cooking zone output | 2100 W |
| Front cooking zone power setting output | 3700 W |
| Rear cooking zone power setting output | 3700 W |

Product description

- Intelligent control knob
- Oversized 4 24 cooking surface
- Oversized surface induction cooking zones
- Performance level display on the cooktop
- Variable heat retention function
- childproofing feature
- bridging function
- Cooking zone timers
- Timer
- Demo mode

Scope of delivery

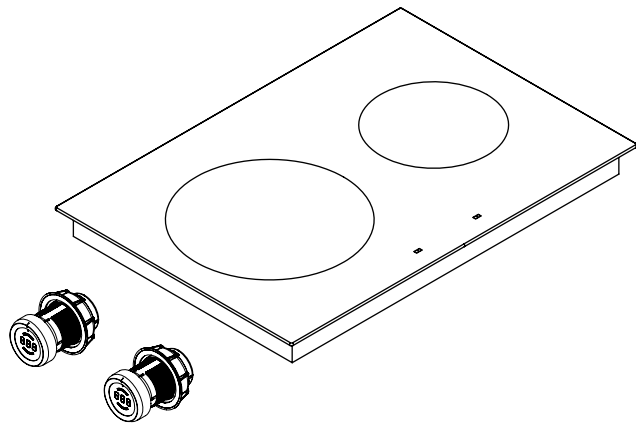
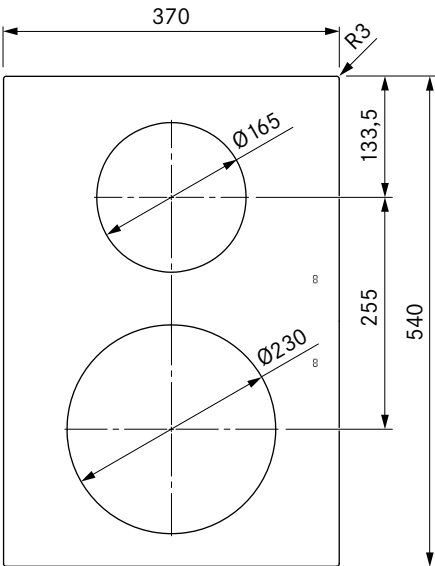
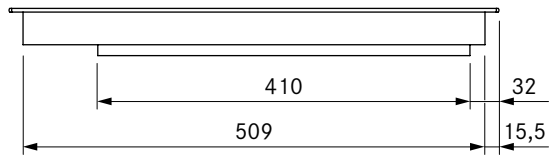
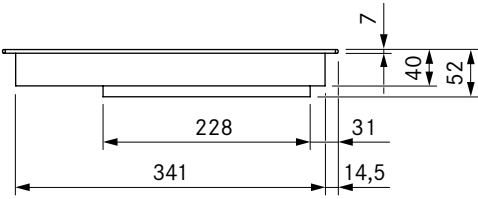
- PKFI 11 surface induction glass ceramic cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- glass ceramic scraper
- height adjustment plate set

product- and planning instructions

- Rotation by 180° possible during installation
- Please note that induction-compatible cookware must be used on induction cooktops
- Ensure sufficient ventilation of the area below the cooktop.

PKI11

BORA Pro induction glass ceramic cooktop with 2 cooking zones



technical data

| | |
|-----------------------------------------|-------------------|
| Supply voltage | 220 - 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 3.7 kW |
| Maximum power rating | 3.7 kW |
| Minimum fuse protection | 1 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 370 x 540 x 52 mm |
| Weight (incl. accessories/packaging) | 8.0 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 - 9, P |
| Size of front cooking zone | Ø 230 mm |
| Size of rear cooking zone | Ø 165 mm |
| Front cooking zone output | 2300 W |
| Rear cooking zone output | 1400 W |
| Front cooking zone power setting output | 3700 W |
| Rear cooking zone power setting output | 2200 W |

Product description

- Intelligent control knob
- Performance level display on the cooktop
- Variable heat retention function
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- automatic heat up function
- pan size recognition
- Demo mode

Scope of delivery

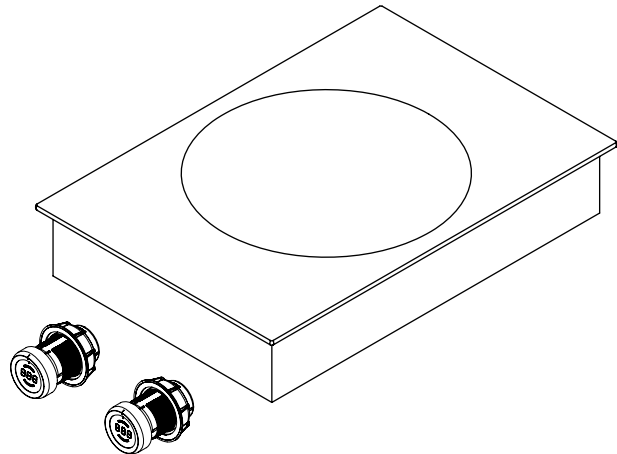
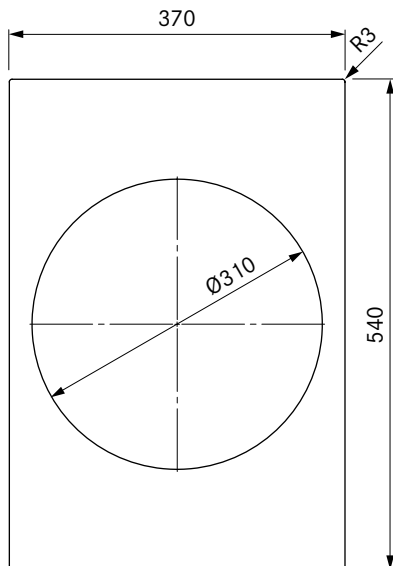
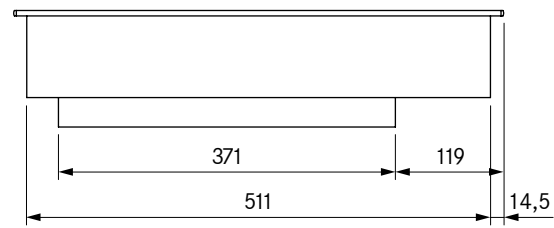
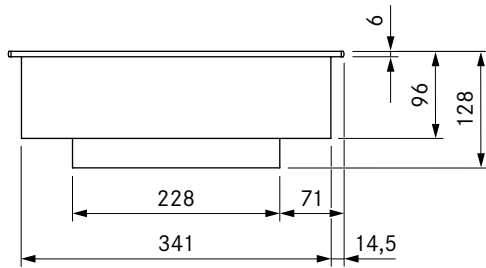
- PKI11 induction glass ceramic cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- glass ceramic scraper
- height adjustment plate set

product- and planning instructions

- Rotation by 180° possible during installation
- Please note that induction-compatible cookware must be used on induction cooktops
- Ensure sufficient ventilation of the area below the cooktop.

PKIW1

BORA Pro induction glass ceramic wok



technical data

| | |
|--------------------------------------|--------------------|
| Supply voltage | 220 – 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 3.0 kW |
| Maximum power rating | 3.0 kW |
| Minimum fuse protection | 1 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 370 x 540 x 128 mm |
| Weight (incl. accessories/packaging) | 9.5 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 – 9, P |
| Size of cooking zone | Ø 310 mm |
| Cooking zone output | 2400 W |
| Cooking zone power setting output | 3000 W |

Product description

- Intelligent control knob
- Variable heat retention function
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- automatic heat up function
- Increased resistance against breakage
- Modular system
- Demo mode

Scope of delivery

- PKIW1 induction glass ceramic wok cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- height adjustment plate set
- mounting straps
- glass ceramic scraper

Accessories

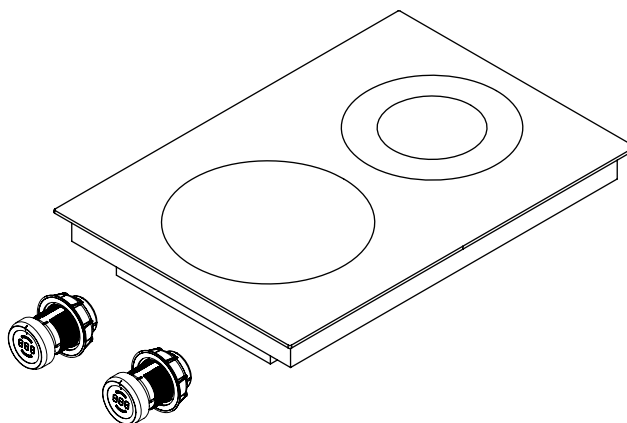
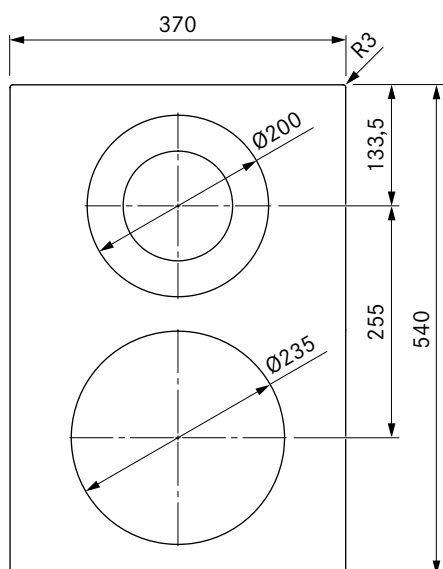
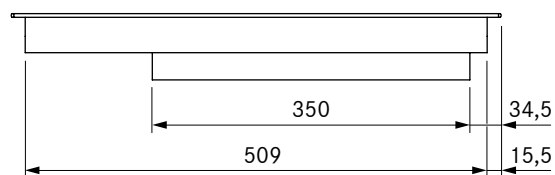
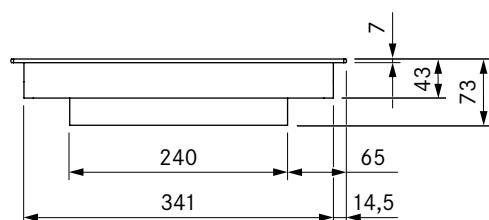
- HIW1 induction wok, Controlinduc®, stainless steel, Ø 360 mm

product- and planning instructions

- The installation height of 128 mm means that the device cannot be installed over the exhaust ducting
- Ensure sufficient ventilation of the area below the cooktop.
- Glass ceramic mould Diameter 310 mm
- Use a wok that loses its magnetic properties when the temperature rises (overheating protection). We recommend using the BORA induction wok.

PKCH2

BORA Pro Hyper glass ceramic cooktop with 2 cooking zones 1-ring/2-ring



technical data

| | |
|-----------------------------------------|---------------------------------|
| Supply voltage | 380 - 415 V 2 N |
| Frequency | 50/60 Hz |
| Maximum power consumption | 5.1 kW |
| Maximum power rating | 5.1 kW |
| Minimum fuse protection | 2 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 370 x 540 x 73 mm |
| Weight (incl. accessories/packaging) | 8.7 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 - 9, (switching 2-ring/Hyper) |
| Number of cooking zone circuits front | 1 |
| Number of cooking zone circuits rear | 2 |
| Size of front cooking zone | Ø 235 mm |
| Size of rear cooking zone | Ø 120 / 200 mm |
| Front cooking zone output | 2100 W |
| Rear cooking zone output | 800 / 1900 W |
| Front cooking zone power setting output | 3200 W |

Product description

- Intelligent control knob
- Variable heat retention function
- Super fast parboiling
- 2-ring switching
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- automatic heat up function
- Demo mode

Scope of delivery

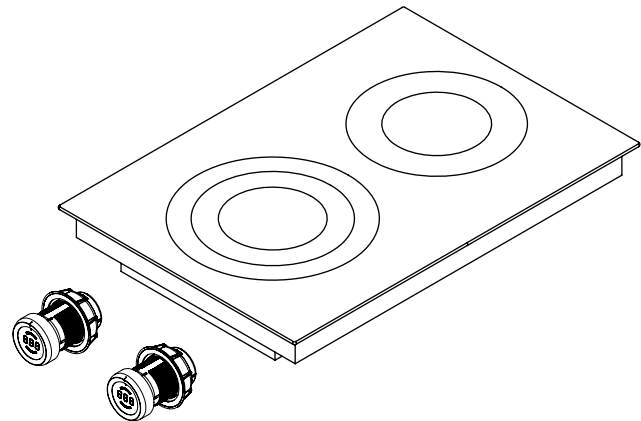
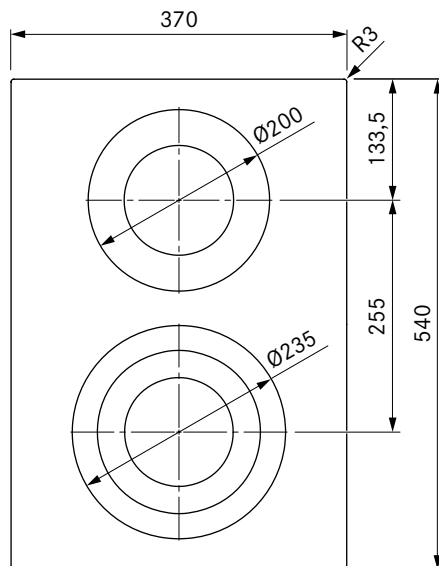
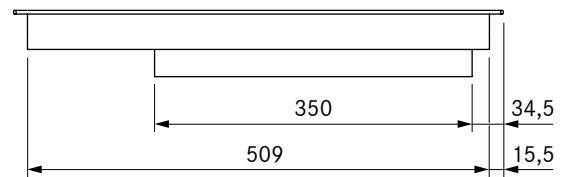
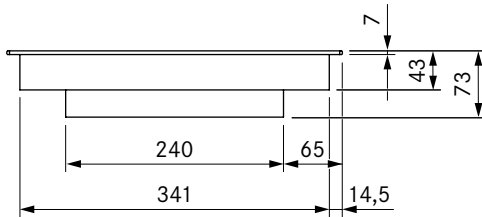
- PKCH2 Hyper glass ceramic cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- glass ceramic scraper
- height adjustment plate set

product- and planning instructions

- Rotation by 180° possible during installation
- Ensure sufficient ventilation of the area below the cooktop.

PKC32

BORA Pro HiLight glass ceramic cooktop with 2 cooking zones 3-ring/2-ring



technical data

| | |
|---------------------------------------|---------------------------------|
| Supply voltage | 380 - 415 V 2N |
| Frequency | 50/60 Hz |
| Maximum power consumption | 4.4 kW |
| Maximum power rating | 4.4 kW |
| Minimum fuse protection | 2 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 370 x 540 x 73 mm |
| Weight (incl. accessories/packaging) | 8.7 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 - 9, (switching of 2/3 rings) |
| Number of cooking zone circuits front | 3 |
| Number of cooking zone circuits rear | 2 |
| Size of front cooking zone | Ø 120 / 180 / 235 mm |
| Size of rear cooking zone | Ø 120 / 200 mm |
| Front cooking zone output | 800 / 1600 / 2500 W |
| Rear cooking zone output | 800 / 1900 W |

Product description

- Intelligent control knob
- Variable heat retention function
- 2-ring switching
- 3-ring switching
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- automatic heat up function
- Demo mode

Scope of delivery

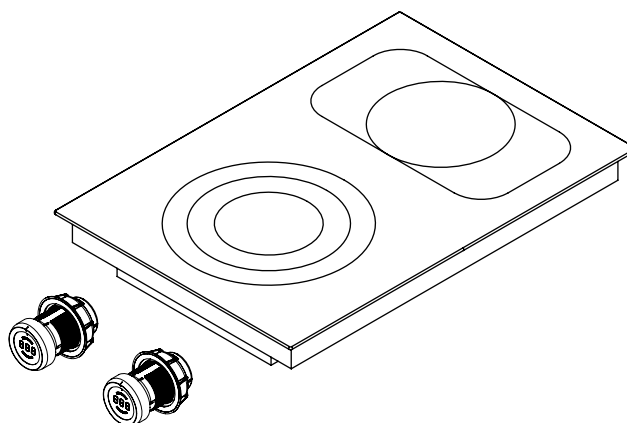
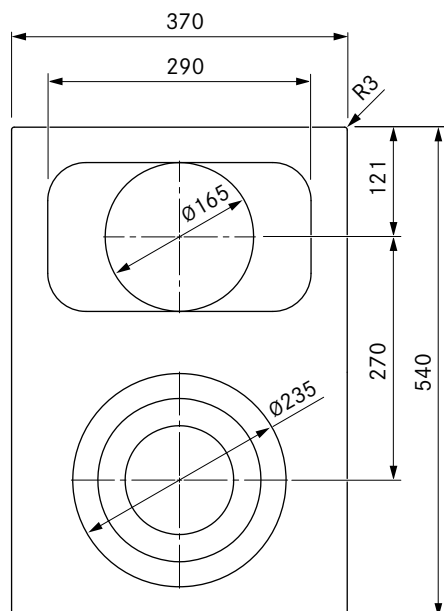
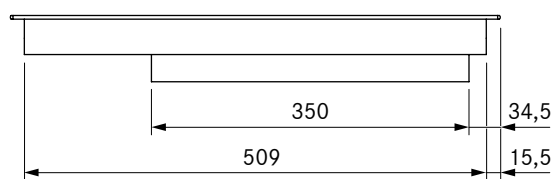
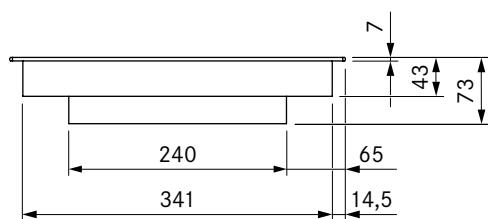
- PKC32 HiLight glass ceramic cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- glass ceramic scraper
- height adjustment plate set

product- and planning instructions

- Rotation by 180° possible during installation
- Ensure sufficient ventilation of the area below the cooktop.

PKC3B

BORA Pro HiLight glass ceramic cooktop with 2 cooking zones 3-ring/roaster



technical data

| | |
|---------------------------------------|---------------------------------------------|
| Supply voltage | 380 – 415 V 2N |
| Frequency | 50/60 Hz |
| Maximum power consumption | 5.1 kW |
| Maximum power rating | 5.1 kW |
| Minimum fuse protection | 2 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 370 x 540 x 73 mm |
| Weight (incl. accessories/packaging) | 8.9 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 – 9, (switching of 2/3 rings/ roaster) |
| Number of cooking zone circuits front | 3 |
| Number of cooking zone circuits rear | 2 |
| Size of front cooking zone | Ø 120 / 180 / 235 mm |
| Size of rear cooking zone | Ø 165 mm / 290 x 165 mm |
| Front cooking zone output | 800 / 1600 / 2500 W |
| Rear cooking zone output | 1500 W / 2600 W |

Product description

- Intelligent control knob
- Variable heat retention function
- Roaster switching
- 3-ring switching
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- automatic heat up function
- Demo mode

Scope of delivery

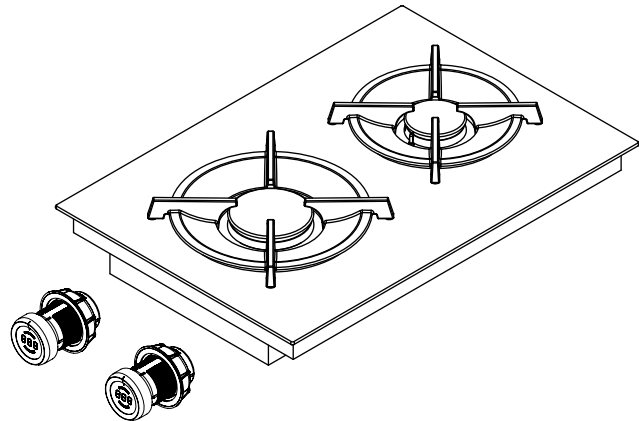
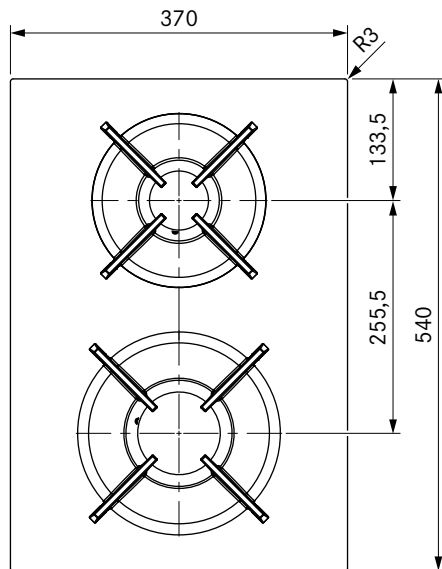
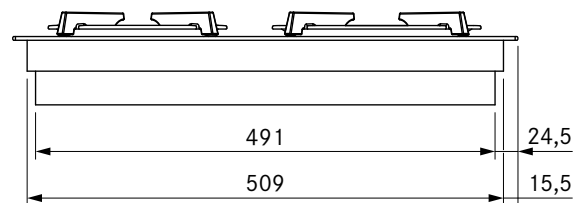
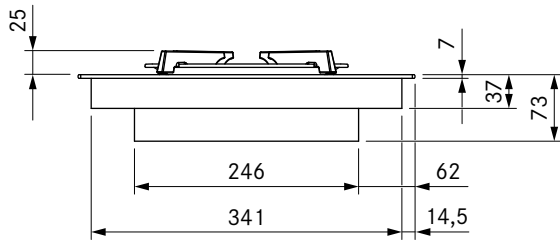
- PKC3B HiLight glass ceramic cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- glass ceramic scraper
- height adjustment plate set

product- and planning instructions

- Rotation by 180° possible during installation
- Ensure sufficient ventilation of the area below the cooktop.

PKG11

BORA Pro gas glass ceramic cooktop with 2 cooking zones



technical data

| | |
|------------------------------------------|----------------------|
| Supply voltage | 220 – 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 5.0 kW |
| Maximum power rating | 20 W |
| Minimum fuse protection | 1 x 0.5 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 370 x 540 x 73 mm |
| Weight (incl. accessories/packaging) | 11.5 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop extractor power levels | 1 – 9, P |
| Size of front cooking zone | Ø 240 mm |
| Size of rear cooking zone | Ø 200 mm |
| Front cooking zone output (power burner) | 800–3000 W |
| Rear cooking zone output (normal burner) | 550–2000 W |
| Size of front pan support | 270 x 270 x 25/50 mm |
| Size of rear pan support | 235 x 235 x 25/50 mm |

Product description

- Intelligent control knob
- Oversized 4 24 cooking surface
- Variable heat retention function
- Sunken gas burners
- Automatic reignition
- Dishwasher-safe pan supports
- childproofing feature
- automatic heat up function
- Demo mode
- Modular system

Scope of delivery

- PKG11 gas glass ceramic cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- 2 x cast iron pan supports
- Gas nozzle set G20/20 mbar natural gas
- Flexible gas connection tube, length 500 mm, 1/2" external thread
- Connection cable to the extractor

- operating and installation instructions
- height adjustment plate set
- mounting straps
- Adapter cylindrical-conical
- Seal
- glass ceramic scraper

Accessories

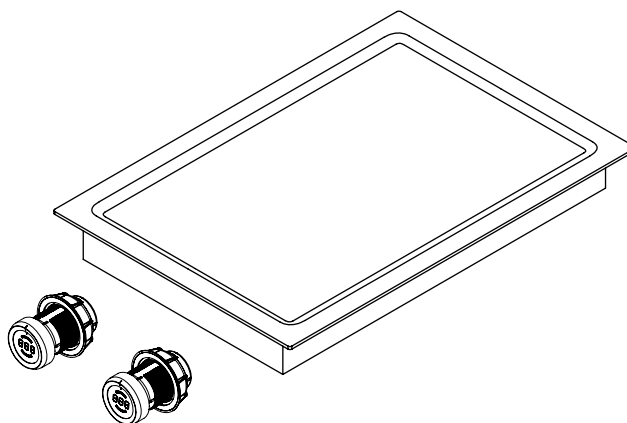
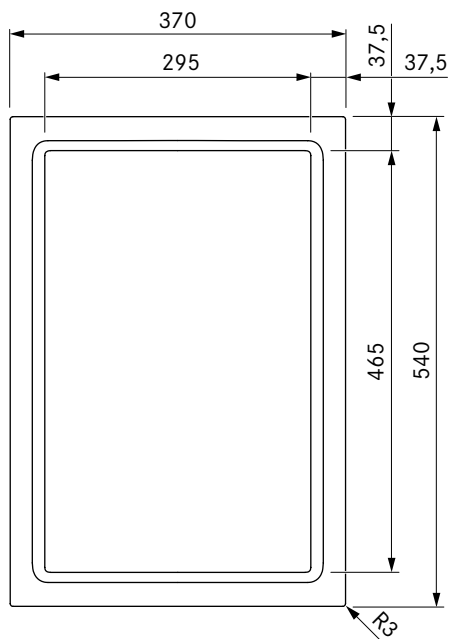
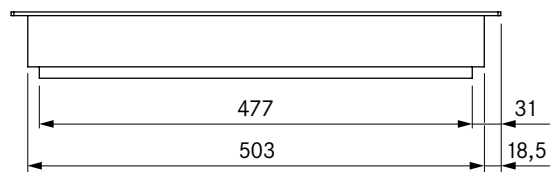
- BORA gas nozzle set natural gas G20/10 mbar PKGDS2010
- BORA gas nozzle set natural gas G20/13 mbar PKGDS2013
- BORA gas nozzle set natural gas G20/20 mbar PKGDS2020
- BORA gas nozzle set natural gas G25/20 mbar PKGDS2520
- BORA gas nozzle set natural gas G20/25 mbar PKGDS2025
- BORA gas nozzle set natural gas G25/25 mbar PKGDS2525
- BORA gas nozzle set liquid gas G30/G31 28–30/37 mbar PKGDS3028
- BORA gas nozzle set liquid gas G30/G31 50 mbar PKGDS3050
- BORA Pro gas nozzle set liquid gas G31/G30 mbar PKGDS3130
- BORA Pro gas nozzle set liquid gas G31/50 mbar PKGDS3150
- BORA burner set PKGBS
- BORA pan support small PKGTK
- BORA pan support large PKGTG

product- and planning instructions

- Ensure sufficient air supply below the gas cooktop. Either over the front of the body (opening cross-section > 50 cm²) or over the plinth area (opening cross-section > 150 cm²)
- Provide a return flow aperture (opening cross-section > 1000 cm² per air cleaning unit) for recirculation in the plinth area
- Please note the local regulations and connection requirements applicable to gas cooktops
- Please note the special installation and workmanship guidelines for the PKG11 gas cooktop (see the operating and installation instructions)
- When operating a gas cooktop with a cooktop extractor, the gas flame can be affected (depending on the height of the power level on the cooktop extractor)
- The performance characteristics of the gas cooktop (e.g. heating times, efficiency, etc.) are affected by the cooktop extractor. The cooktop extractor also affects the heat input and distribution
- If the gas cooktop is used in a model with two cooktop extractors, it is to be installed at the side
- Rotation by 180° possible during installation

PKT11

BORA Pro Tepan stainless steel grill with 2 cooking zones



technical data

| | |
|------------------------------------------|---------------------------------|
| Supply voltage | 380 – 415 V 2N |
| Frequency | 50/60 Hz |
| Maximum power consumption | 4.8 kW |
| Maximum power rating | 4.8 kW |
| Minimum fuse protection | 2 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 370 x 540 x 73 mm |
| Weight (incl. accessories/packaging) | 15.8 kg |
| Surface material | Brushed stainless steel |
| Temperature control range (Power levels) | 150 – 230 °C, 250 °C (1 – 9, P) |
| Temperature control range | 70 – 250 °C |
| Size of front cooking zone | 295 x 230 mm |
| Size of rear cooking zone | 295 x 230 mm |
| Bridged cooking zone dimensions | 295 x 460 mm |
| Front cooking zone output | 2400 W |
| Rear cooking zone output | 2400 W |
| Bridged cooking zone power | 4800 W |

Product description

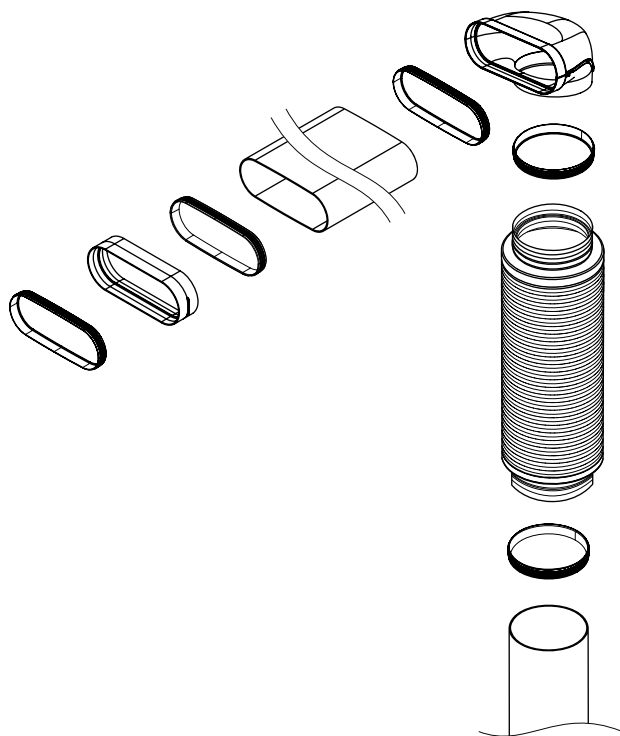
- Intelligent control knob
- Accurate temperature control
- Accurate temperature display
- Rapid heating
- Stainless steel grill area with two cooking zones
- Designed for optimum cleaning
- Cleaning function
- childproofing feature
- bridging function
- Demo mode

Scope of delivery

- PKT11 Tepan stainless steel grill
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- PTTS1 Tepan scraper
- height adjustment plate set
- mounting straps

product- and planning instructions

- Ensure sufficient ventilation of the area below the cooktop.



Product description

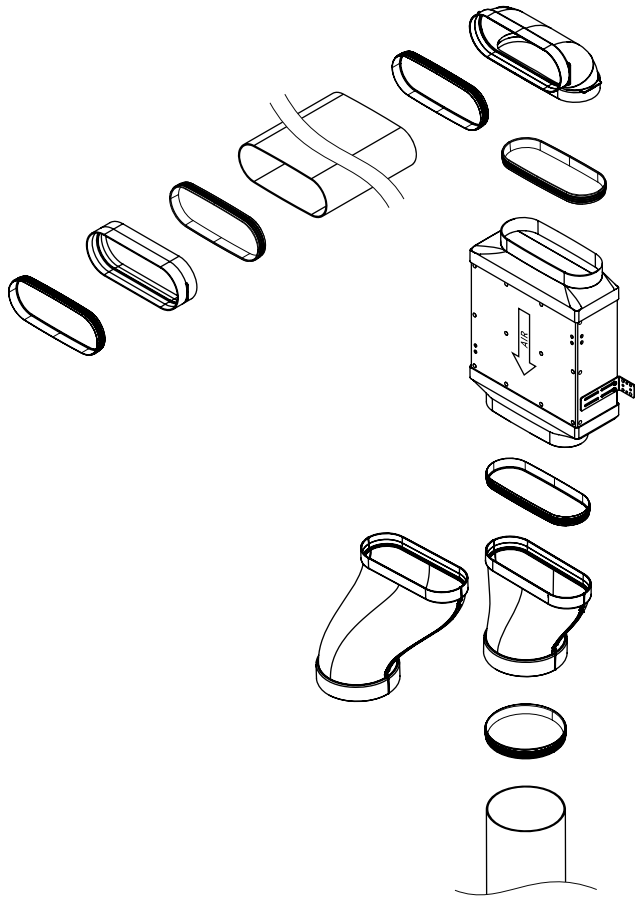
- Simple ordering
- 100% tight without additional taping
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x shallow duct connector EFV/1
- 3 x flat seal EFD/1
- 1 x shallow duct 750mm EF750/1
- 1 x 90° transition shallow round EFR90/1
- 1 x round silencer 500mm USDR50
- 2 x round seal ERD/1
- 1 x round duct 750mm ER750/1

PESDF

BORA Pro Ecotube set with USDF



Product description

- Simple ordering
- 100% tight without additional taping
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x shallow duct connector EFV/1
- 5 x flat seal EFD/1
- 1 x shallow duct 750mm EF750/1
- 1 x 90° bend shallow vertical EFBV90/1
- 1 x shallow silencer USDF
- 1 x transition flat round straight EFRG/1
- 1 x transition shallow round offset EFRV/1
- 1 x round seal ERD/1
- 1 x round duct 750mm ER750/1

Energy efficiency

BORA Pro cooktop extractors PKA/PKAS

| Product description | BORA Pro cooktop extractor PKA | BORA Pro cooktop extractor system PKAS | |
|-----------------------------------------------------------------|-----------------------------------|-------------------------------------------|--------------------|
| Operating mode | Exhaust air | Exhaust air | |
| Energy consumption | Value | Value | EN standard |
| Annual energy consumption (AEC_{hood}) | 23.4 kWh/a | 32.5 kWh/a | 61591 |
| Energy efficiency class | A++ | A+ | 61591 |
| Energy efficiency index (EEl_{hood}) | 31.6 | 42.5 | 61591 |
| Flow volume | | | |
| Fluid dynamic efficiency (FDE_{hood}) | 38.4 | 34.5 | 61591 |
| Fluid dynamic efficiency class | A | A | 61591 |
| Minimum air flow | 276.9 m ³ /h | 251.7 m ³ /h | 61591 |
| Maximum air flow | 612.7 m ³ /h | 618.2 m ³ /h | 61591 |
| Air flow power setting (Q_{Max}) | 612.7 m ³ /h | 689.8 m ³ /h | 61591 |
| Lighting | | | |
| Lighting efficiency (LE_{hood}) | * lx/Watt | * lx/Watt | * |
| Lighting efficiency class | * | * | * |
| Grease filtering | | | |
| Maximum setting (no power setting) (GFE_{hood}) | 86.8% | 91.28% | 61591 |
| Class at maximum power level | B | B | 61591 |
| Sound power level | | | |
| Minimum | 42.5 dB(A) | 47.6 dB(A) | 60704-2-13 |
| Maximum | 61.5 dB(A) | 68.4 dB(A) | 60704-2-13 |
| Power setting | 61.8 dB(A) | 69.9 dB(A) | 60704-2-13 |
| Sound pressure level (additional details) | | | |
| Minimum | 29.2 dB(A) | 34.9 dB(A) | ** |
| Maximum | 48.2 dB(A) | 55.7 dB(A) | ** |
| Power setting | 48.5 dB(A) | 57.2 dB(A) | ** |
| Details according to 66/2014 | | | |
| Time increase factor | 0.6 | 0.8 | 61591 |
| Electric power input at the best efficiency point (W_{BEP}) | 106.9 W | 111.3 W | 61591 |
| Pressure at the best efficiency point (P_{BEP}) | 518 Pa | 418 Pa | 61591 |
| Air volume flow at the best efficiency point (Q_{BEP}) | 288.1 m ³ /h | 330.7 m ³ /h | 61591 |
| Power consumption in off mode (P_O) | 0.4 W | 0.43 W | 61591 |

Information on the energy consumption label in accordance with Ordinance (EU) no. 65/2014 or 66/2014.

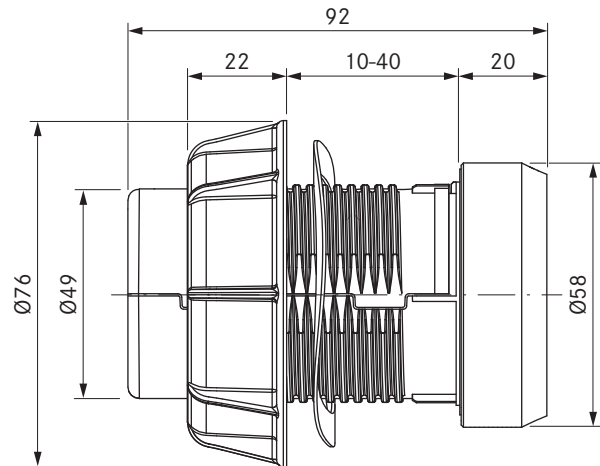
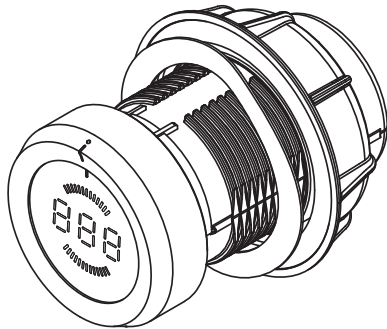
* This specification is not applicable for this product.

** The sound pressure level has been determined from a distance of 1 m (distance-dependent level recording) on the basis of the sound power level established in EN 60704-2-13.

Control knob

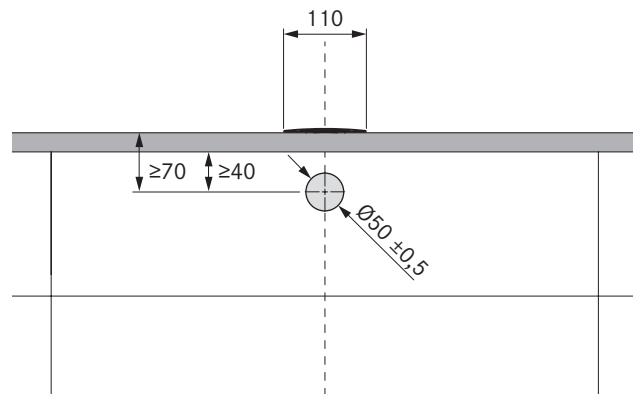
BORA Pro control knob

Appliance and installation dimensions

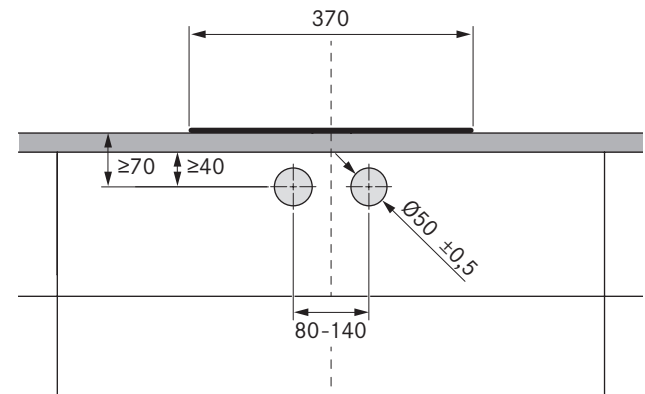


Bore holes

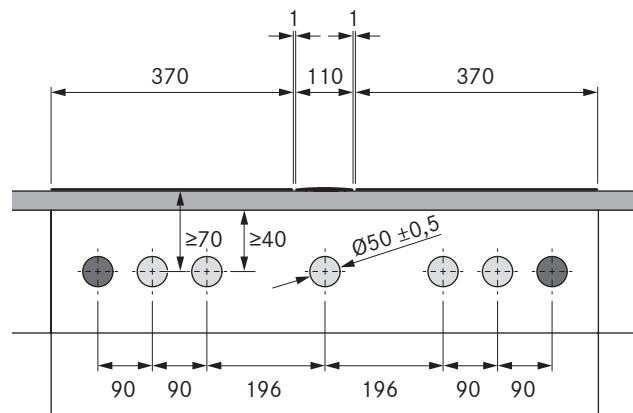
Bore hole for the control knob on the Professional cooktop extractors PKA/PKAS:



Bore holes for the control knobs on the Professional cooktops:

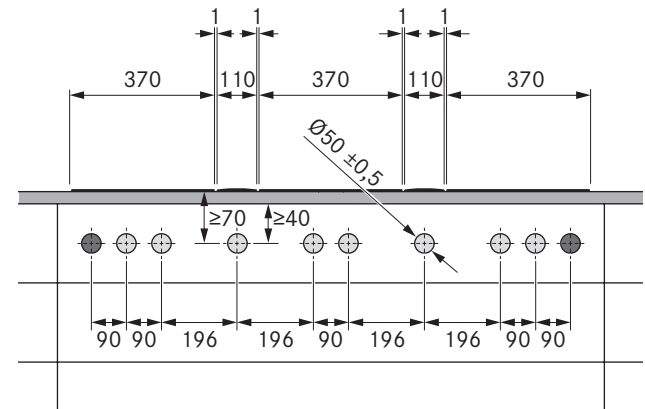


Bore hole examples:



Double cooktop

**Bore holes for installing 2 cooktops,
1 cooktop extractor and 2 sockets**



Triple cooktop

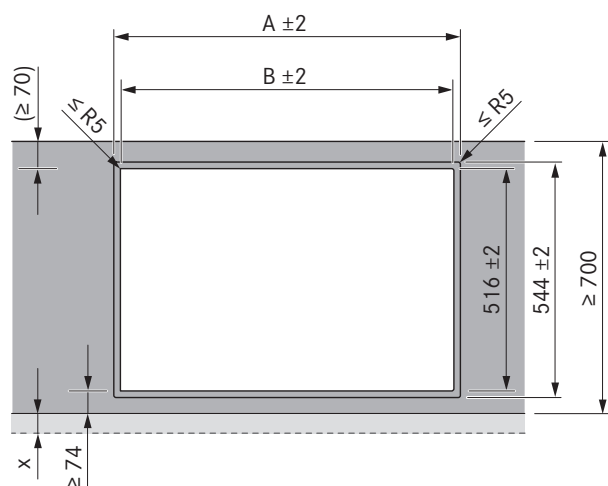
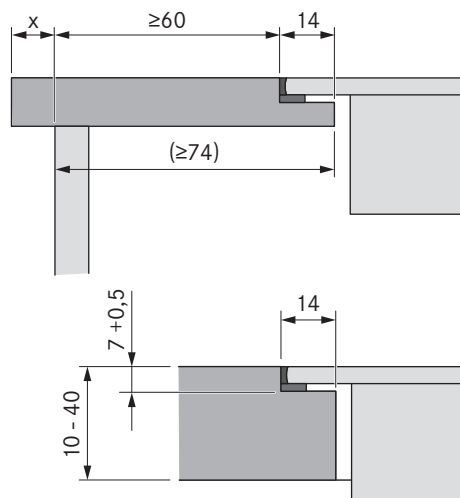
**Bore holes for installing 3 cooktops,
2 cooktop extractors and 2 sockets**

⊕ = Control knob bore holes ● = Socket bore holes

Cut-out dimensions

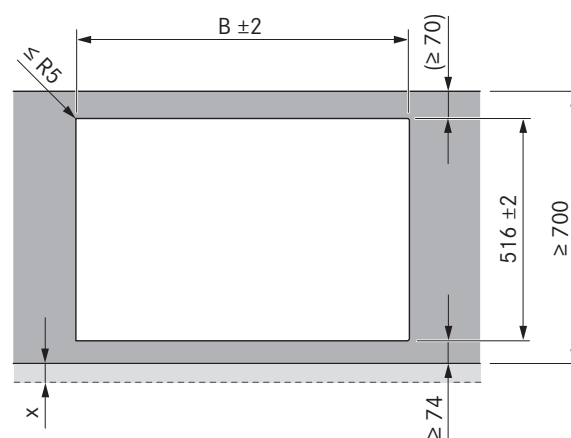
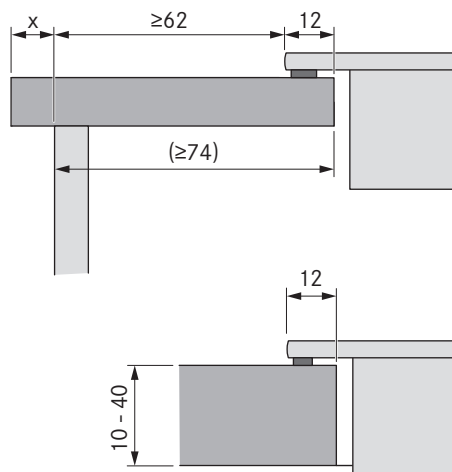
BORA Professional 2.0

Flush installation



| Cooktops/cooktop extractor | | A in mm | B in mm |
|----------------------------|-----|---------|---------|
| | 1/0 | 374 | 346 |
| | 1/1 | 485 | 457 |
| | 2/1 | 856 | 828 |
| | 3/2 | 1338 | 1310 |
| | 4/2 | 1709 | 1681 |

Surface mounting



| Cooktops/cooktop extractor | | B in mm |
|----------------------------|-----|---------|
| | 1/0 | 346 |
| | 1/1 | 457 |
| | 2/1 | 828 |
| | 3/2 | 1310 |
| | 4/2 | 1681 |

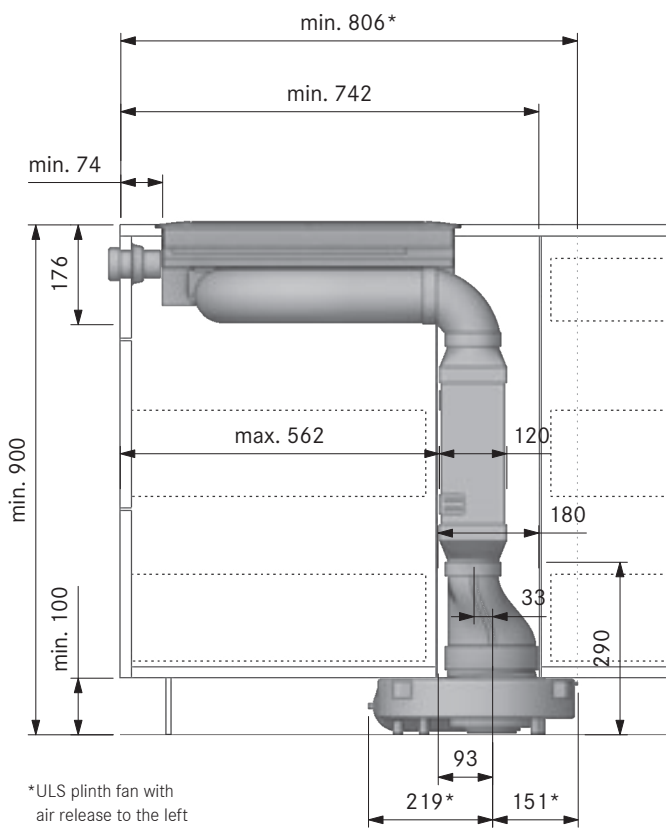
Important planning instructions:

- All dimensions from the front edge of the front cover.
- Cut-out dimensions tolerance ± 2 mm.
- Clearance of 1 mm should be planned between the built-in appliances.
- Clearance of 2 mm should be planned around the built-in appliances.
- A mounting rail must be installed between adjacent cooktops (PZMS1 BORA Pro mounting rail stainless steel).
- Please note the worktop manufacturer's instructions with regard to the suitability of the worktop. Worktop cut-outs must be moisture-sealed using suitable means or, where necessary, fitted with a thermal insulator (e.g. in the case of Corian or HiMacs worktops).

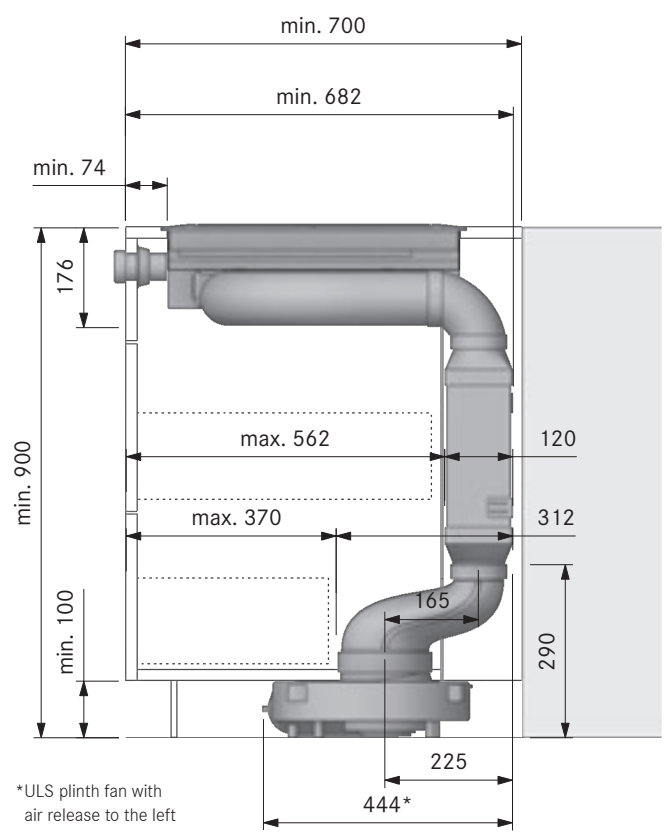
Installation cut-outs

BORA Professional 2.0

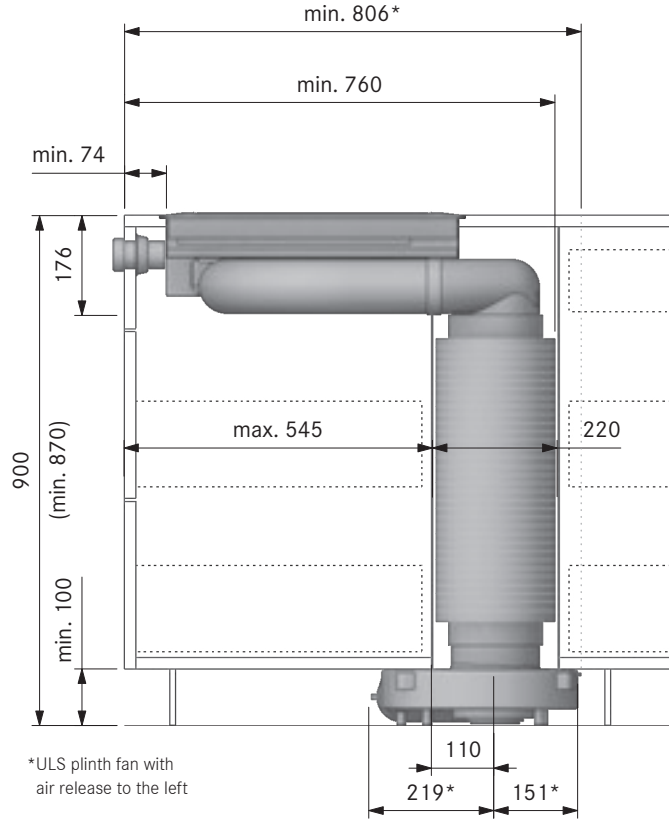
Installation cut-out PKA with shallow silencer USDF and straight transition piece EFRG (kitchen island):



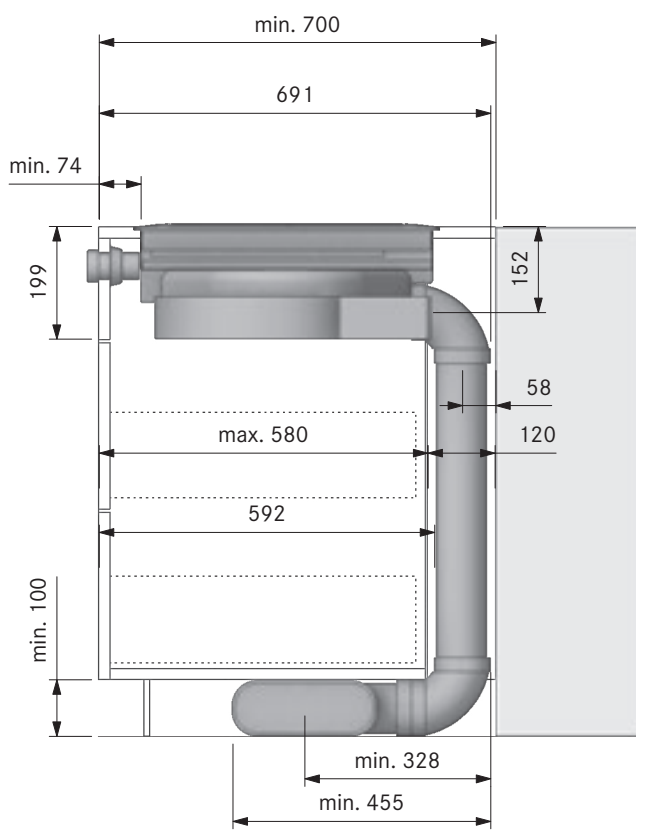
Installation cut-out PKA with shallow silencer USDF and offset transition piece EFRV (kitchen counter):



Installation cut-out PKA with round silencer USDR50 (kitchen island):



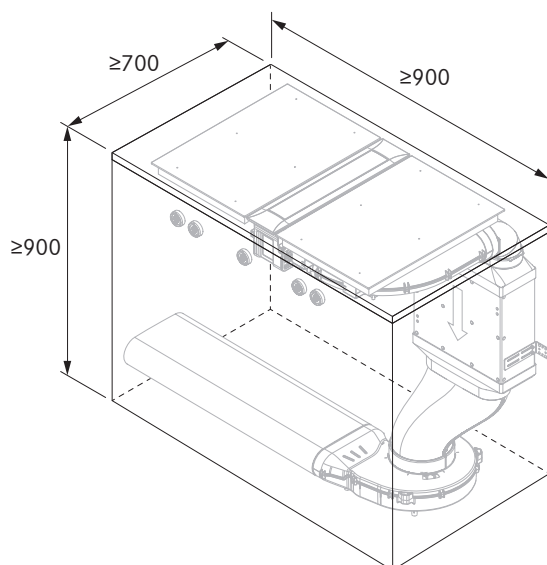
Installation cut-out PKAS with Ecotube shallow duct:



Minimum dimensions for installation

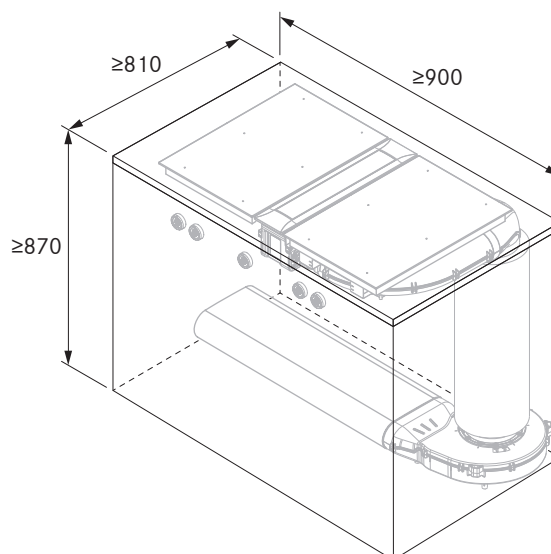
BORA Professional 2.0

Minimum dimensions for installation PKA + PESDF::



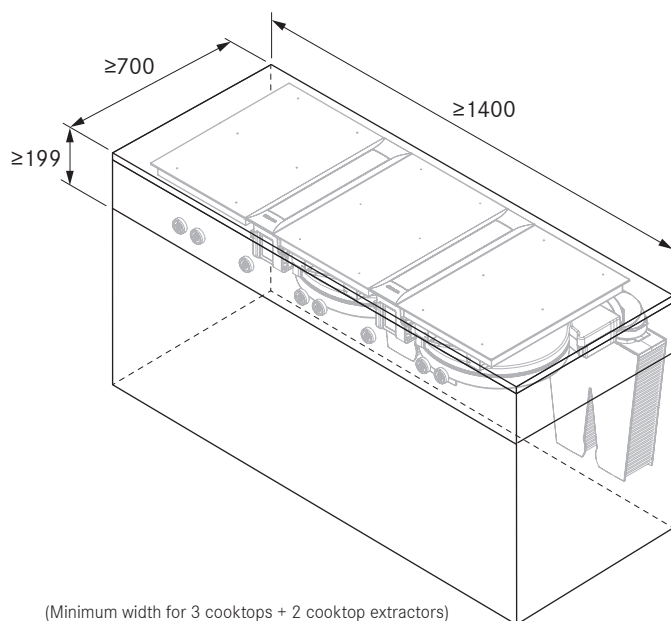
(The bottom drawer must be shortened,
ULS plinth fan with air release to the left)

Minimum dimensions for installation PKA + PESDR:



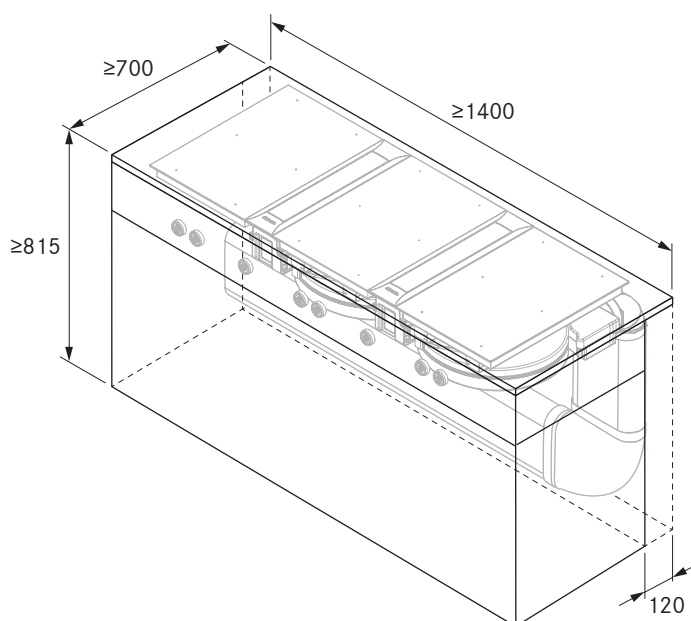
(ULS plinth fan with air release to the left)

Minimum dimensions for installation 2 PKAS + 2 EFBV90 + 2 ULBF:



(Minimum width for 3 cooktops + 2 cooktop extractors)

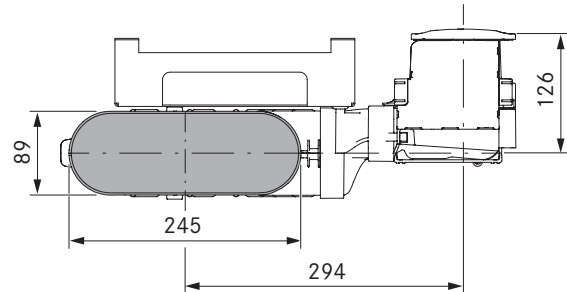
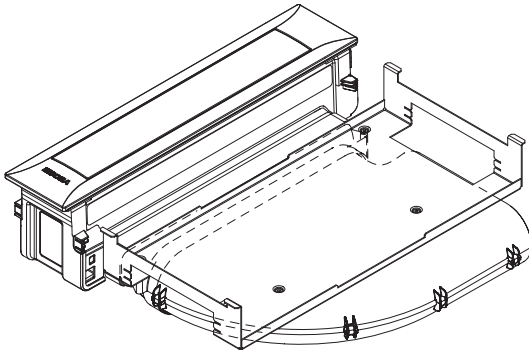
Minimum dimensions for installation 2 PKAS (exhaust system):



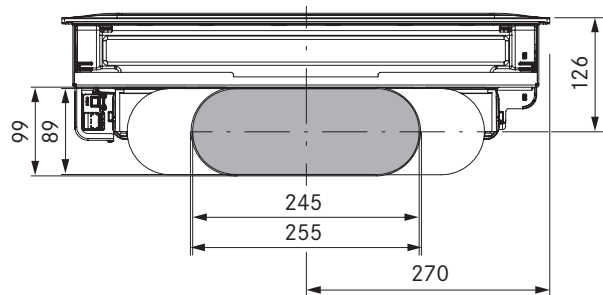
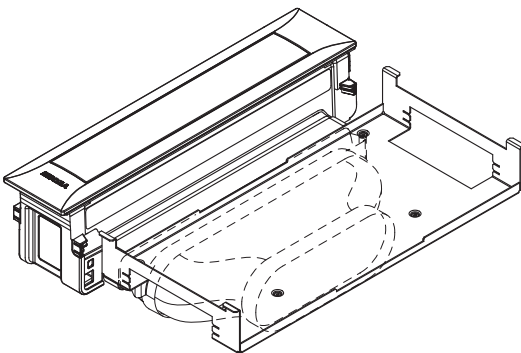
Duct connection dimensions

BORA Pro cooktop extractors

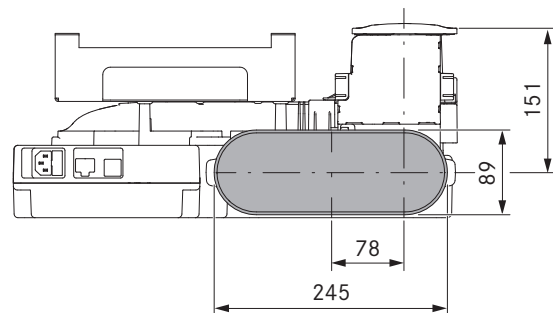
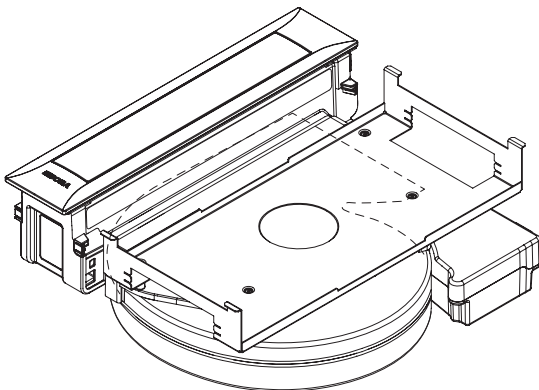
PKA cooktop extractor with curved duct element



Installation option: PKA cooktop extractor with straight duct element



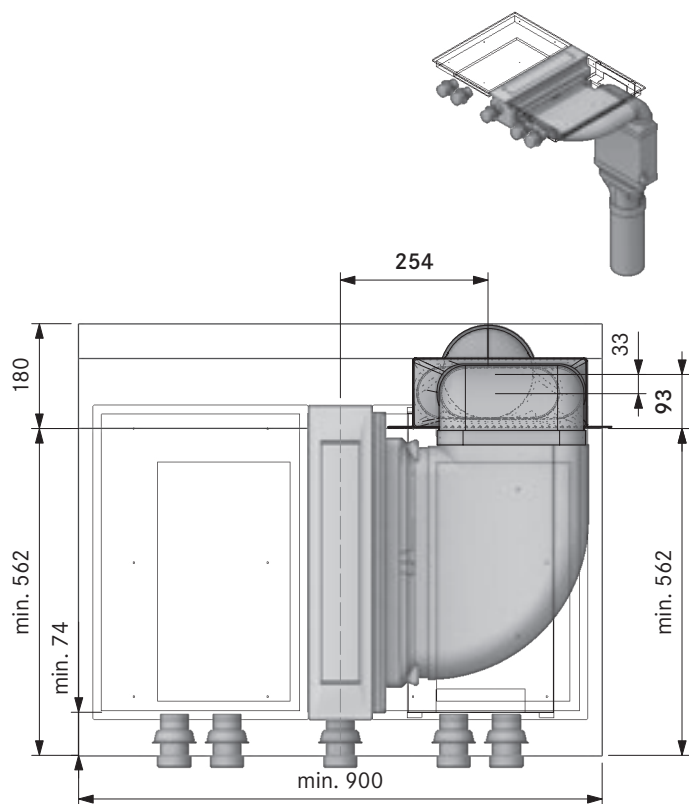
PKAS cooktop extractor system



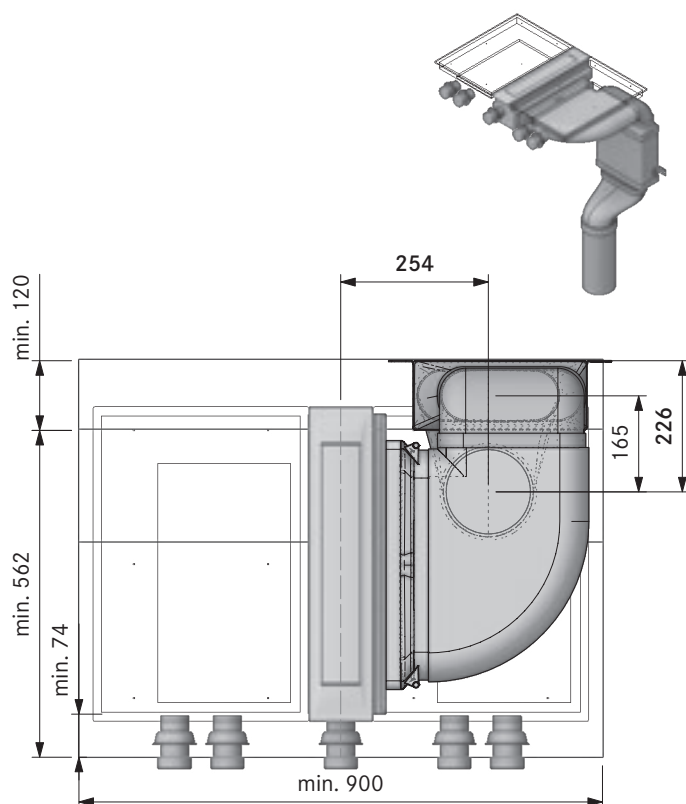
Core bore holes

BORA Professional 2.0

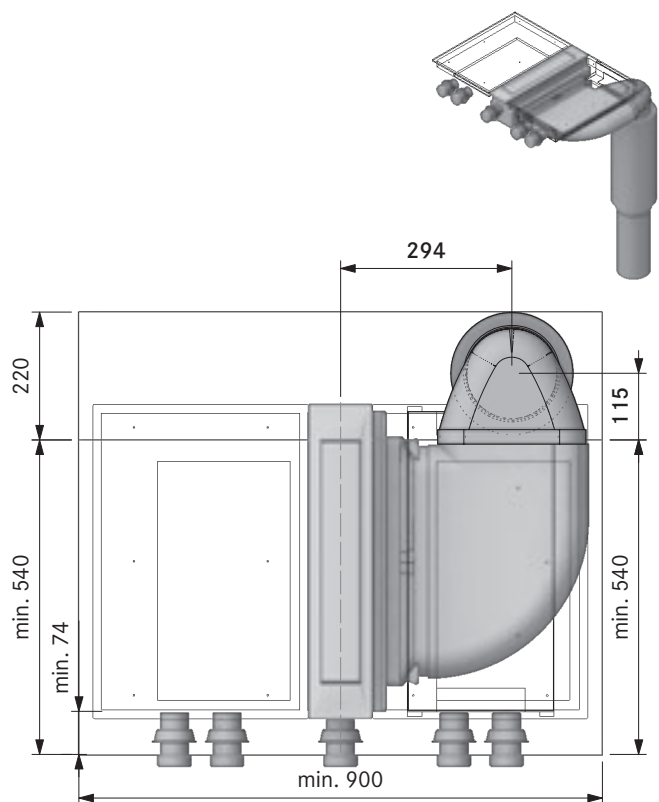
Minimum dimensions for core bore hole
PKA + USDF + EFRG (kitchen island):



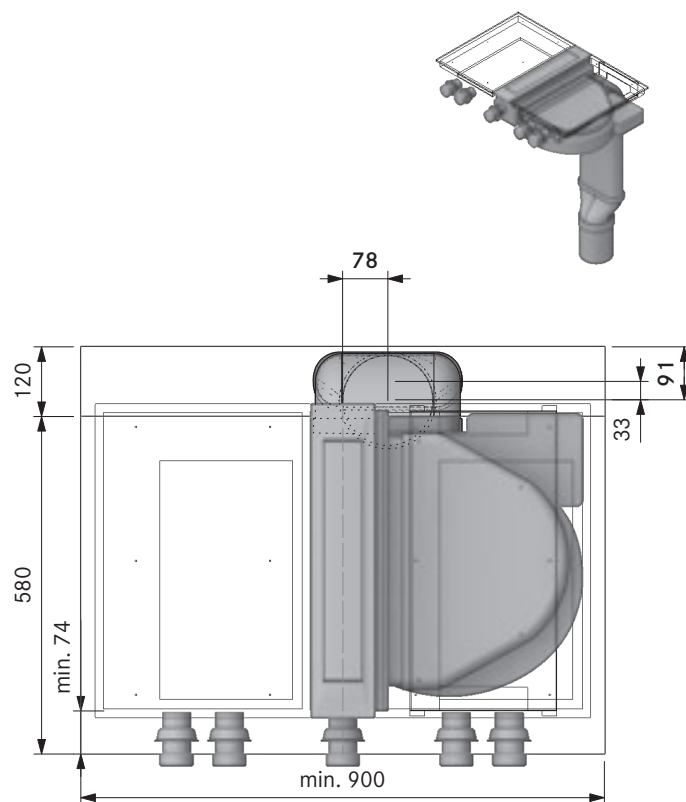
Minimum dimensions for core bore hole
PKA + USDF + EFRV (kitchen counter):



Minimum dimensions for core bore hole
PKA + USDR50 (kitchen island):



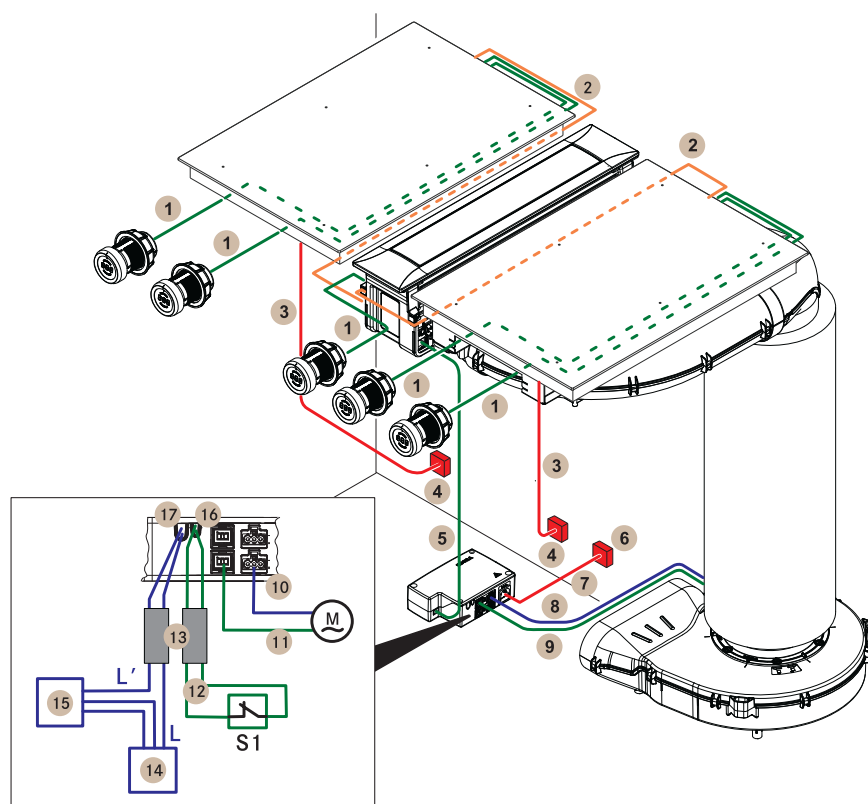
Minimum dimensions for core bore hole
PKAS + EF750 + EFRG (kitchen counter):



Connection diagram

BORA Professional 2.0

BORA Pro cooktop extractor PKA



| Position | Description | Note |
|----------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 1 | Cable control knob – interface | Length 1 m |
| 2 | Automatic extraction system cable | Length 1 m |
| 3 | Cooktop power supply cable | Length 1.5 m |
| 4 | Power supply per cooktop: PKT11, PKC32, PKC3B, PKCH2 PKFI11, PKI11, PKIW1 PKG11 | L1/L2 /N/PE min. fuse protection 2 x 16 A L/N/PE min. fuse protection 1 x 16 A L/N/PE min. fuse protection 1 x 0.5 A |
| 5 | CAT 5 communication cable | Length 3 m |
| 6 | Control unit power supply | L/N/PE |
| 7 | Control unit power supply cable | Length 2 m |
| 8 | Fan 1 power supply cable | |
| 9 | Fan 1 control line | |
| 10 | Fan 2 power supply cable | |
| 11 | Fan 2 control line | |
| M | Fan 2 | |
| 12 | Connection cable Home-In | |
| S1 | External switch contact | e.g. window contact switch for operating in exhaust mode with flues/fireplaces |
| 13 | Ferrite sleeves | Set product no. UFH |
| 14 | Power supply for external device | |
| 15 | External device | E.g. electrically operated wall sleeve |
| 16 | Home-In connection | 24V DC / 100 mA |
| 17 | Home-Out connection | Maximum 250 VAC / 30 VDC, 2.5 A |

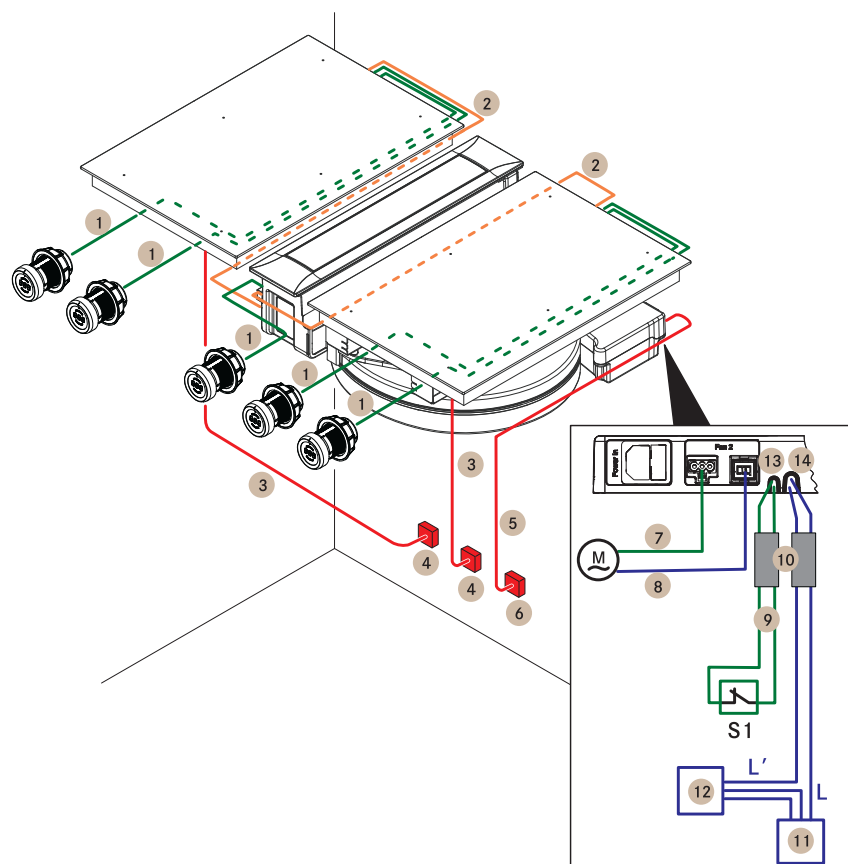
The connection diagram shows the maximum connection options required and is for planning purposes only.

The connection itself must be carried out by a qualified specialist based on the operating instructions.

Connection diagram

BORA Professional 2.0

BORA Pro cooktop extractor system PKAS



| Position | Description | Description |
|----------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1 | Cable control knob – interface | Length 1 m |
| 2 | Automatic extraction system cable | Length 1 m |
| 3 | Cooktop power supply cable | Length 1.5 m |
| 4 | Power supply per cooktop: PKT11, PKC32, PKC3B, PKCH2 PKFI11, PKI11, PKIW1, PKG11 | L1/L2 /N/PE min. fuse protection 2 x 16 A L/N/PE min. fuse protection 1 x 16 A |
| 5 | Control unit power supply cable | Length 2 m |
| 6 | PKAS power supply | |
| 7 | Additional fan power supply cable | |
| 8 | Fan 2 control line | |
| M | Fan 2 | |
| 9 | Connection cable Home-In | |
| S1 | External switch contact | e.g. window contact switch for operating in exhaust mode with flues |
| 10 | Ferrite sleeves | Set product no. UFH |
| 11 | Power supply for external device | |
| 12 | External device | e.g. electrically operated wall sleeve |
| 13 | Home-In connection | 24V DC / 100 mA |
| 14 | Home-Out connection | Maximum 250 VAC / 30 VDC, 2.5A |

The connection diagram shows the maximum connection options required and is for planning purposes only. The connection itself must be carried out by a qualified specialist based on the operating instructions.

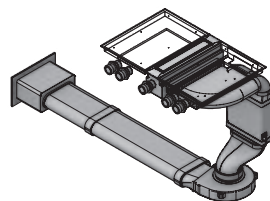
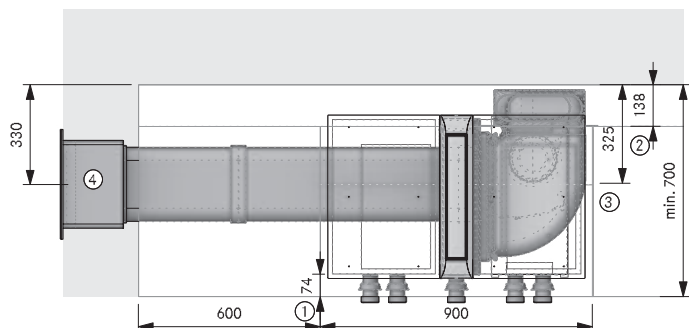
Model plans

BORA Professional 2.0

see more model plans at <https://partner.bora.com>

PKA 90° – exhaust air model for kitchen units

MP_1125 – with ULS plinth fan, USDF shallow silencer and airflow towards the left in the plinth



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ The lowest outlet must be shortened
- ④ Wall opening 310 x 155 mm
71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

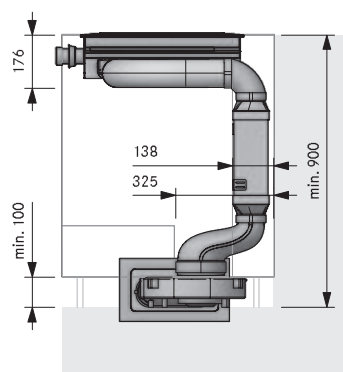
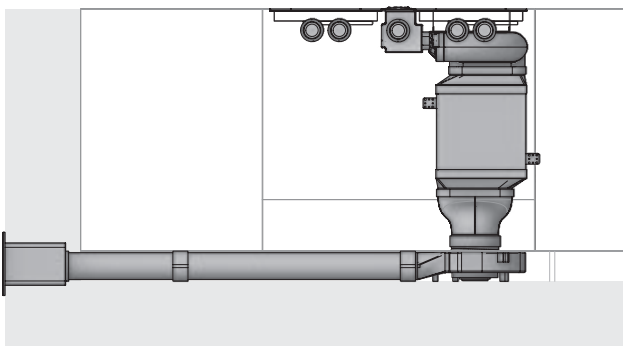
BORA product

- 1 PKA Pro cooktop extractor
- 1 PESDF Pro Ecotube set with USDF
- 1 ULS plinth fan EC

BORA Ecotube product

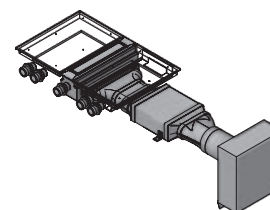
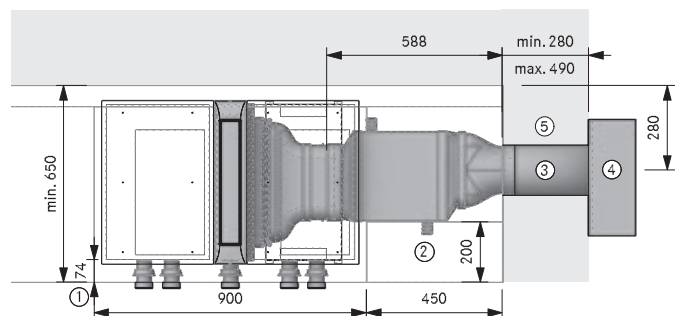
- 2 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 2 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



PKA straight – exhaust air model for kitchen units

MP_1408 – with ULA external wall fan, USDF shallow silencer and air flow towards the right under the worktop



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② The highest outlet must be shortened
- ③ Core bore hole at least Ø 180 mm
- ④ Must be able to expel air downwards freely at least 400 mm
- ⑤ Empty Ø 40 mm pipe for control line and mains cable

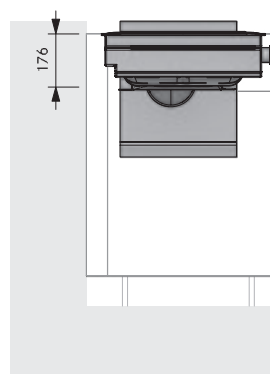
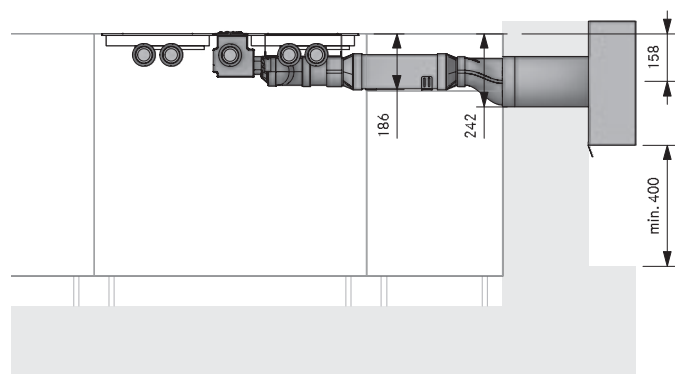
BORA product

- 1 PKA Pro cooktop extractor
- 1 ULA external wall fan EC
- 1 USDF shallow silencer

BORA Ecotube product

- 1 EFRG/1 transition, shallow round straight
- 1 EFV/1 duct connection, shallow
- 1 EF750/1 shallow duct 750 mm

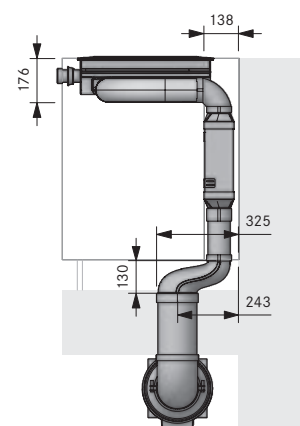
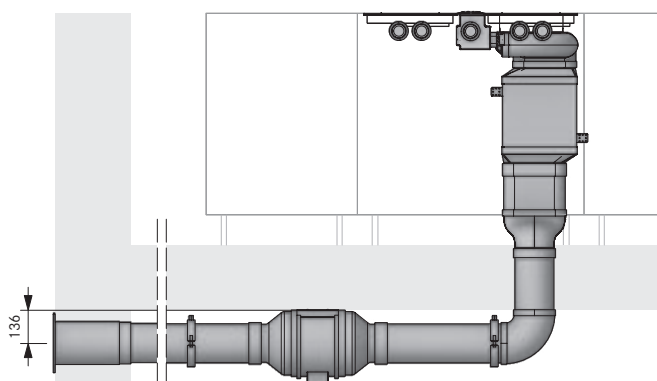
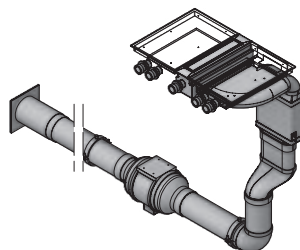
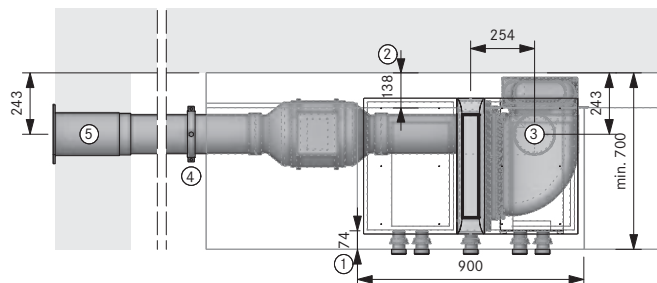
Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



Installation may only be carried out in accordance with the applicable standards, regulations and laws.

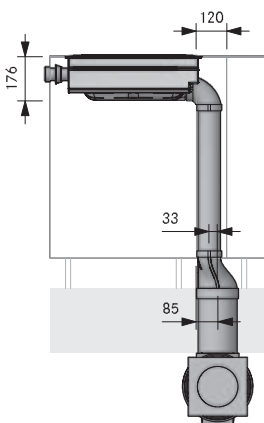
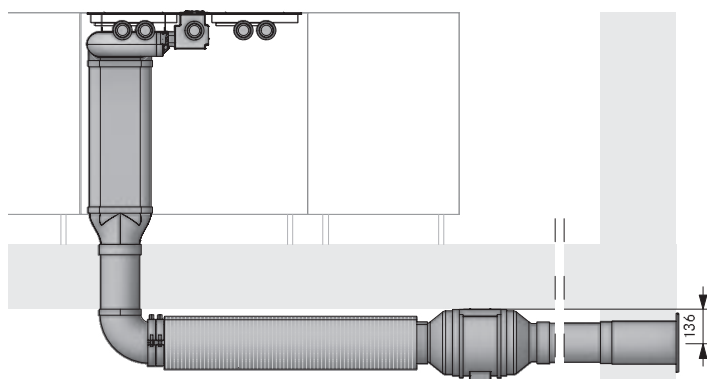
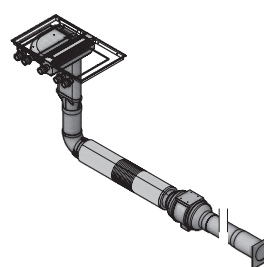
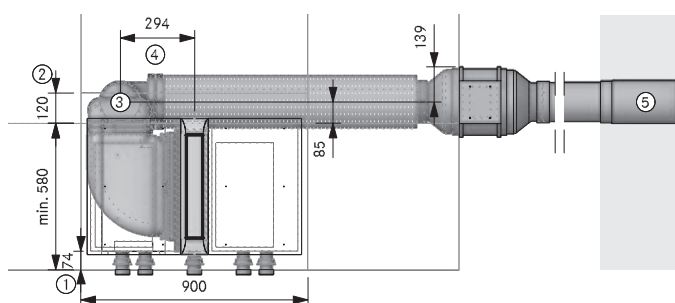
PKA 90° – exhaust air model for kitchen units

MP_1301 – with ULI duct fan, USDF shallow silencer and airflow towards the left in the basement



PKA 90° – exhaust air model for kitchen islands

MP_1315 – with ULI duct fan, USDR100 round silencer and air flow to the right in the basement



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Core bore hole at least Ø 180 mm
- ④ One mounting bracket set per Ecotube product with moulded coupling
- ⑤ Core bore hole at least Ø 180 mm. Must expel air in a straight line regardless of the weather conditions

BORA product

- 1 PKA Pro cooktop extractor
- 1 ULI duct fan EC
- 1 PESDF Pro Ecotube set with USDF

BORA Ecotube product

- 1 EFV/1 duct connection, shallow
- 1 ERB90/1 90° bend, round
- 1 UEBR/1 3box wall sleeve, round
- 1 ER750/1 round duct 750 mm

BORA Ecotube product according to requirements

- ERV/1 duct connection, round
- ER750/1 round duct 750 mm
- ERMS/1 installation set, round
- Sealing material is included in the scope of delivery in the case of moulded parts with a socket design**

Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Core bore hole at least Ø 180 mm
- ④ One mounting bracket set per Ecotube product with moulded coupling
- ⑤ Core bore hole at least Ø 180 mm. Must expel air in a straight line regardless of the weather conditions

BORA product

- 1 PKA Pro cooktop extractor
- 1 ULI duct fan EC
- 1 USDR100 round silencer 1000 mm

BORA Ecotube product

- 1 EFBV90/1 90° bend, shallow vertical
- 1 EFRG/1 transition, shallow round straight
- 1 ERB90/1 90° bend, round
- 1 UEBR/1 3box wall sleeve, round
- 1 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

BORA Ecotube product according to requirements

- ERV/1 duct connection, round
- ER750/1 round duct 750 mm
- ERMS/1 installation set, round
- Sealing material is included in the scope of delivery in the case of moulded parts with a socket design**

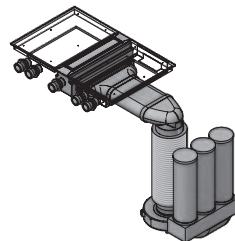
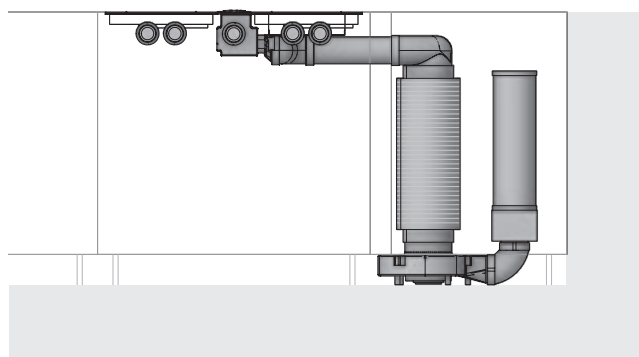
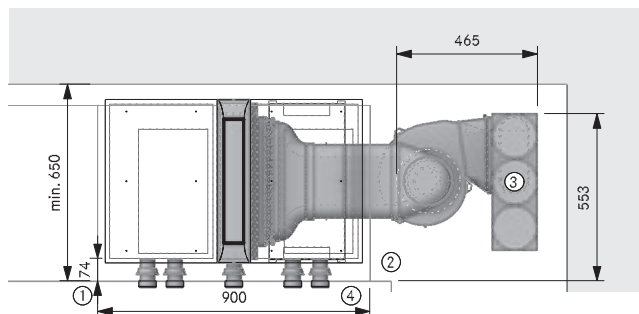
Model plans

BORA Professional 2.0

see more model plans at <https://partner.bora.com>

PKA straight – recirculation model for kitchen units

MP_1135 – with ULS plinth fan, USDR50 round silencer and ULB3 air cleaning box



Planning instructions

- At least 74 mm from front edge to cut-out
- Space requirements for technology
- The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm² free outflow area
- Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)

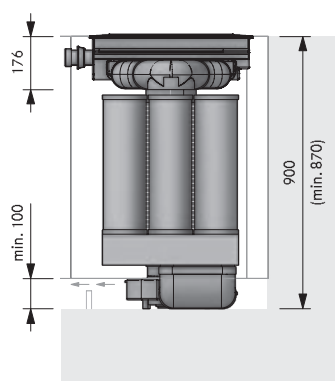
BORA product

- PKA Pro cooktop extractor
- ULS plinth fan EC
- PESDR Pro Ecotube set with USDR50
- ULB3 air cleaning box with 3 activated charcoal filters

BORA Ecotube product

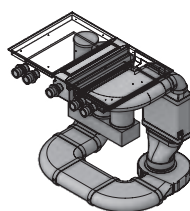
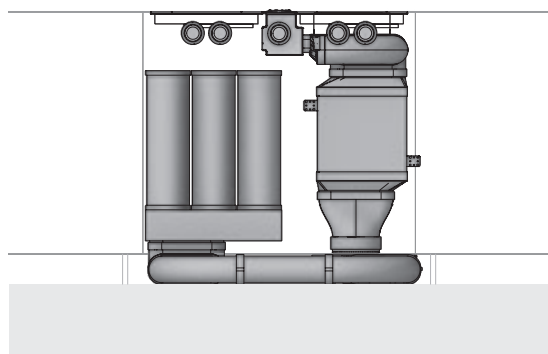
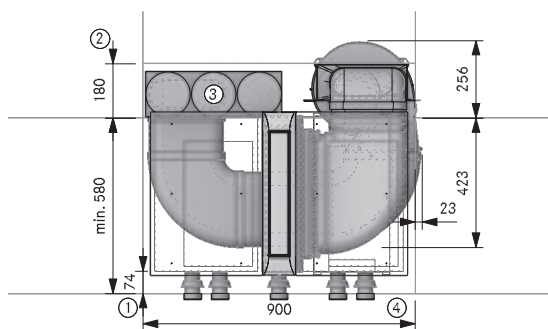
- EFBV90/1 90° bend, shallow vertical

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



PKA 90° – recirculation model for kitchen islands

MP_1127 – with ULS plinth fan, USDF shallow silencer and standing ULB3 air cleaning box



Planning instructions

- At least 74 mm from front edge to cut-out
- Space requirements for technology
- The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm² free outflow area
- Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)

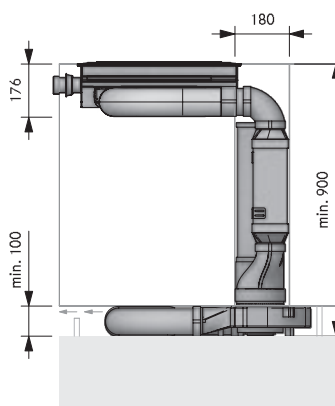
BORA product

- PKA Pro cooktop extractor
- PESDF Pro Ecotube set with USDF
- ULB3 air cleaning box with 3 activated charcoal filters
- ULS plinth fan EC

BORA Ecotube product

- EFBH90/1 90° bend, shallow horizontal
- EFBV90/1 90° bend, shallow vertical
- EF750/1 shallow duct 750 mm

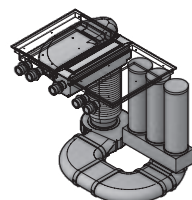
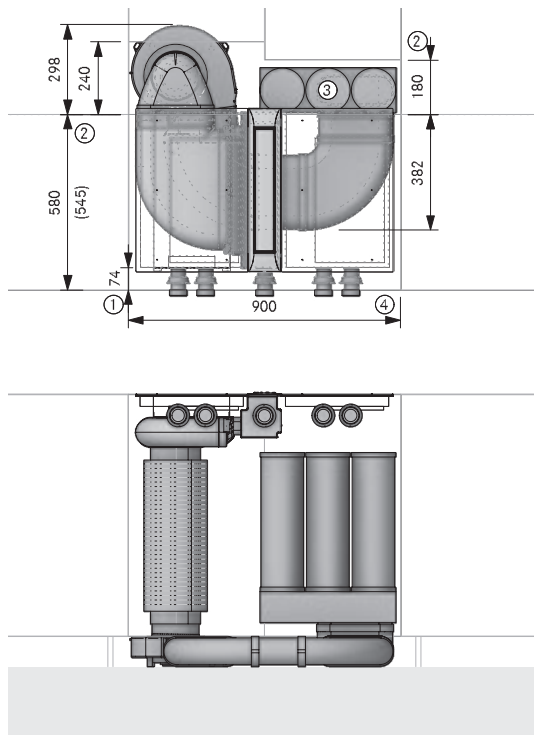
Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



Installation may only be carried out in accordance with the applicable standards, regulations and laws.

PKA 90° – recirculation model for kitchen islands

MP_1161 – with ULS plinth fan, USDR50 round silencer and standing ULB3 air cleaning box



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm² free outflow area
- ④ Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)

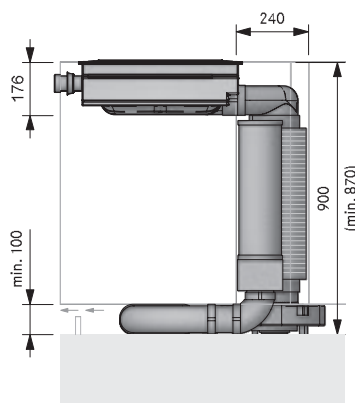
BORA product

- 1 PKA Pro cooktop extractor
- 1 PESDR Pro Ecotube set with USDR50
- 1 ULB3 air cleaning box with 3 activated charcoal filters
- 1 ULS plinth fan EC

BORA Ecotube product

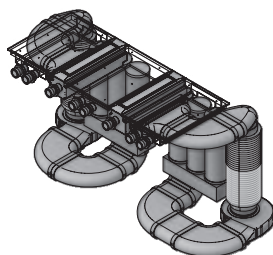
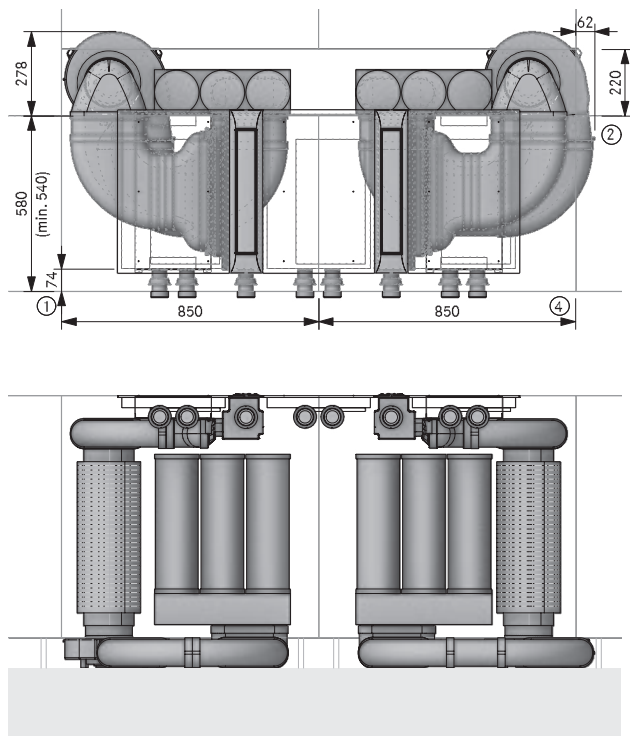
- 2 EFBH90/1 90° bend, shallow horizontal
- 1 EFBV90/1 90° bend, shallow vertical
- 1 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



PKA 90° – double recirculation model for kitchen islands

MP_1001 – with ULS plinth fan, USDR50 round silencer and standing ULB3 air cleaning box



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm² free outflow area
- ④ Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)

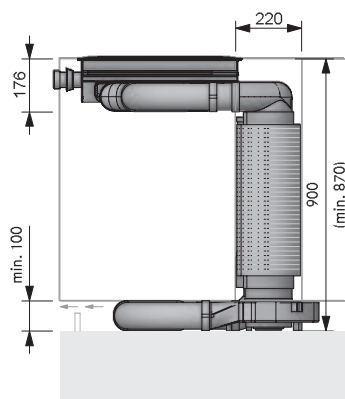
BORA product

- 2 PKA Pro cooktop extractor
- 2 PESDR Pro Ecotube set with USDR50
- 2 ULB3 air cleaning box with 3 activated charcoal filters
- 2 ULS plinth fan EC

BORA Ecotube product

- 6 EFBH90/1 90° bend, shallow horizontal
- 2 EFBV90/1 90° bend, shallow vertical
- 1 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



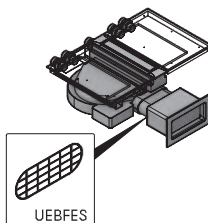
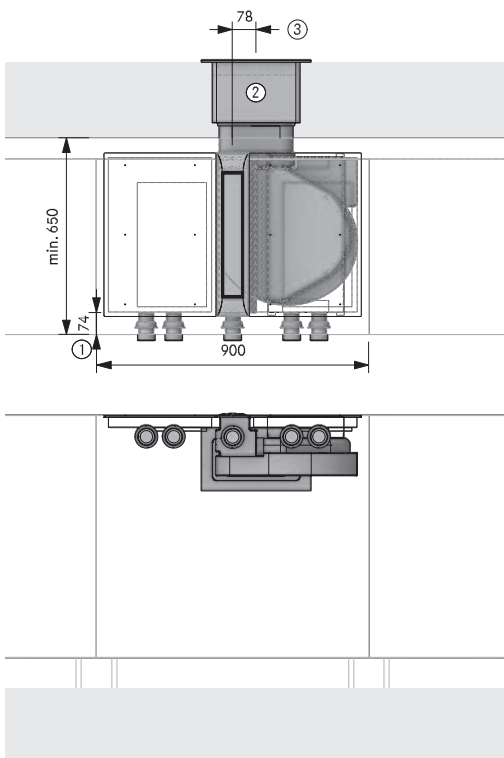
Model plans

BORA Professional 2.0

see more model plans at <https://partner.bora.com>

PKAS – exhaust air model for kitchen units

MP_1407 – with air flow towards the back



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Wall opening 310 x 155 mm, after lower edge until middle opening 71 mm, must be blown completely dry directly regardless of weather conditions
- ③ In the case of ducting ≤ 900 mm with no bend between the fan and wall sleeve, the UEBFES/UEBRES is required

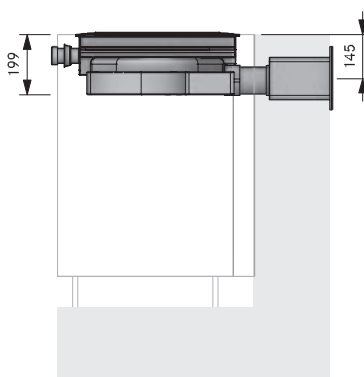
BORA product

- 1 PKAS Pro cooktop extractor system with integrated fan

BORA Ecotube product

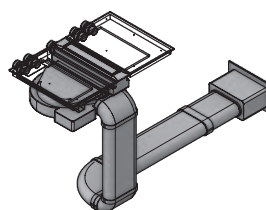
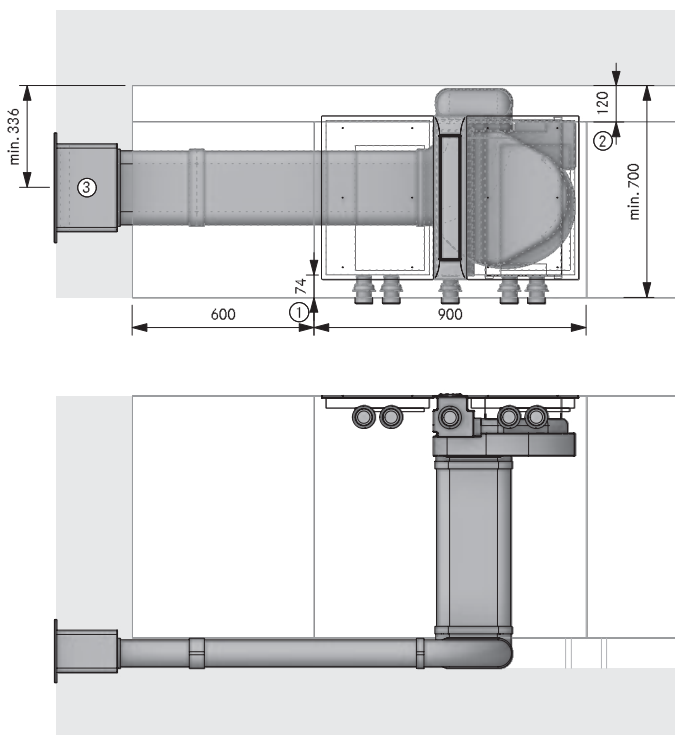
- 1 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 1 UEBFES/1 3box wall sleeve safety guard

1 EF750/1 shallow duct 750 mm
Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



PKAS – exhaust air model for kitchen units

MP_1116 – with airflow towards the left in the plinth



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Wall opening 310 x 155 mm 71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

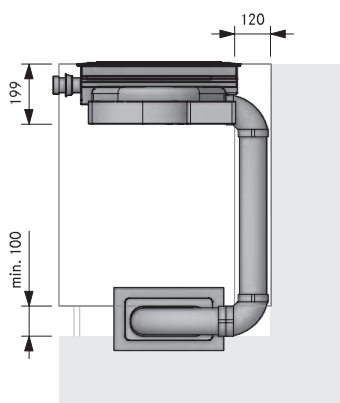
BORA product

- 1 PKAS Pro cooktop extractor system with integrated fan

BORA Ecotube product

- 1 EFBH90/1 90° bend, shallow horizontal
- 2 EFBV90/1 90° bend, shallow vertical
- 1 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 3 EF750/1 shallow duct 750 mm

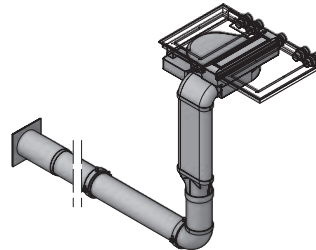
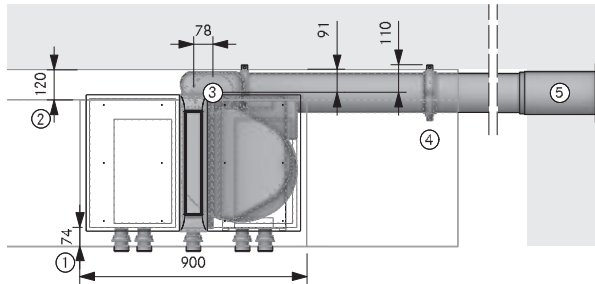
Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



Installation may only be carried out in accordance with the applicable standards, regulations and laws.

PKAS – exhaust air model for kitchen units

MP_1316 – with airflow towards the right in the basement



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Core bore hole at least Ø 180 mm
- ④ One mounting bracket set per Ecotube product with moulded coupling
- ⑤ Core bore hole at least Ø 180 mm. Must expel air in a straight line regardless of the weather conditions

BORA product

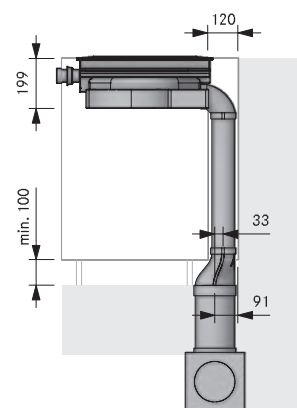
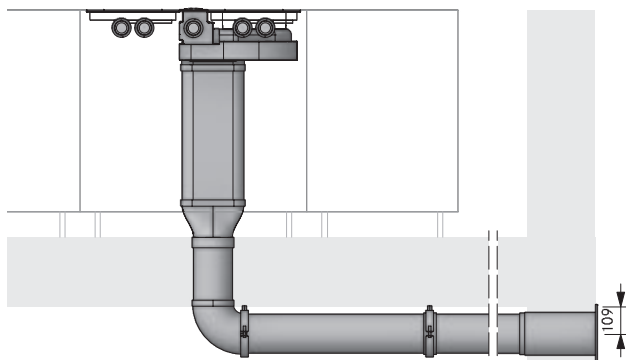
- 1 PKAS Pro cooktop extractor system with integrated fan

BORA Ecotube product

- 1 EFBV90/1 90° bend, shallow vertical
- 1 EFRG/1 transition, shallow round straight
- 1 UEBR/1 3box wall sleeve, round
- 1 ERB90/1 90° bend, round
- 1 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

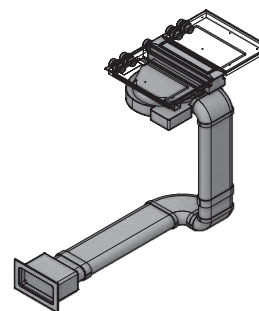
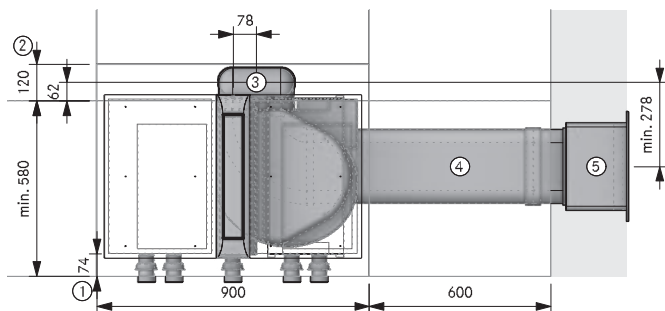
BORA Ecotube product according to requirements

- ERV/1 duct connection, round
 - ERMS/1 installation set, round
 - ER750/1 round duct 750 mm
- Sealing material is included in the scope of delivery in the case of moulded parts with a socket design**



PKAS – exhaust air model for kitchen peninsulas

MP_1212 – with airflow towards the right in floor installation



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Ecotube connection point
- ④ Fitted in floor installation according to DIN 18560-2 (fully integrated in the levelling layer). If the structure deviates from DIN 18560-2, reinforced screed must be provided for
- ⑤ Wall opening 310 x 155 mm 71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

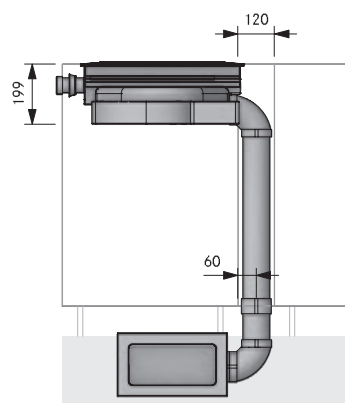
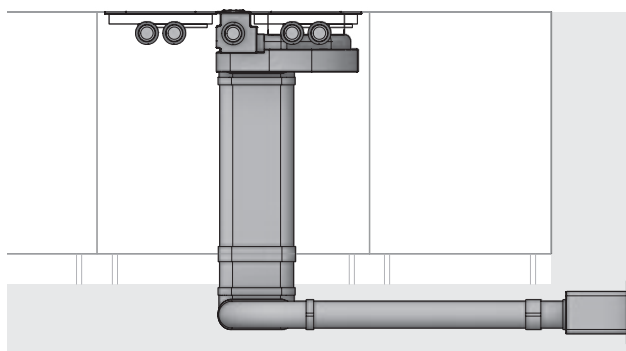
BORA product

- 1 PKAS Pro cooktop extractor system with integrated fan

BORA Ecotube product

- 1 EFBH90/1 90° bend, shallow horizontal
- 2 EFBV90/1 90° bend, shallow vertical
- 1 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 2 EF750/1 shallow duct 750 mm
- 2 EFS750/1 shallow duct with partition 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



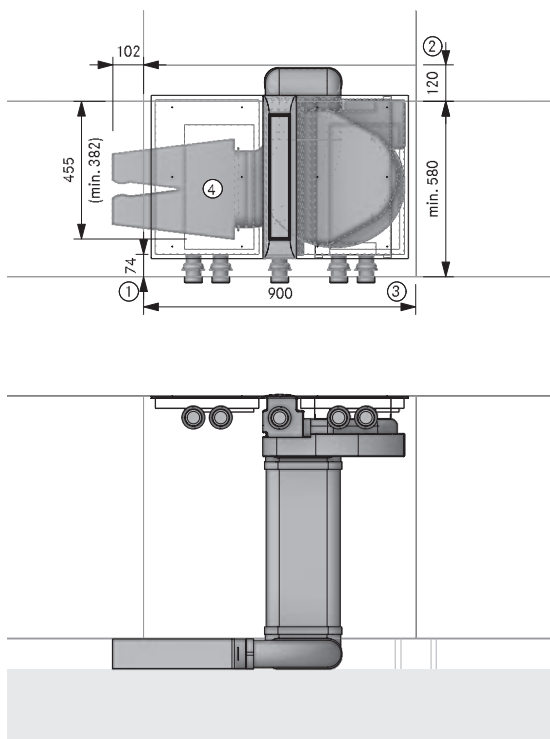
Model plans

BORA Professional 2.0

see more model plans at <https://partner.bora.com>

PKAS – recirculation model for kitchen islands

MP_1108 – with ULBF air cleaning box in plinth



Planning instructions

- ① Minimum measurement 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)
- ④ The air cleaning box must be accessible. Optimum filter performance thanks to the 500 mm shallow duct in front of the filter

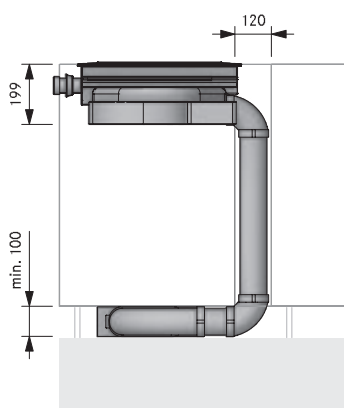
BORA product

- 1 PKAS Pro cooktop extractor system with integrated fan
- 1 ULBF air cleaning box, flexible

BORA Ecotube product

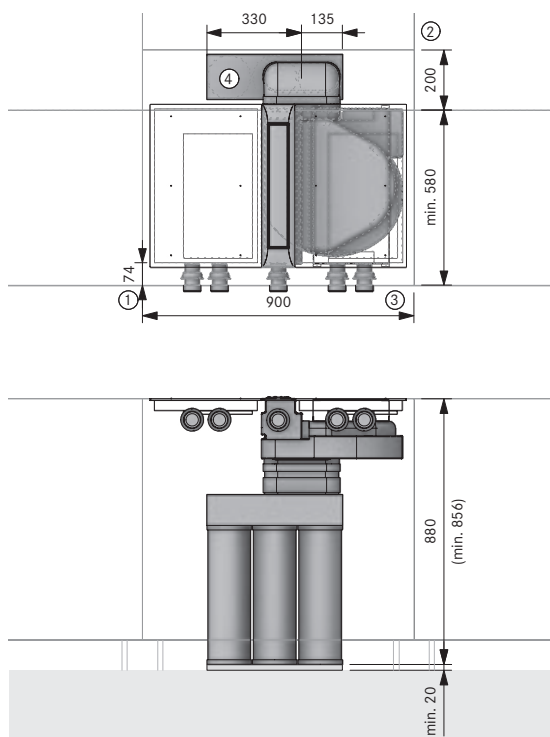
- 1 EFBH90/1 90° bend, shallow horizontal
- 2 EFBV90/1 90° bend, shallow vertical
- 1 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



PKAS – recirculation model for kitchen islands

MP_1159 – with ULB3 air cleaning box, hanging down



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)
- ④ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm² free outflow area

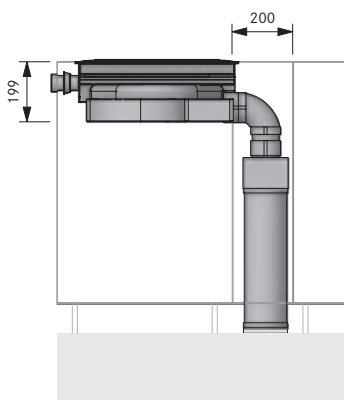
BORA product

- 1 PKAS Pro cooktop extractor system with integrated fan
- 1 ULB3 air cleaning box with 3 activated charcoal filters

BORA Ecotube product

- 1 EFBV90/1 90° bend, shallow vertical
- 2 EFV/1 duct connection, shallow
- 1 EF750/1 shallow duct 750 mm

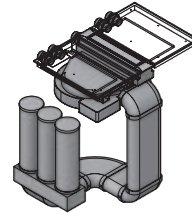
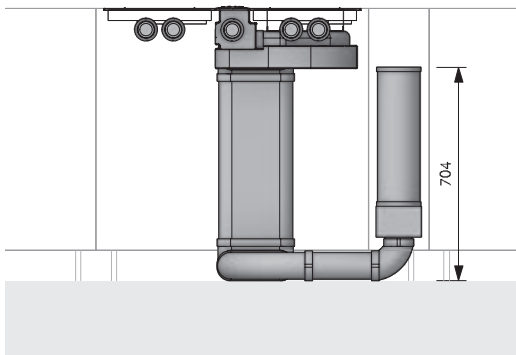
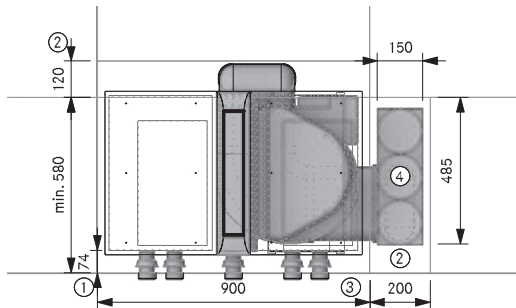
Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



Installation may only be carried out in accordance with the applicable standards, regulations and laws.

PKAS – recirculation model for kitchen islands

MP_1425 – with ULB3 air cleaning box, standing to the side



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)
- ④ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm² free outflow area

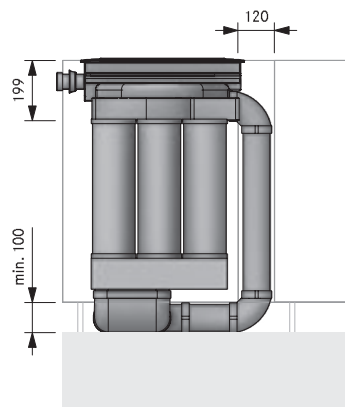
BORA product

- 1 PKAS Pro cooktop extractor system with integrated fan
- 1 ULB3 air cleaning box with 3 activated charcoal filters

BORA Ecotube product

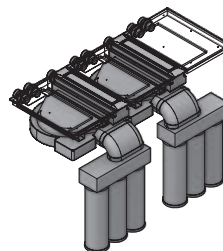
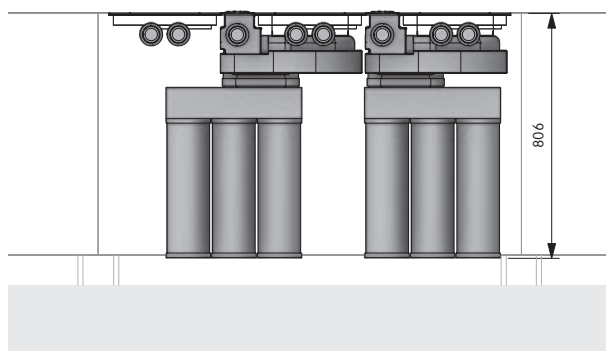
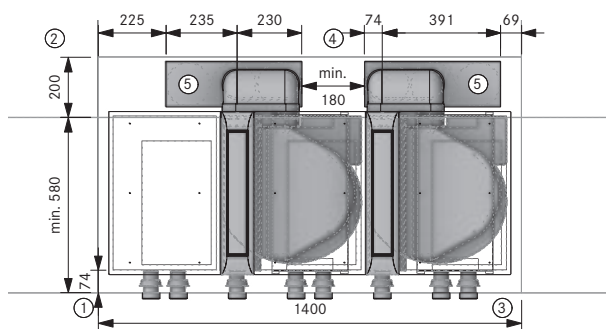
- 3 EFBV90/1 90° bend, shallow vertical
- 1 EFBH90/1 90° bend, shallow horizontal
- 2 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



PKAS – double recirculation model for kitchen islands

MP_1134 – with ULB3 air cleaning box, hanging



Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)
- ④ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm² free outflow area
- ⑤ Ensure that the structure is stable when fitting ULB3 in a hanging position (min. load-bearing capacity 11.5 kg)

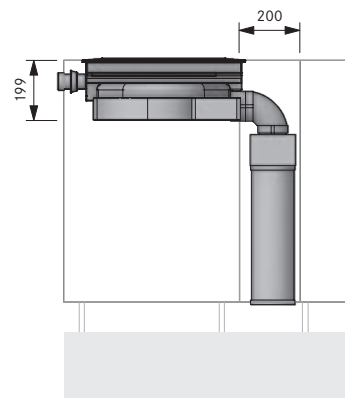
BORA product

- 2 PKAS Pro cooktop extractor system with integrated fan
- 2 ULB3 air cleaning box with 3 activated charcoal filters

BORA Ecotube product

- 2 EFBV90/1 90° bend, shallow vertical
- 2 EFV/1 duct connection, shallow
- 1 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



BORA Classic 2.0

Highlights

Minimalistic design

The cooktop and extractor are ideal for flush installation. The perfect lines allow them to blend in discreetly and elegantly with any modern kitchen design. When on standby, the operating panel is virtually invisible and during operation it is scaled down to the essentials thanks to intelligent lighting.

Minimum volume

Always extremely quiet – even on high power levels: this is due to optimum airflow and the use of an extremely quiet fan in the kitchen plinth area. So it won't distract you from your cooking and your conversations won't be disturbed.

Integrated grease drip pan

If anything is spilt during cooking, the integrated drip tray safely catches both solids and liquids.

Oversized surface induction cooking zones

Particularly large surface induction cooking zones enable you to consistently warm even very large pots or roasters through.

Automatic extractor control

The extractor power level automatically adjusts itself according to current cooking conditions. There's no need for constant manual adjustment, which means you can focus fully on your cooking.

Intuitive sControl+ control

The unique operating panel is simpler than ever: it works intuitively with a swipe of your index finger up or down in the smooth hollow or a tap with your fingertip. All important functions can be accessed with a single touch.

Simple cleaning

All parts that come into contact with cooking vapours can be easily removed through the accessible, wide inlet opening. They can then be cleaned in the dishwasher, where they take up very little space.

Oversized 4 24 cooking surface

Thanks to the central operating panel by the extractor, no space is taken up by controls on the cooktop and there is room to cook with 4 pots measuring up to 24cm at the same time.

Modular system

BORA offers a wide range of cooktops, from surface induction to gas cooktops or Tepan stainless steel grills, which can be freely combined with the extraction system. Combinations with one, three or more cooktops are also easily achievable.

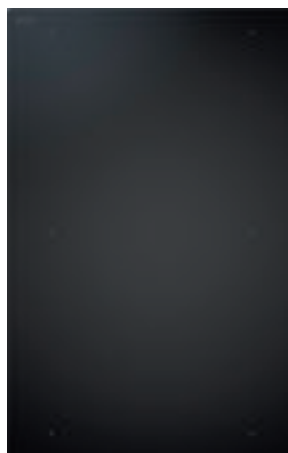
Accurate temperature control

The Tepan stainless steel grill offers top performance, 2 large grill areas and unique, precise temperature control. The required temperature can be set directly and is accurately displayed and maintained. Rapid heating to 250°C in under 5 minutes saves time and energy.



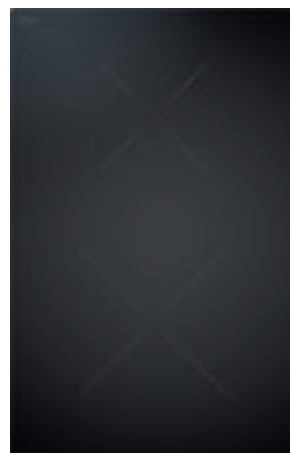
CKA2

BORA Classic cooktop extractor



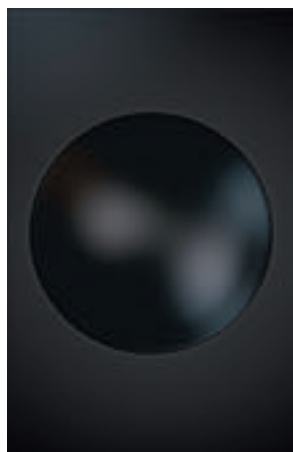
CKFI

BORA Classic surface induction glass ceramic cooktop with 2 cooking zones



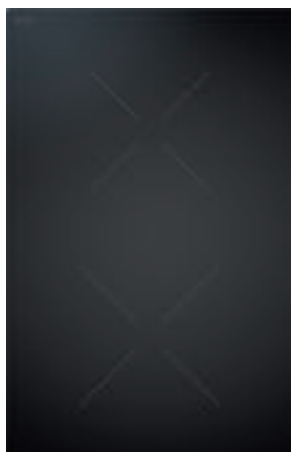
CKI

BORA Classic induction glass ceramic cooktop with 2 cooking zones



CKIW

BORA Classic induction glass ceramic wok



CKCH

BORA Classic Hyper glass ceramic cooktop with 2 cooking zones 1-ring/2-rings



CKCB

BORA Classic HiLight glass ceramic cooktop with 2 cooking zones 1-ring/2-ring/roaster



CKG

BORA Classic gas glass ceramic cooktop with 2 cooking zones



CKT

BORA Classic Tepan stainless steel grill with 2 cooking zones



CER

BORA Classic inlay-frame



USL515

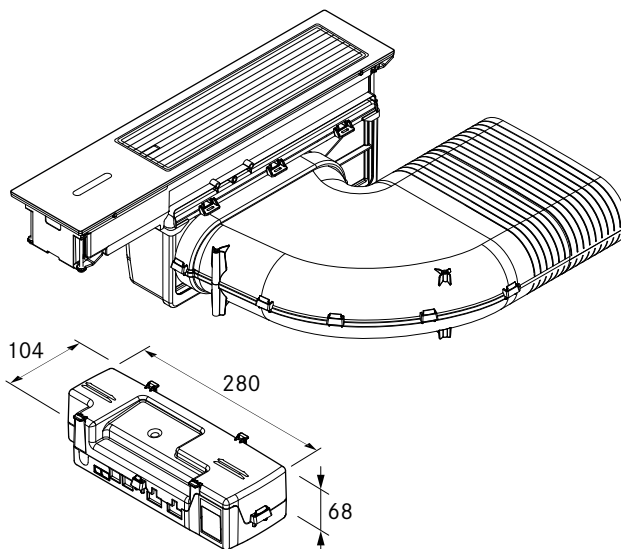
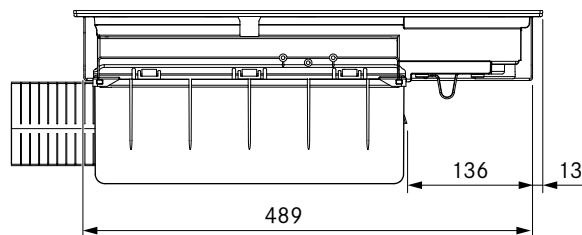
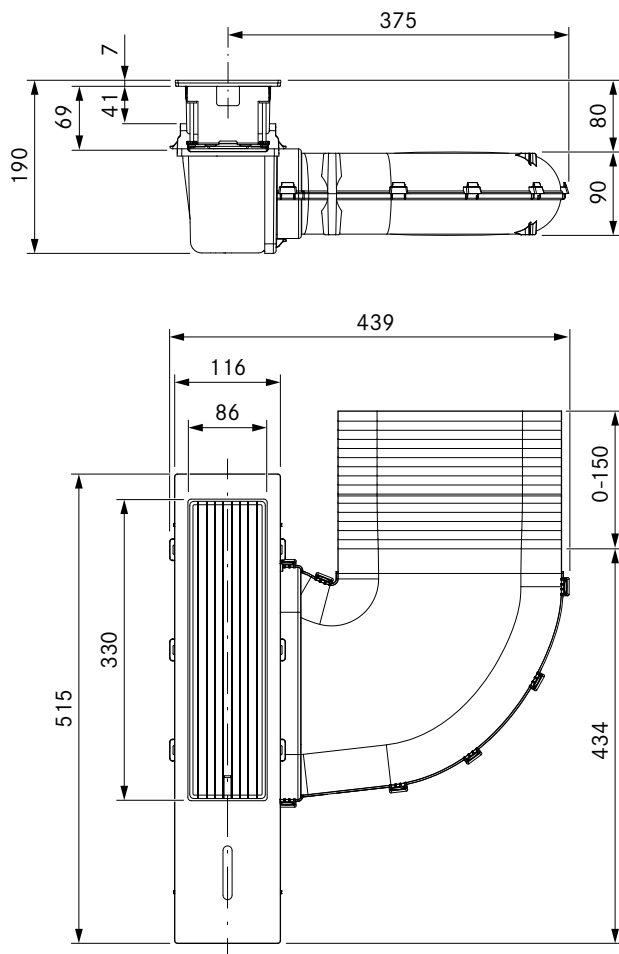
BORA side frame for cooktop depth 515mm

USL515AB

BORA side frame for cooktop depth 515mm All Black

CKA2

BORA Classic cooktop extractor



technical data

| | |
|--------------------------------------|----------------------------------|
| Supply voltage | 220 - 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 550 W |
| Power supply cable length | 1 m (F, G, J, I) |
| Dimensions (WxDxH) | 439 x 515 x 190 mm |
| Weight (incl. accessories/packaging) | 7,35 kg |
| Surface material | Glass SSG/stainless steel 1.4301 |
| Cooktop extractor power levels | 1 - 5, P |
| duct connection | BORA Ecotube |

Product description

- Minimalistic design
- Intuitive sControl+ control
- direct function selection
- Minimum volume
- Simple cleaning
- Cleaning lock
- Integrated grease drip pan
- Genuine stainless steel grease filter
- Compact size
- Automatic extractor control

Scope of delivery

- BORA Classic cooktop extractor CKA2
- BORA Classic air inlet nozzle
- BORA Classic grease filter unit incl. grease filter tray
- BORA Classic control unit
- height adjustment plate set
- Communication cable CAT 5 (3 m)
- Country-specific power supply cable (1 m)
- Ferrite sleeve
- Installation instruction Classic 2.0
- Instruction manual Classic 2.0

Accessories

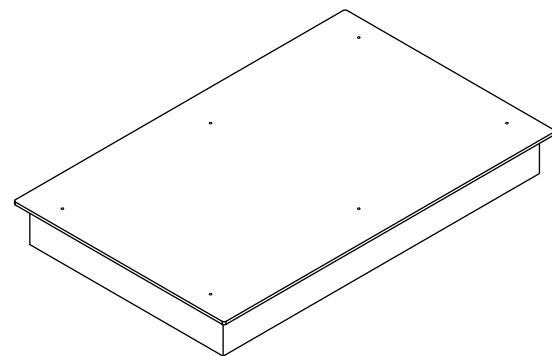
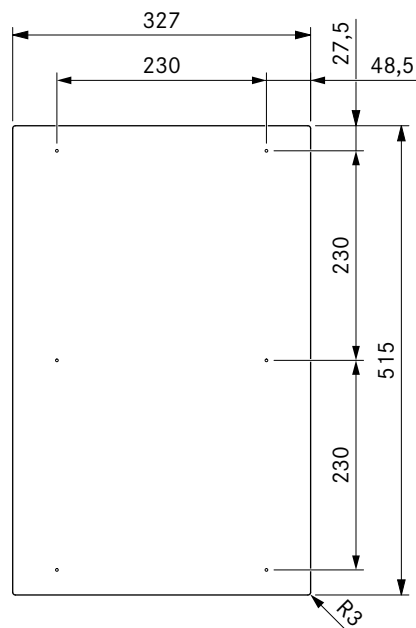
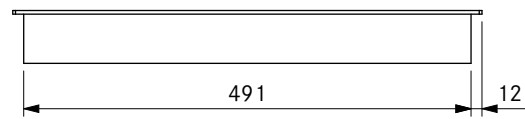
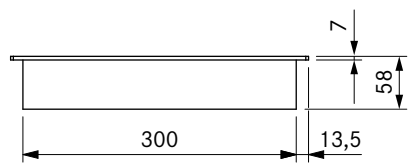
- BORA Classic air inlet nozzle CKAED
- BORA Classic grease filter unit incl. grease filter tray CKAFFE
- BORA Classic inlay-frame CER

product- and planning instructions

- The cooktop extractor CKA2 is the central component and it contains the complete electronic controls for the overall BORA Classic 2.0 system. Operating the system or the individual components is not possible without the cooktop extractor.
- The BORA Classic 2.0 system is controlled using the operating panel of the cooktop extractor CKA2.
- Can be combined with all BORA Classic 2.0 cooktops
- The worktop height and depth can be flexibly adjusted
- Installation type: flush or surface-mounted
- Possible exhaust ducting to the right and to the left
- Fan can be positioned in the plinth area as a result of the low installation height (100 mm) (when using the ULS plinth fan only)
- The Classic 2.0 control unit as a central connection point can be simply and compactly positioned in the plinth area
- Connection between touch control and the Classic 2.0 control unit via a CAT 5 communication cable
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- The BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- Use of an additional fan module is possible for very long or complex exhaust air channels
- The Classic 2.0 cooktop extractor system can be combined with all BORA sockets

CKFI

BORA Classic surface induction glass ceramic cooktop with 2 cooking zones



technical data

| | |
|-----------------------------------------|-------------------|
| Supply voltage | 220 - 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 3.68 kW |
| Maximum power rating | 3.68 kW |
| Minimum fuse protection | 1 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 327 x 515 x 58 mm |
| Weight (incl. accessories/packaging) | 7.9 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 - 9, P |
| Size of front cooking zone | 230 x 230 mm |
| Size of rear cooking zone | 230 x 230 mm |
| Front cooking zone output | 2100 W |
| Rear cooking zone output | 2100 W |
| Front cooking zone power setting output | 3680 W |
| Rear cooking zone power setting output | 3680 W |

Product description

- Oversized 4 24 cooking surface
- Oversized surface induction cooking zones
- Variable heat retention function
- childproofing feature
- bridging function
- Cooking zone timers
- Timer
- Pause function
- Demo mode
- automatic heat up function

Scope of delivery

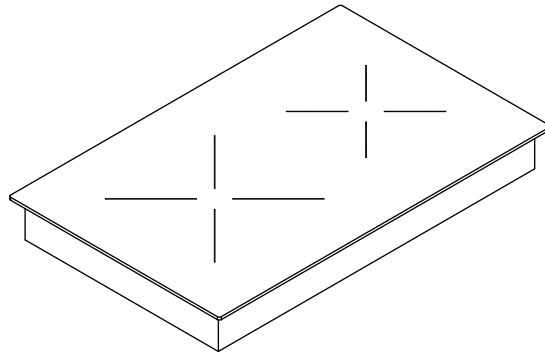
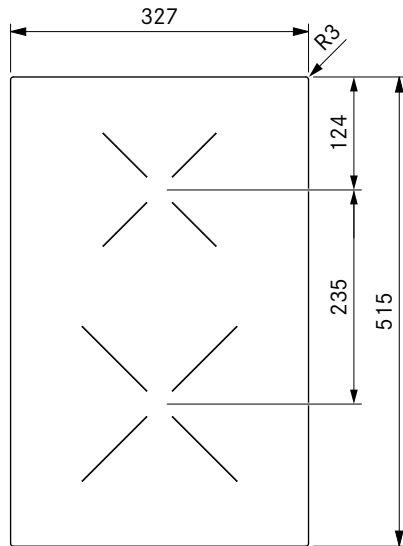
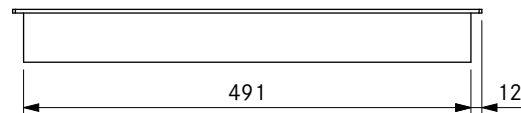
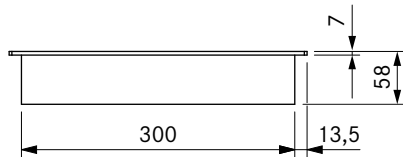
- Surface induction glass ceramic cooktop CKFI
- glass ceramic scraper
- mounting straps
- height adjustment plate set

product- and planning instructions

- Please note that induction-compatible cookware must be used on induction cooktops
- Ensure sufficient ventilation of the area below the cooktop.

CKI

BORA Classic induction glass ceramic cooktop with 2 cooking zones



technical data

| | |
|-----------------------------------------|-------------------|
| Supply voltage | 220 – 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 3.68 kW |
| Maximum power rating | 3.68 kW |
| Minimum fuse protection | 1 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 327 x 515 x 58 mm |
| Weight (incl. accessories/packaging) | 7.6 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 – 9, P |
| Size of front cooking zone | Ø 230 mm |
| Size of rear cooking zone | Ø 165 mm |
| Front cooking zone output | 2300 W |
| Rear cooking zone output | 1400 W |
| Front cooking zone power setting output | 3680 W |
| Rear cooking zone power setting output | 2200 W |

Product description

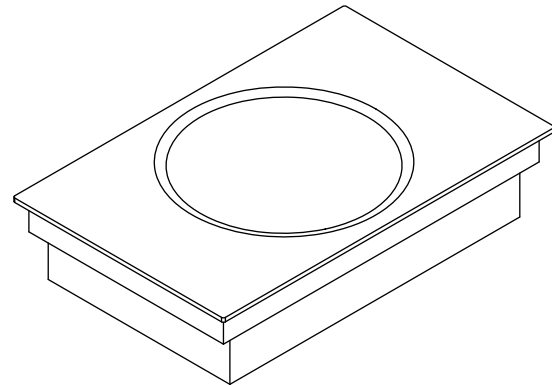
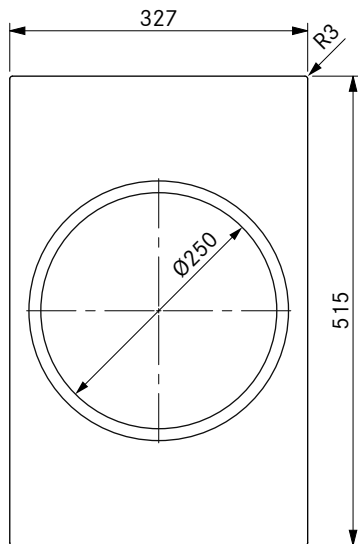
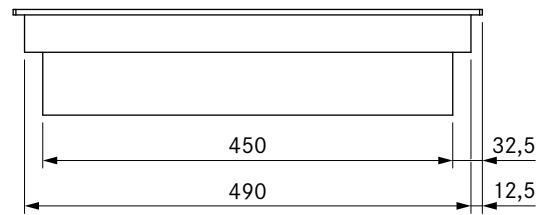
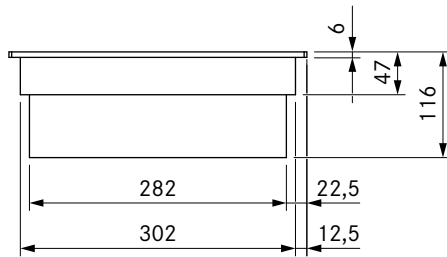
- Oversized 4 24 cooking surface
- Variable heat retention function
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- Demo mode
- automatic heat up function
- pan size recognition
- residual heat display

Scope of delivery

- Induction glass ceramic cooktop CKI
- glass ceramic scraper
- mounting straps
- height adjustment plate set

product- and planning instructions

- Please note that induction-compatible cookware must be used on induction cooktops
- Ensure sufficient ventilation of the area below the cooktop.



technical data

| | |
|--------------------------------------|--------------------|
| Supply voltage | 220 – 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 3.0 kW |
| Maximum power rating | 3.0 kW |
| Minimum fuse protection | 1 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 327 x 515 x 116 mm |
| Weight (incl. accessories/packaging) | 9.8 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 – 9, P |
| Size of cooking zone | Ø 250 mm |
| Cooking zone output | 2400 W |
| Cooking zone power setting output | 3000 W |

Product description

- Variable heat retention function
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- Demo mode
- automatic heat up function
- pan size recognition
- residual heat display
- Increased resistance against breakage

Scope of delivery

- Induction glass ceramic wok CKIW
- glass ceramic scraper
- mounting straps
- height adjustment plate set

Accessories

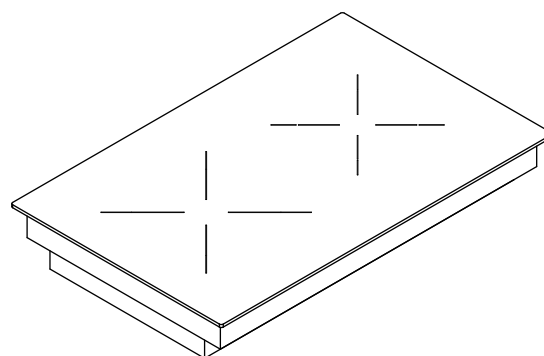
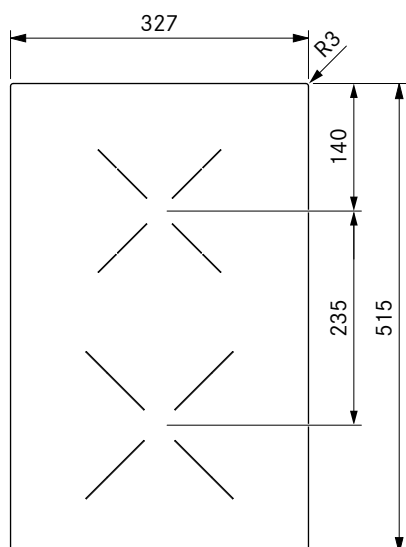
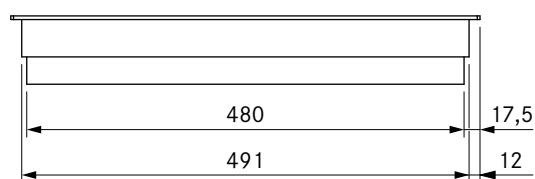
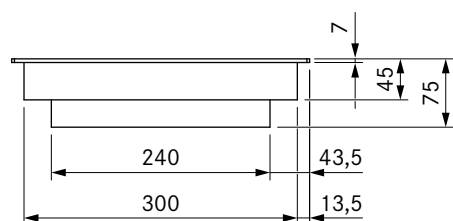
- HIW1 BORA induction wok

product- and planning instructions

- Due to the installation height of 116 mm, the appliance cannot be installed over the exhaust ducting.
- Ensure sufficient ventilation of the area below the cooktop.
- Glass ceramic mould: Diameter 250 mm
- Use a wok that loses its magnetic properties when the temperature rises (overheating protection). We recommend the use of the wok available from us

CKCH

BORA Classic Hyper glass ceramic cooktop with 2 cooking zones 1-ring/2-rings



technical data

| | |
|-----------------------------------------|---------------------------------|
| Supply voltage | 220 - 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 3.68 kW |
| Maximum power rating | 3.68 kW |
| Minimum fuse protection | 1 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 327 x 515 x 75 mm |
| Weight (incl. accessories/packaging) | 7.2 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 - 9, (switching 2-ring/Hyper) |
| Number of cooking zone circuits front | 1 |
| Number of cooking zone circuits rear | 2 |
| Size of front cooking zone | Ø 215 mm |
| Size of rear cooking zone | Ø 120/180 mm |
| Front cooking zone output | 2100 W |
| Rear cooking zone output | 600 W/1600 W |
| Front cooking zone power setting output | 3000 W |

Product description

- Free choice of cooktop
- 2-ring switching
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- Demo mode
- automatic heat up function
- Variable heat retention function
- residual heat display

Scope of delivery

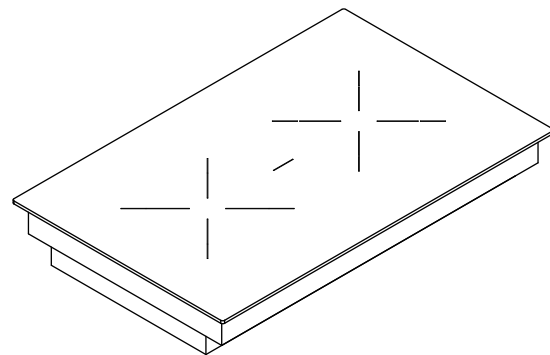
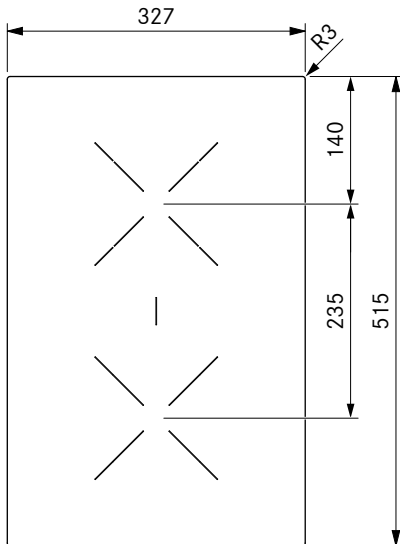
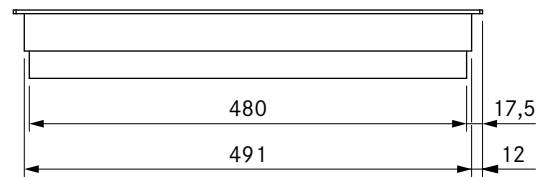
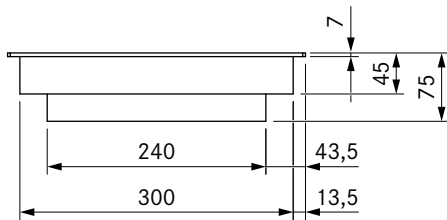
- Hyper glass ceramic cooktop CKCH
- glass ceramic scraper
- mounting straps
- height adjustment plate set

product- and planning instructions

- Ensure sufficient ventilation of the area below the cooktop.

CKCB

BORA Classic HiLight glass ceramic cooktop with 2 cooking zones 1-ring/2-ring/roaster



technical data

| | |
|---------------------------------------|--------------------------------------|
| Supply voltage | 220 - 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 3.68 kW |
| Maximum power rating | 3.68 kW |
| Minimum fuse protection | 1 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 327 x 515 x 75 mm |
| Weight (incl. accessories/packaging) | 7.4 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 - 9, (switching of 2-ring/roaster) |
| Number of cooking zone circuits front | 1 |
| Number of cooking zone circuits rear | 2 |
| Size of front cooking zone | Ø 180 mm |
| Size of rear cooking zone | Ø 120/180 mm |
| Size of cooking zone | Ø 180 x 410 mm |
| Front cooking zone output | 1600 W |
| Rear cooking zone output | 600 W/1600 W |
| Bridged cooking zone power | 3680 kW |

Product description

- Free choice of cooktop
- Oversized roaster
- Roaster switching
- 2-ring switching
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- Demo mode
- automatic heat up function

Scope of delivery

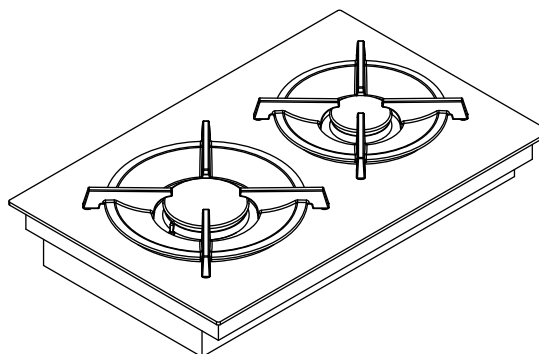
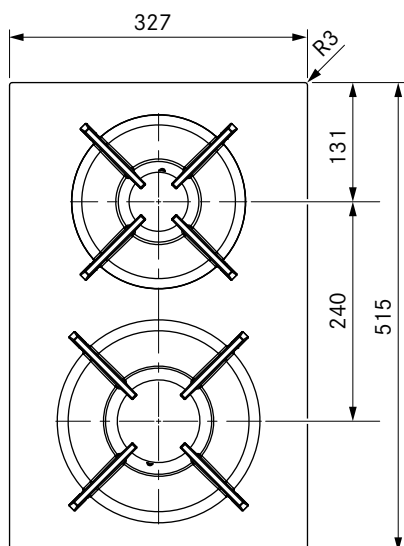
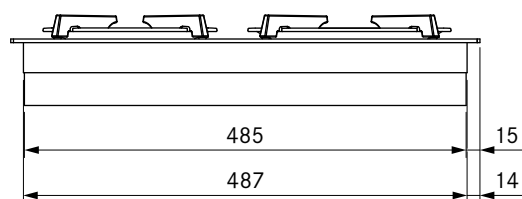
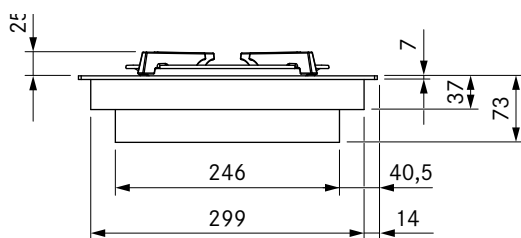
- HiLight glass ceramic cooktop CKCB
- glass ceramic scraper
- mounting straps
- height adjustment plate set

product- and planning instructions

- Ensure sufficient ventilation of the area below the cooktop.

CKG

BORA Classic gas glass ceramic cooktop with 2 cooking zones



technical data

| | |
|------------------------------------------|----------------------|
| Supply voltage | 220 – 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 5.0 kW |
| Maximum power rating | 20 W |
| Minimum fuse protection | 1 x 0.5 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 327 x 515 x 73 mm |
| Weight (incl. accessories/packaging) | 10.8 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop power levels | 1 – 9, P |
| Size of front cooking zone | Ø 240 mm |
| Size of rear cooking zone | Ø 200 mm |
| Front cooking zone output (power burner) | 800–3000 W |
| Rear cooking zone output (normal burner) | 550–2000 W |
| Size of front pan support | 270 x 270 x 25/50 mm |
| Size of rear pan support | 235 x 235 x 25/50 mm |

Product description

- Compact size
- Minimalistic design
- Modular system
- Oversized 4 24 cooking surface
- Sunken gas burners
- Variable heat retention function
- Automatic reignition
- Dishwasher-safe pan supports
- automatic heat up function
- Demo mode

Scope of delivery

- Gas glass ceramic cooktop CKG
- 2 x cast iron pan supports
- Nozzle set G20/20mbar natural gas
- Flexible gas connection tube, length 500 mm, 1/2" external thread
- glass ceramic scraper
- mounting straps
- height adjustment plate set

Accessories

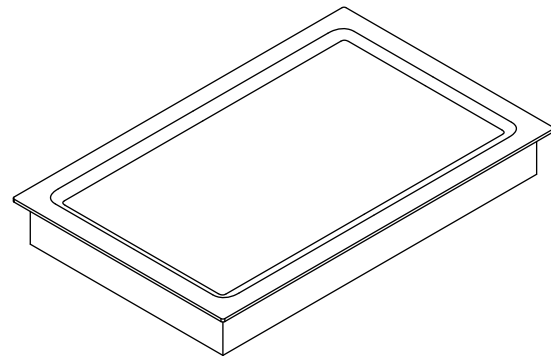
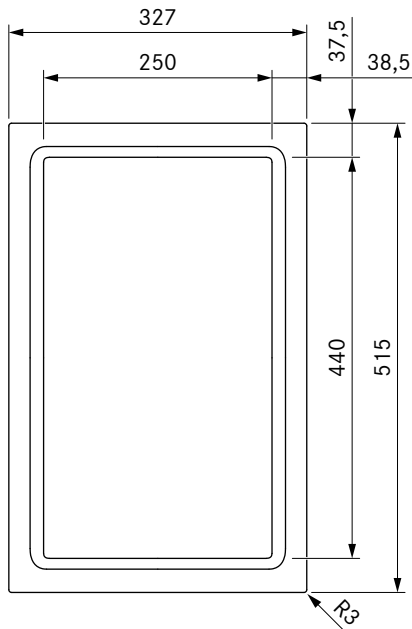
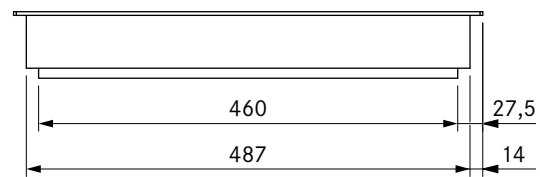
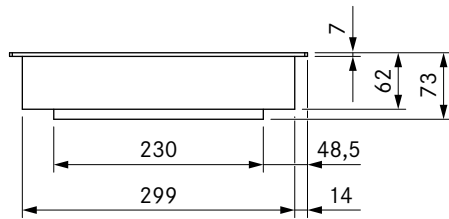
- BORA gas nozzle set natural gas G20/10 mbar PKGDS2010
- BORA gas nozzle set natural gas G20/13 mbar PKGDS2013
- BORA gas nozzle set natural gas G20/20 mbar PKGDS2020
- BORA gas nozzle set natural gas G25/20 mbar PKGDS2520
- BORA gas nozzle set natural gas G20/25 mbar PKGDS2025
- BORA gas nozzle set natural gas G25/25 mbar PKGDS2525
- BORA gas nozzle set liquid gas G30/G31 28-30/37 mbar PKGDS3028
- BORA gas nozzle set liquid gas G30/G31 50 mbar PKGDS3050
- BORA burner set PKGBS
- BORA pan support small PKGTK
- BORA pan support large PKGTG

product- and planning instructions

- Ensure sufficient air supply below the gas cooktop. Either over the front of the body (opening cross-section > 50 cm²) or over the plinth area (opening cross-section > 150 cm²)
- Provide a return flow aperture (opening cross-section > 1000 cm² per air cleaning unit) for recirculation in the plinth area
- Please note the local regulations and connection requirements applicable to gas cooktops
- Please take into account the special guidelines regarding the assembly and use of gas cooktop CKG (see operating and installation instructions)
- When operating a gas cooktop with a cooktop extractor, the gas flame can be affected (depending on the height of the power level on the cooktop extractor)
- The performance characteristics of the gas cooktop (e.g. heating times, efficiency, etc.) are affected by the cooktop extractor. The cooktop extractor also affects the heat input and distribution
- If the gas cooktop is used in a model with two cooktop extractors, it is to be installed at the side
- Minimum requirement for operating gas cooktop CKG: System software 03.00 (or higher)

CKT

BORA Classic Tepan stainless steel grill with 2 cooking zones



technical data

| | |
|------------------------------------------|---------------------------------|
| Supply voltage | 220 – 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 3.5 kW |
| Maximum power rating | 3.5 kW |
| Minimum fuse protection | 1 x 16 A |
| Power supply cable length | 1,5 m |
| Dimensions (WxDxH) | 327 x 515 x 73 mm |
| Weight (incl. accessories/packaging) | 13.6 kg |
| Surface material | Brushed stainless steel |
| Temperature control range (Power levels) | 150 – 230 °C, 250 °C (1 – 9, P) |
| Temperature control range | 70 – 250 °C |
| Size of front cooking zone | 250 x 220 mm |
| Size of rear cooking zone | 250 x 220 mm |
| Bridged cooking zone dimensions | 250 x 440 mm |
| Front cooking zone output | 1750 W |
| Rear cooking zone output | 1750 W |
| Bridged cooking zone power | 3500 W |

Product description

- Accurate temperature control
- Accurate temperature display
- Rapid heating
- Stainless steel grill area with two cooking zones
- Designed for optimum cleaning
- Cleaning function
- childproofing feature
- bridging function
- Timer
- Demo mode

Scope of delivery

- Tepan stainless steel grill CKT
- PTTS1 Tepan scraper
- mounting straps
- height adjustment plate set

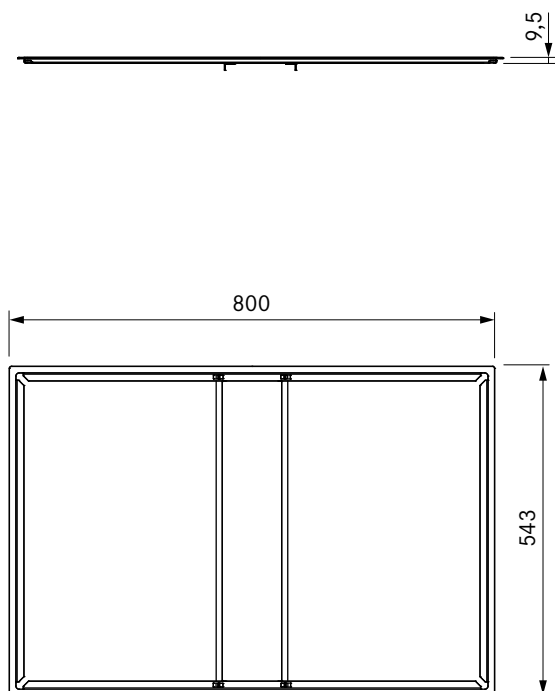
Accessories

- PTTS1 Tepan scraper

product- and planning instructions

- Ensure sufficient ventilation of the area below the cooktop.

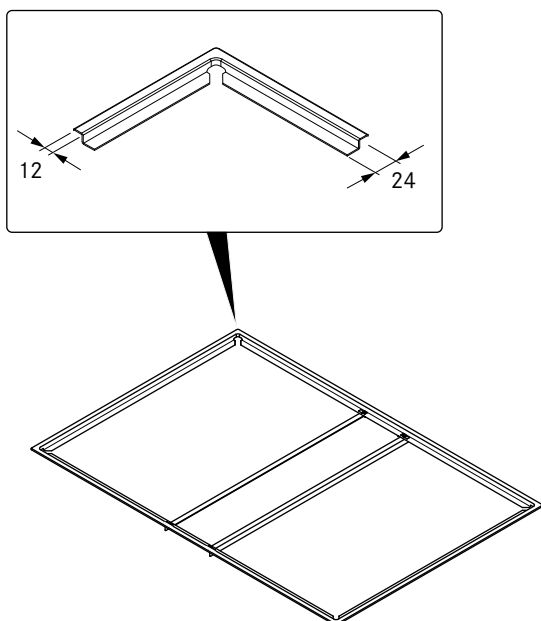
BORA Classic inlay-frame

**technical data**

| | |
|--------------------|-------------------------|
| Dimensions (WxDxH) | 800 x 543 x 9,5 mm |
| Material | Brushed stainless steel |

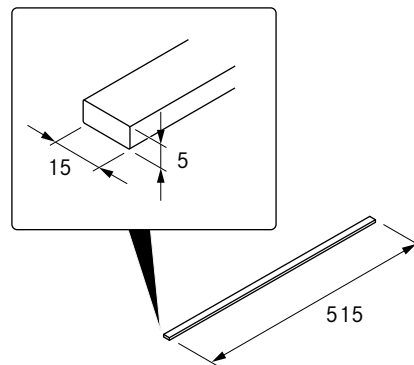
Product description

- Semi-flush installation
- matching accessories

**USL515 / USL515AB**

BORA side frame for cooktop depth 515mm

BORA side frame for cooktop depth 515mm All Black

**technical data**

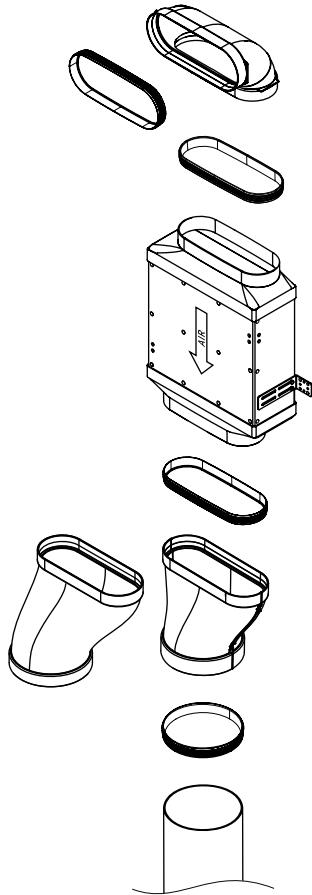
| | |
|--------------------|-------------------------|
| Dimensions (WxDxH) | 15 x 515 x 5 mm |
| Material | Brushed stainless steel |
| Glue setting time | 24 h |

Product description

- Protection of glass ceramics
- Simple installation
- High-quality material
- matching accessories

Scope of delivery

- 2 x side frame USL515 / USL515AB
- Cleaning cloth
- installation instructions

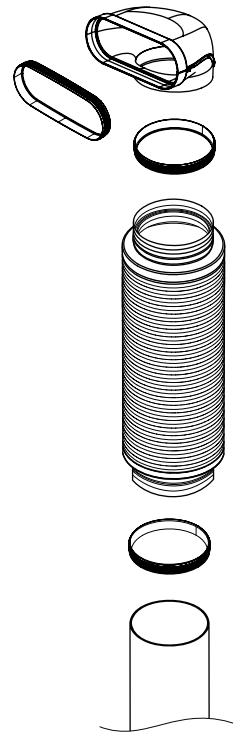


Product description

- Simple ordering
- 100% tight without additional taping
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x 90° bend shallow vertical EFBV90/1
- 1 x shallow silencer USDF
- 1 x transition flat round straight EFRG/1
- 1 x transition shallow round offset 110mm EFRV110/1
- 1 x round duct 750mm ER750/1
- 3 x flat seal EFD/1
- 1 x round seal ERD/1



Product description

- Simple ordering
- 100% tight without additional taping
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x 90° transition shallow round EFR90/1
- 1 x round silencer 500mm USDR50
- 1 x round duct 750mm ER750/1
- 1 x flat seal EFD/1
- 2 x round seal ERD/1

Energy efficiency

BORA Classic cooktop extractor CKA2

| Product description | | BORA Classic cooktop extractor CKA2 | |
|-----------------------------------------------------------------------|--|-------------------------------------|-------------|
| Operating mode | | Exhaust air | |
| Energy consumption | | Value | EN standard |
| Annual energy consumption (AEC _{hood}) | | 30,7 kWh/a | 61591 |
| Energy efficiency class | | A+ | 61591 |
| Flow volume | | | |
| Fluid dynamic efficiency (FDE _{hood}) | | 33,7 % | 61591 |
| Fluid dynamic efficiency class | | A | 61591 |
| Air flow level 1 minimum | | 225,2 m ³ /h | 61591 |
| Air flow level 5 maximum | | 520,9 m ³ /h | 61591 |
| Air flow power setting (Q _{Max}) | | 578,6 m ³ /h | 61591 |
| Lighting | | | |
| Lighting efficiency (LE _{hood}) | | * lx/Watt | * |
| Lighting efficiency class | | * | * |
| Grease filtering | | | |
| Level 5 maximum (GFE _{hood}) | | 96,5 % | 61591 |
| Class at maximum power level | | A | 61591 |
| Sound power level | | | |
| Level 1 minimum | | 41,6 dB(A) | 60704-2-13 |
| Level 5 maximum | | 62,1 dB(A) | 60704-2-13 |
| Power setting | | 63,8 dB(A) | 60704-2-13 |
| Sound pressure level (additional details) | | | |
| Level 1 minimum | | 28,9 dB(A) | ** |
| Level 5 maximum | | 49,4 dB(A) | ** |
| Power setting | | 51,1 dB(A) | ** |
| Details according to 66/2014 | | | |
| Power consumption in off mode (P _O) | | < 1 W | 61591 |
| Time increase factor | | 0,8 | 61591 |
| Energy efficiency index (EEI _{hood}) | | 42 | 61591 |
| Air volume flow at the best efficiency point (Q _{BEP}) | | 265,6 m ³ /h | 61591 |
| Pressure at the best efficiency point (P _{BEP}) | | 480 Pa | 61591 |
| Electric power input at the best efficiency point (W _{BEP}) | | 105,0 W | 61591 |

Information on the energy consumption label in accordance with Ordinance (EU) no. 65/2014 or 66/2014.

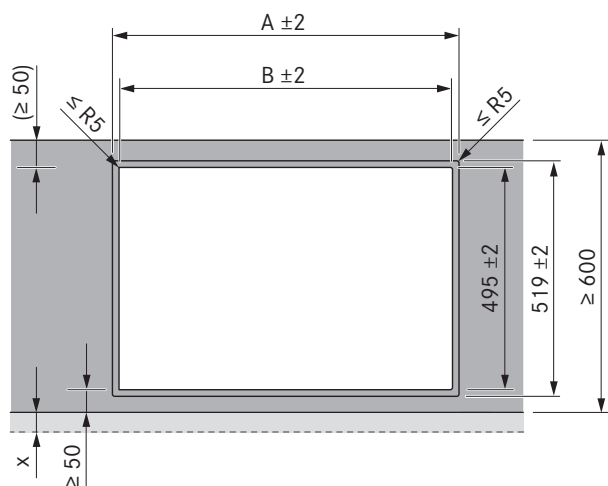
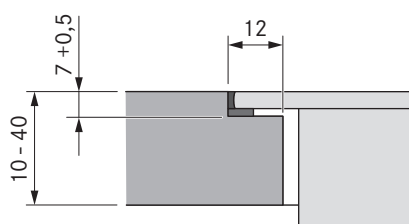
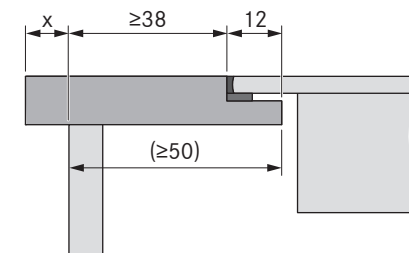
* This specification is not applicable for this product.

** The sound pressure level has been determined from a distance of 1 m (distance-dependent level recording) on the basis of the sound power level established in EN 60704 - 2 - 13.

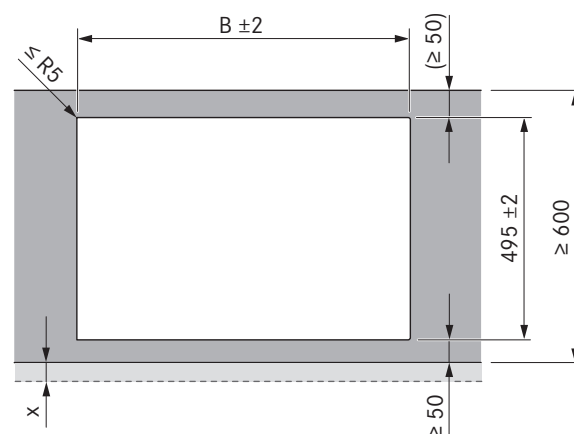
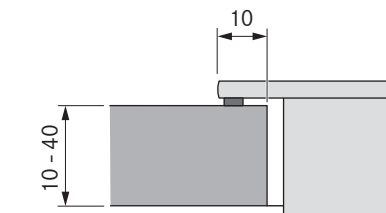
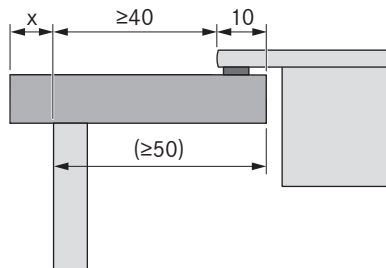
Cut-out dimensions

BORA Classic 2.0

Flush installation



Surface mounting



| Cooktops/cooktop extractor | | A in mm | B in mm |
|----------------------------|-----|---------|---------|
| | 1/1 | 448 | 424 |
| | 2/1 | 776 | 752 |
| | 3/2 | 1221 | 1197 |
| | 4/2 | 1549 | 1525 |

| Cooktops/cooktop extractor | | B in mm |
|----------------------------|-----|---------|
| | 1/1 | 424 |
| | 2/1 | 752 |
| | 3/2 | 1197 |
| | 4/2 | 1525 |

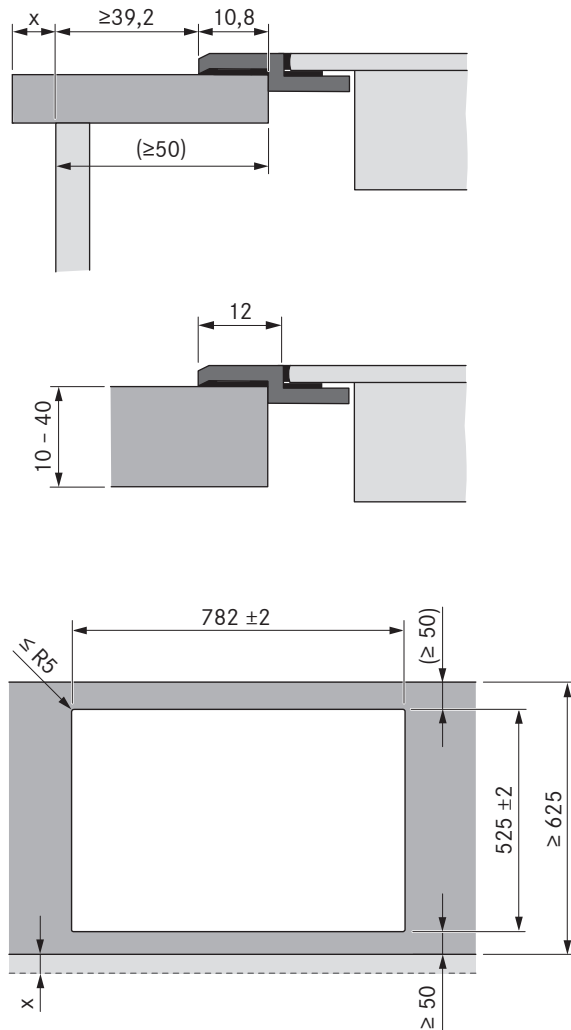
Important planning instructions:

- All dimensions from the front edge of the front cover.
- Cut-out dimensions tolerance ± 2 mm.
- Clearance of 1 mm should be planned between the built-in appliances.
- Clearance of 2 mm should be planned around the built-in appliances.
- Please note the worktop manufacturer's instructions with regard to the suitability of the worktop. Worktop cut-outs must be moisture-sealed using suitable means or, where necessary, fitted with a thermal insulator (e.g. in the case of Corian or HiMacs worktops).

Cut-out dimensions

BORA Classic 2.0

Installation with inlay frame



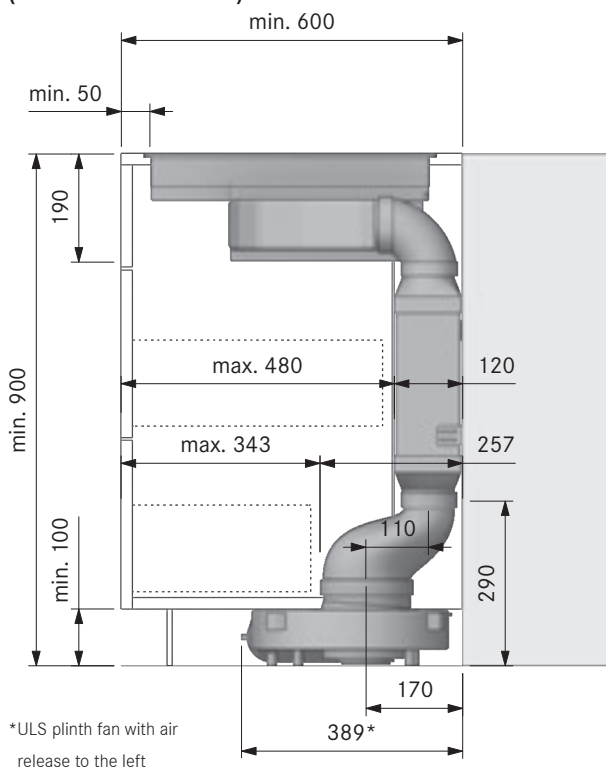
Important planning instructions:

- All dimensions from the front edge of the front cover.
- Cut-out dimensions tolerance ± 2 mm.
- Clearance of 1 mm should be planned between the built-in appliances.
- Clearance of 1,5 mm should be planned around the built-in appliances.
- Please note the worktop manufacturer's instructions with regard to the suitability of the worktop. Worktop cut-outs must be moisture-sealed using suitable means or, where necessary, fitted with a thermal insulator (e.g. in the case of Corian or HiMacs worktops).

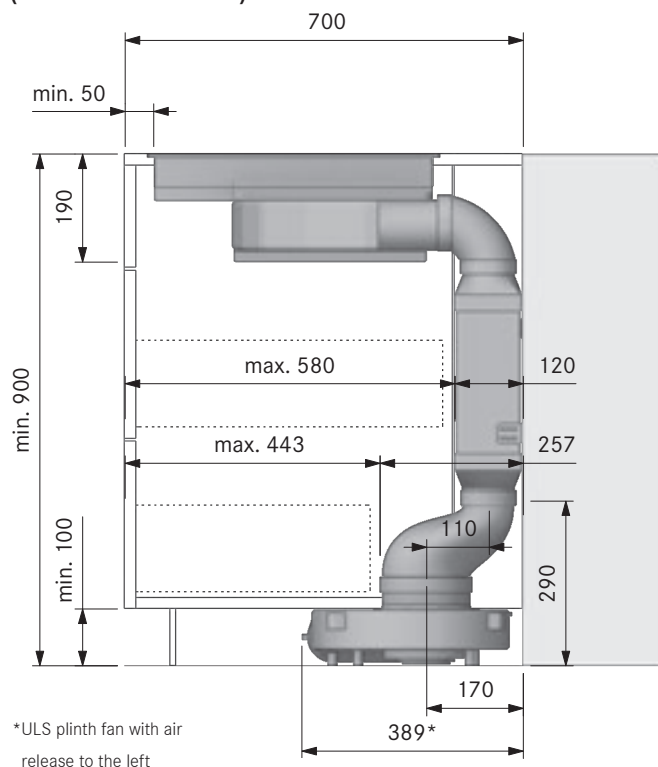
Installation cut-outs

BORA Classic 2.0

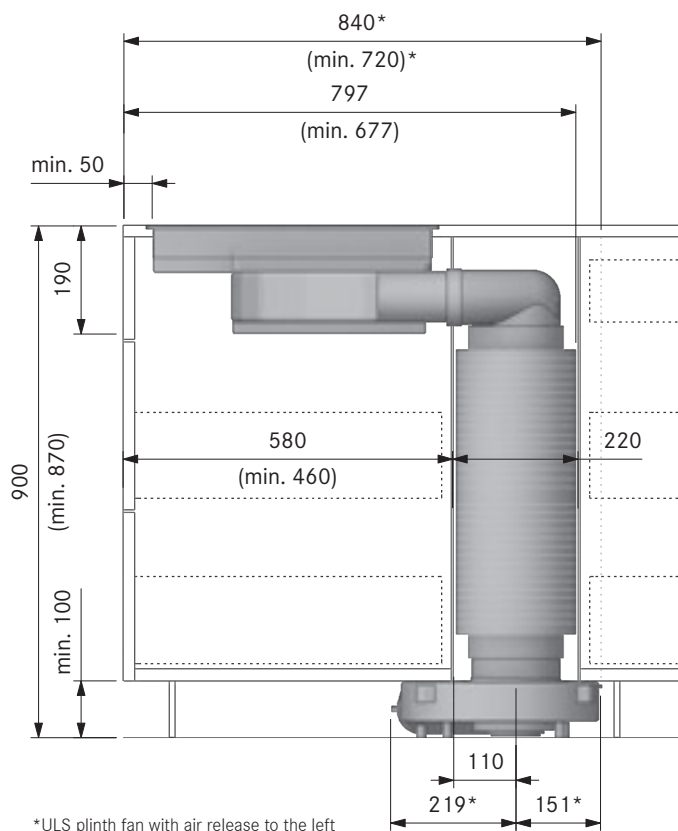
Installation cut-out CKA2 with shallow silencer USDF + transition, flat round offset EFRV110/1 (kitchen counter 600):



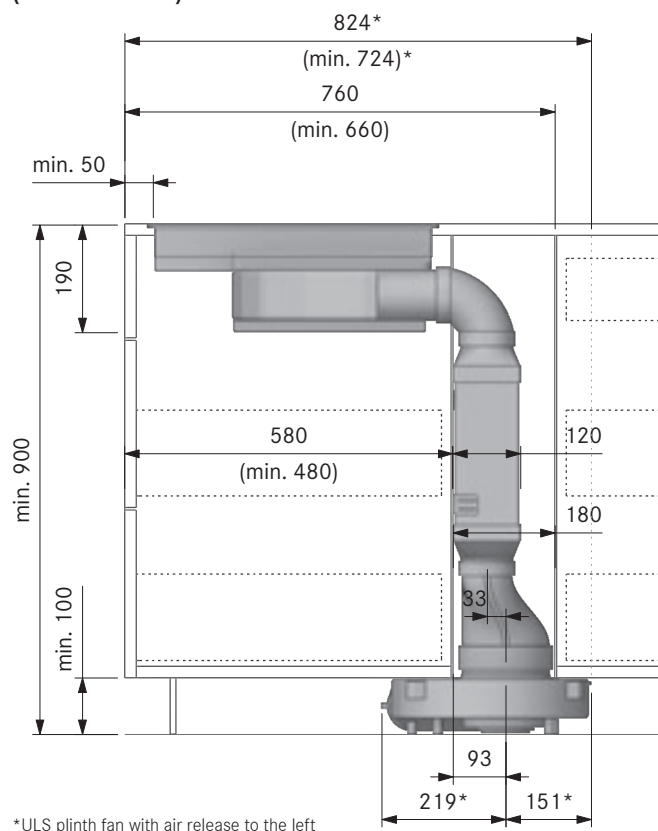
Installation cut-out CKA2 with shallow silencer USDF+ transition, flat round offset EFRV110/1 (kitchen counter 700):



Installation cut-out CKA2 with round silencer USDR50 (kitchen island):



Installation cut-out CKA2 with shallow silencer USDF + bridge flat round straight EFRG/1 (kitchen island):

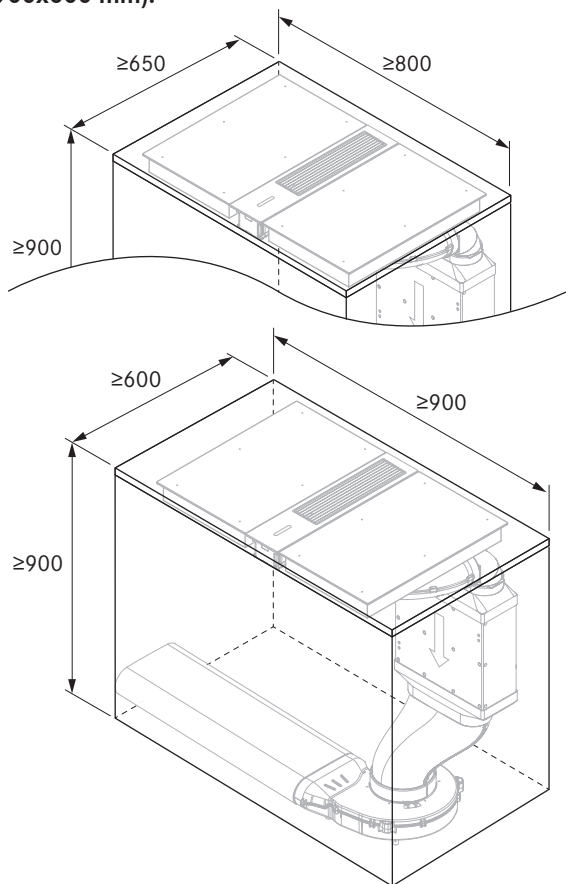


CLASSIC

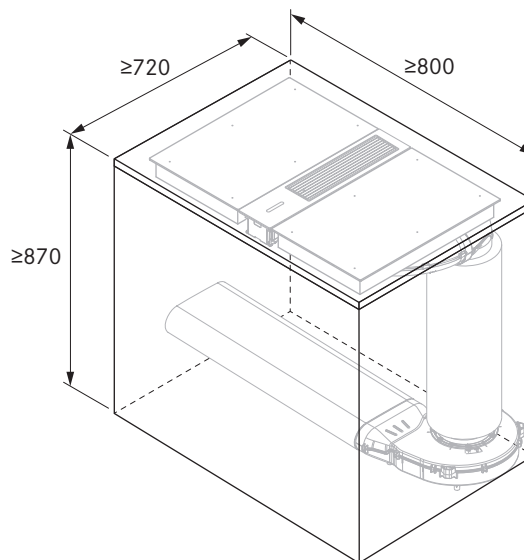
Minimum dimensions for installation

BORA Classic 2.0

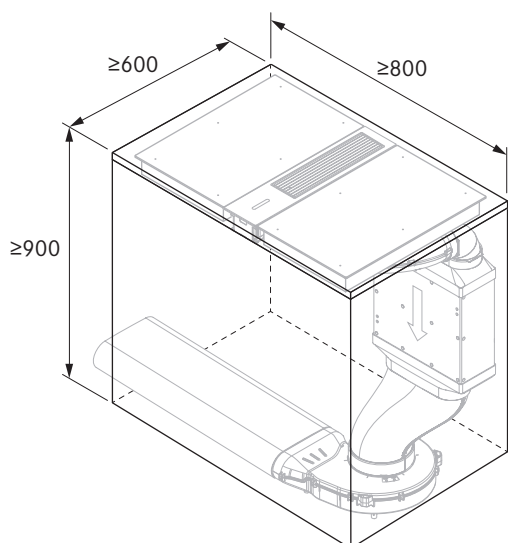
Minimum dimensions for installation CKA2 + USDF
(Dimensions for convenience 800x650 mm and 900x600 mm):



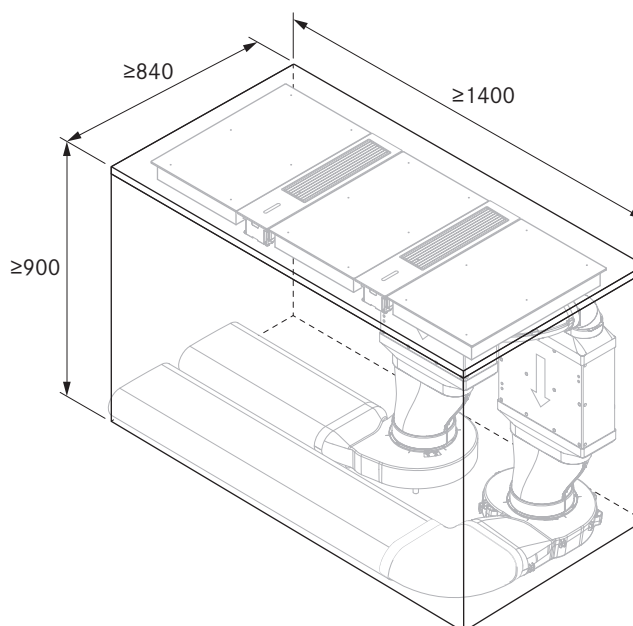
Minimum dimensions for installation CKA2 + USDR50:



Minimum dimensions for installation CKA2
(Special case):



Minimum dimensions for installation 2 CKA2 + 2 USDF:

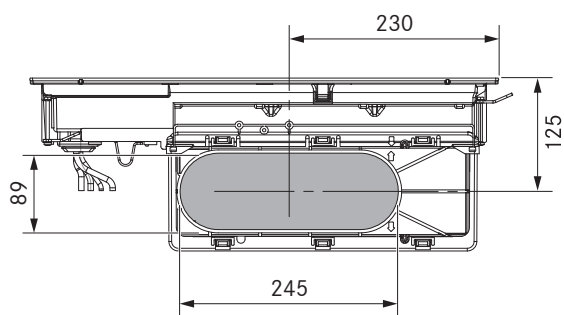
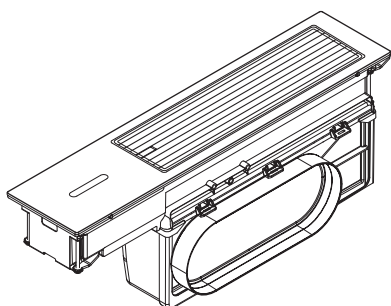
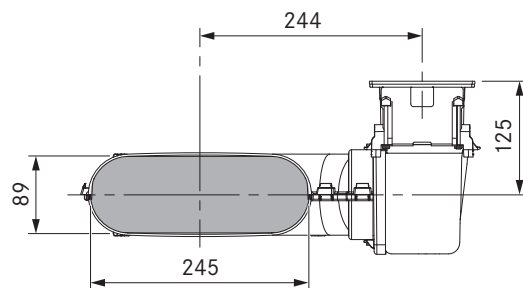
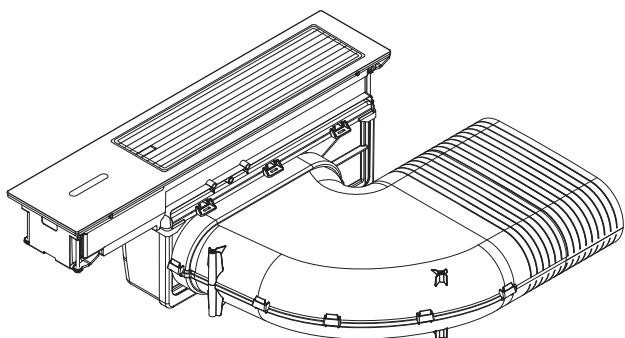


(Due to limited installation space, a special procedure must be adopted including pre-assembly.)

Duct connection dimensions

BORA Classic 2.0

CKA2

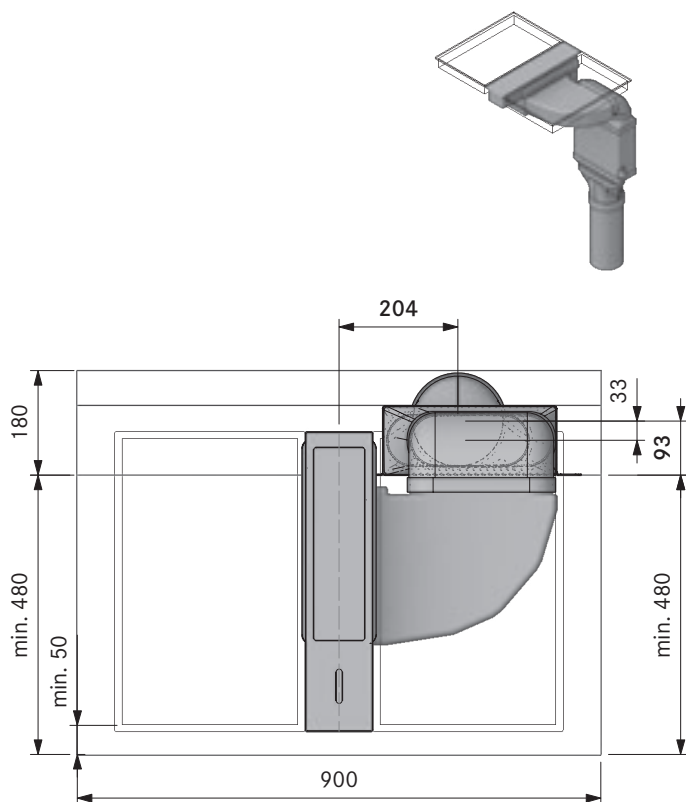


CLASSIC

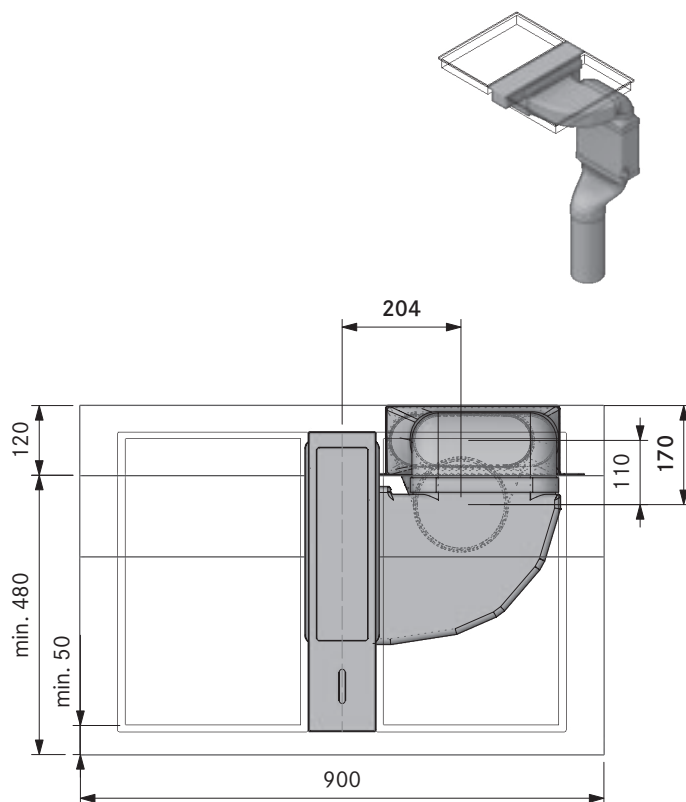
Core bore holes

BORA Classic 2.0

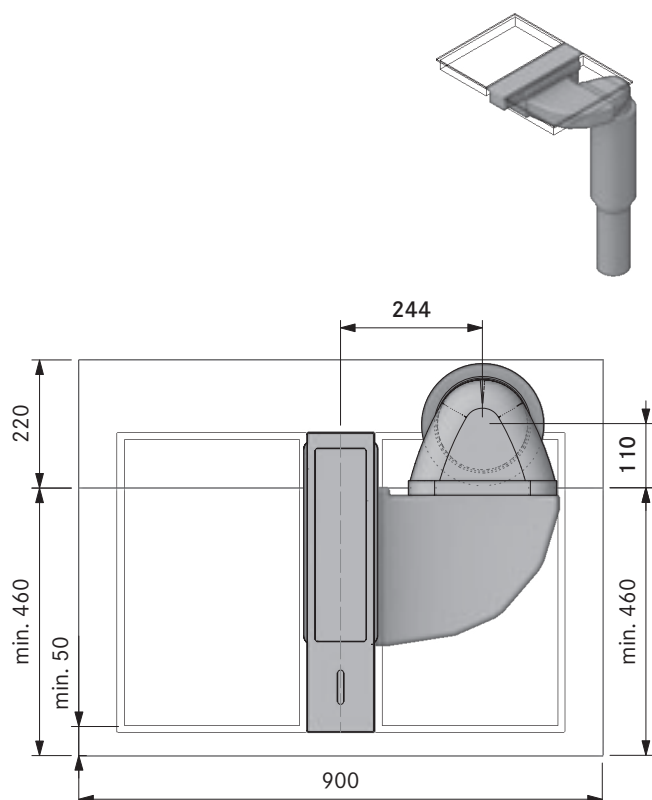
Minimum dimensions for core bore hole
CKA2 + USDF + EFRG (kitchen island):



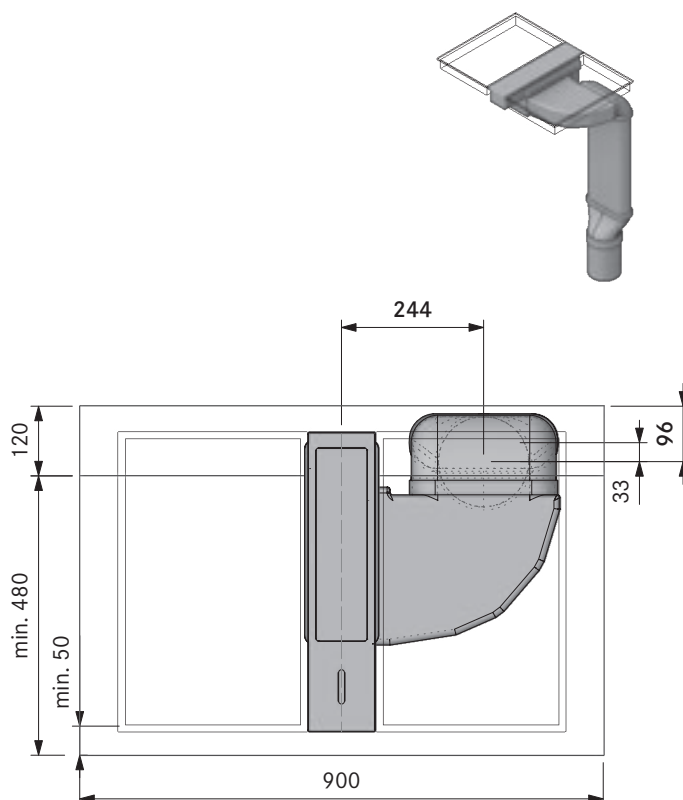
Minimum dimensions for core bore hole
CKA2 + USDF + EFRV110 (kitchen counter):



Minimum dimensions for core bore hole
CKA2 + USDR50 (kitchen island):



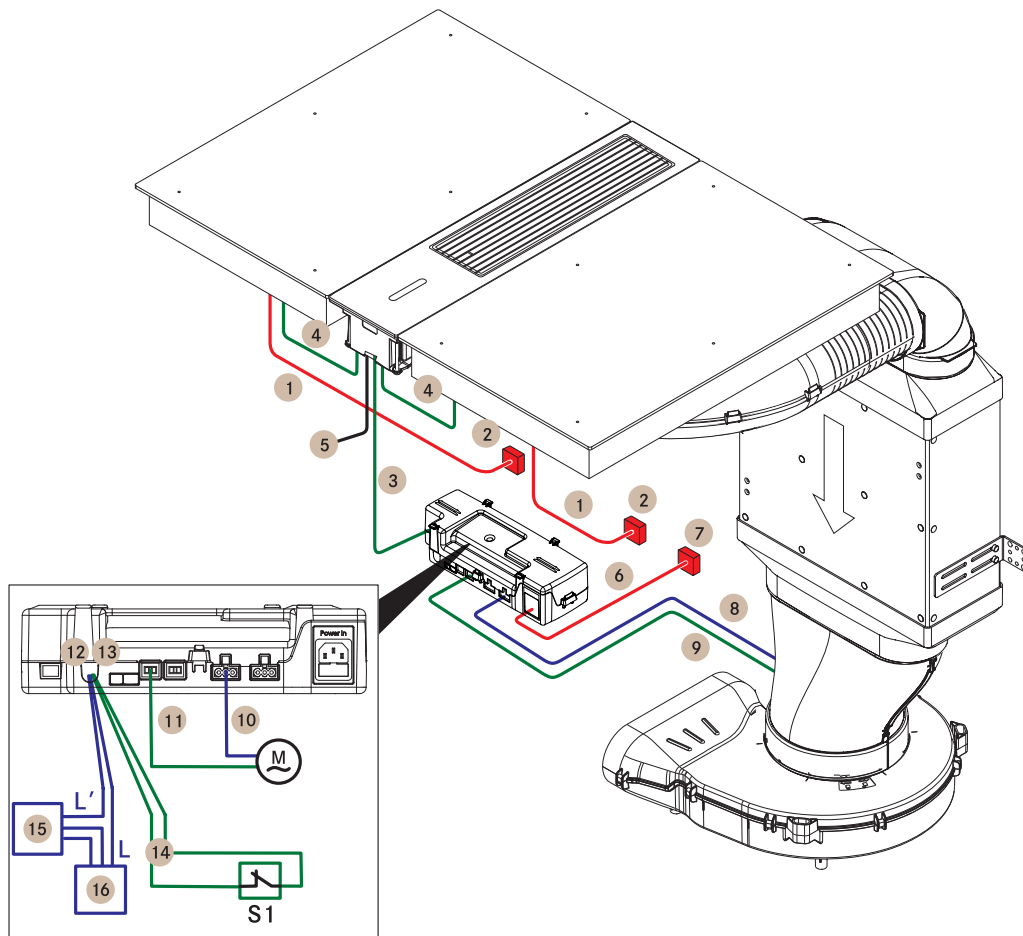
Minimum dimensions for core bore hole
CKA2 + EF750 + EFRG:



Connection diagram

BORA Classic 2.0

BORA Classic cooktop extractor CKA2



| Position | Description | Note |
|----------|----------------------------------|--------------------------------------------------------------------------------|
| 1 | Cooktop power supply cable | Length 1,5 m |
| 2 | Power supply per cooktop | L/N/PE min. fuse protection 1 x 16 A |
| 3 | CAT 5 communication cable | Length 3 m |
| 4 | CAT 5 communication cable | |
| 5 | USB-Port | Only for updates or data export |
| 6 | Control unit power supply cable | Length 1 m |
| 7 | Control unit power supply | Fuse protection 1 x 16 A |
| 8 | Fan 1 power supply cable | |
| 9 | Fan 1 control line | |
| 10 | Fan 2 power supply cable | |
| 11 | Fan 2 control line | Not required with the ULIE |
| M | Fan 2 | |
| 12 | Home-Out connection | Maximum 250 VAC/30 VDC, 5 A |
| S1 | External switch contact | E.g. window contact switch for operating in exhaust mode with flues/fireplaces |
| 13 | Home-In connection | 12V DC / 100 mA |
| 14 | Connection cable Home-In | |
| 15 | External device | E.g. electrically operated wall sleeve |
| 16 | Power supply for external device | |

Note: based on the cable range, the control unit can be installed freely or wall mounted. The control unit must be accessible. The connection diagram shows the maximum connection options required and is for planning purposes only. The connection itself must be carried out by a qualified specialist based on the operating instructions.

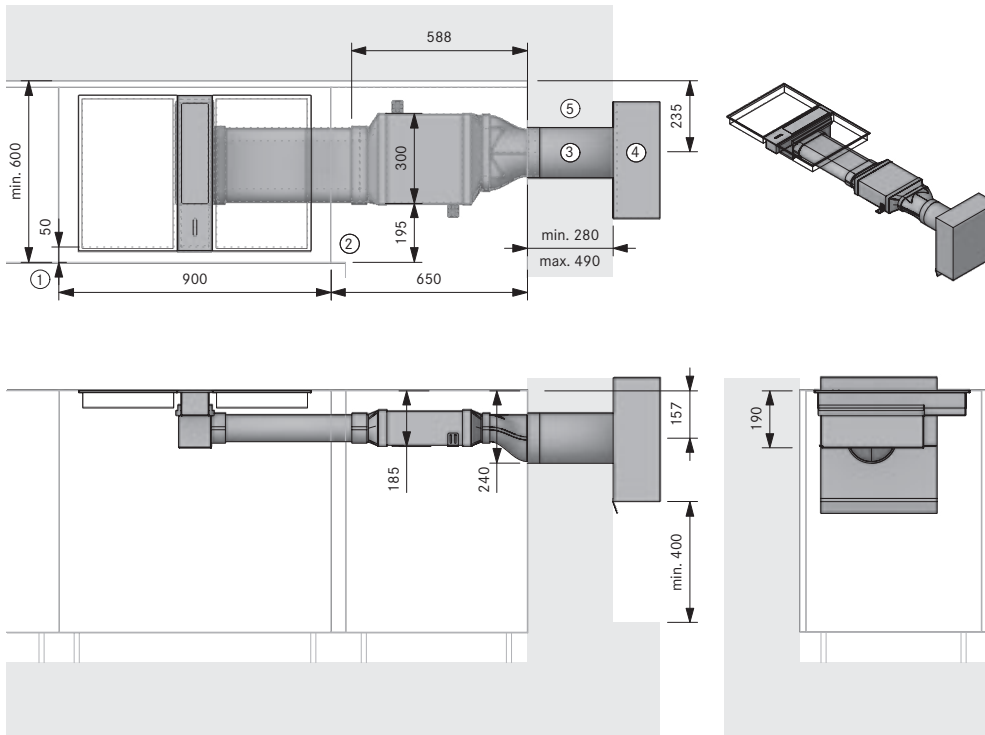
Model plans

BORA Classic 2.0

see more model plans at <https://partner.bora.com>

CKA2 – exhaust air model for kitchen units

MP_5031 – with ULA external wall fan, USDF shallow silencer and air flow towards the right under the worktop



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Core bore hole at least Ø 180 mm
- ④ Must be able to expel air downwards freely at least 400 mm
- ⑤ Empty Ø 40 mm pipe for control line and mains cable

BORA product

- 1 CKA2 Classic cooktop extractor
- 1 ULA external wall fan EC
- 1 USDF shallow silencer

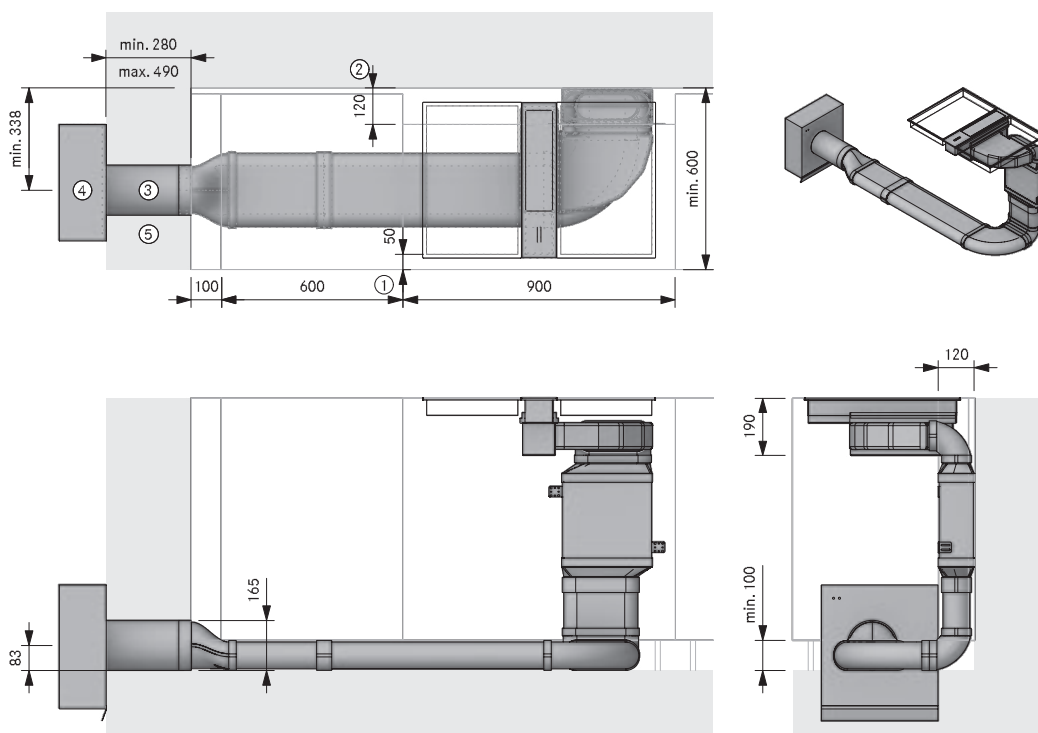
BORA Ecotube product

- 1 EFRG/1 transition, shallow round straight
- 2 EFV/1 duct connection, shallow
- 1 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design

CKA2 – exhaust air model for kitchen units

MP_5106 – with ULA external wall fan, USDF shallow silencer and airflow towards the left in the plinth



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Core bore hole at least Ø 180 mm
- ④ Must be able to expel air downwards freely at least 400 mm
- ⑤ Empty Ø 40 mm pipe for control line and mains cable

BORA product

- 1 CKA2 Classic cooktop extractor
- 1 ULA external wall fan EC
- 1 USDF shallow silencer

BORA Ecotube product

- 1 EFBH90/1 90° bend, shallow horizontal
- 2 EFBV90/1 90° bend, shallow vertical
- 1 EFRG/1 transition, shallow round straight
- 2 EFV/1 duct connection, shallow
- 2 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design

Installation may only be carried out in accordance with the applicable standards, regulations and laws.

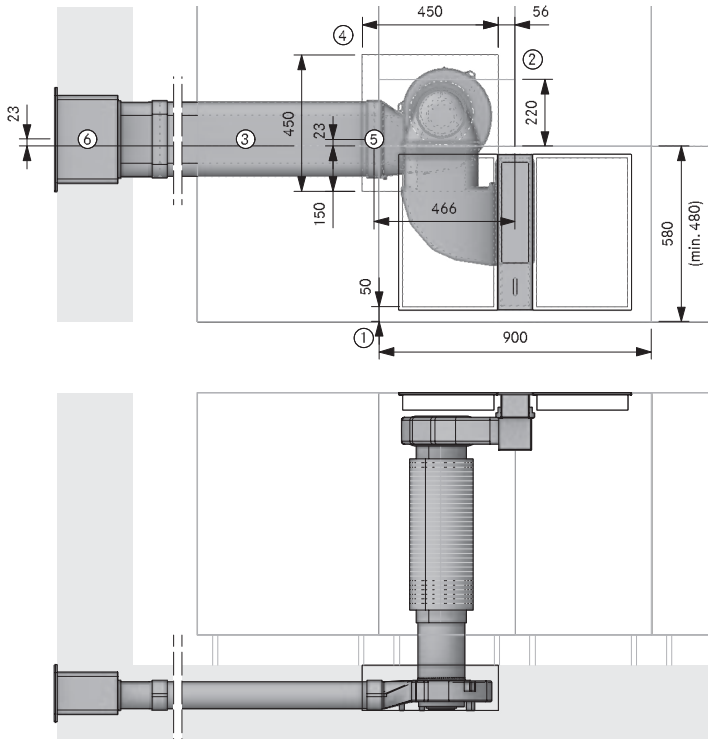
Model plans

BORA Classic 2.0

see more model plans at <https://partner.bora.com>

CKA2 – exhaust air model for kitchen islands

MP_5272 – with ULS plinth fan, USDR50 round silencer and airflow towards the left in floor installation



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Fitted in floor installation according to DIN 18560-2 (fully integrated in the levelling layer). If the structure deviates from DIN 18560-2, reinforced screed must be provided for
- ④ Floor recess for ULS
- ⑤ Ecotube connection point
- ⑥ Wall opening 310 x 155 mm
71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

BORA product

- 1 CKA2 Classic cooktop extractor
- 1 ULS plinth fan EC
- 1 CESDR Classic set with USDR50

BORA Ecotube product

- 1 UEBF/1 3box wall sleeve

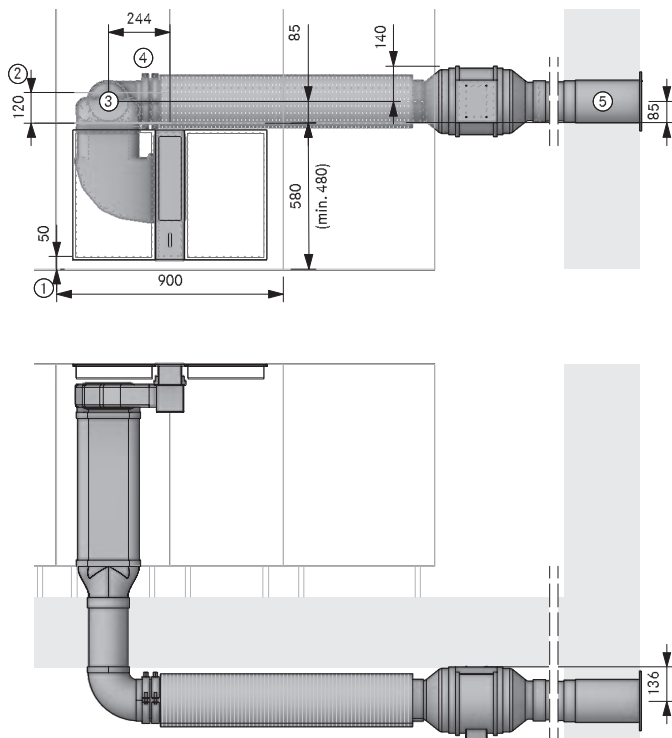
BORA Ecotube product according to requirements

EFV/1 duct connection, shallow
EFS750/1 shallow duct with partition
750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design

CKA2 – exhaust air model for kitchen islands

MP_5392 – with ULI duct fan, USDR100 round silencer and airflow towards the right in the basement



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Core bore hole at least Ø 180 mm
- ④ One mounting bracket set per Ecotube product with moulded coupling
- ⑤ Core bore hole at least Ø 180 mm
Must expel air in a straight line regardless of the weather conditions

BORA product

- 1 CKA2 Classic cooktop extractor
- 1 ULI duct fan EC
- 1 USDR100 round silencer 1000 mm

BORA Ecotube product

- 1 EFBV90/1 90° bend, shallow vertical
- 1 EFRG/1 transition, shallow round straight
- 1 ERB90/1 90° bend, round
- 1 UEBR/1 3box wall sleeve, round
- 1 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

BORA Ecotube product according to requirements

ERV/1 duct connection, round
ER750/1 round duct 750 mm
ERMS/1 installation set, round

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design

Installation may only be carried out in accordance with the applicable standards, regulations and laws.

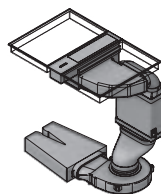
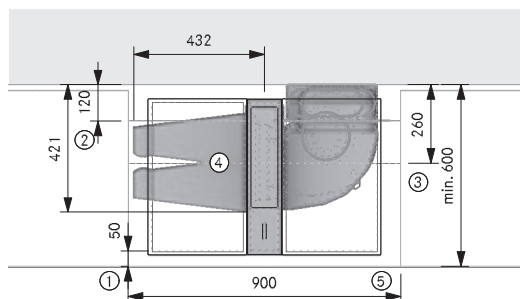
Model plans

BORA Classic 2.0

see more model plans at <https://partner.bora.com>

CKA2 – recirculation model for kitchen units

MP_5800 – with ULS plinth fan, USDF shallow silencer and ULBF air cleaning box



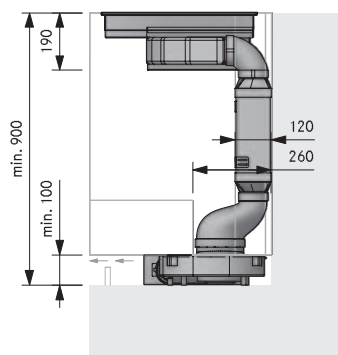
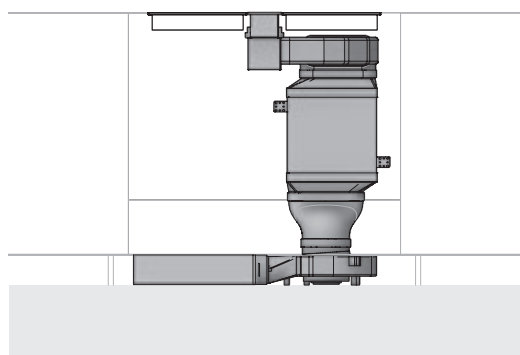
Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ The lowest outlet must be shortened
- ④ The air cleaning box must be accessible. Optimum filter performance thanks to the 500 mm shallow duct in front of the filter
- ⑤ Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)

BORA product

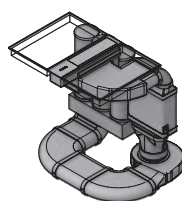
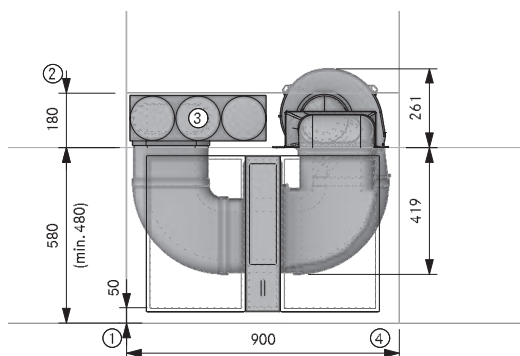
- 1 CKA2 Classic cooktop extractor
- 1 ULS plinth fan EC
- 1 CESDF Classic set with USDF
- 1 ULBF air cleaning box, flexible

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



CKA2 – recirculation model for kitchen islands

MP_5871 – with ULS plinth fan, USDF shallow silencer and ULB3 air cleaning box



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm² free outflow area
- ④ Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)

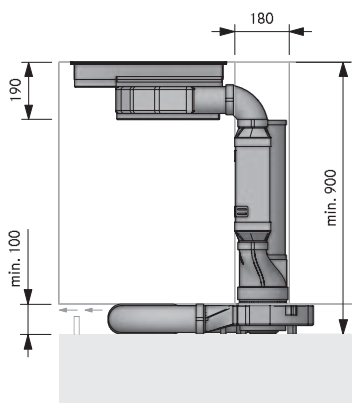
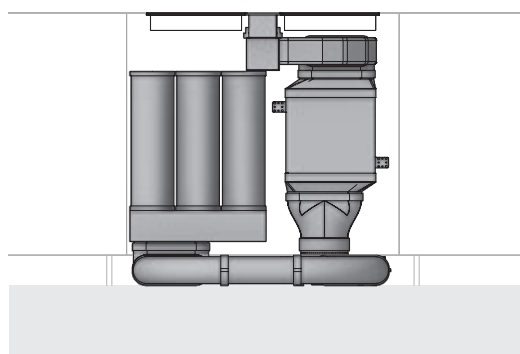
BORA product

- 1 CKA2 Classic cooktop extractor
- 1 ULS plinth fan EC
- 1 CESDF Classic set with USDF
- 1 ULB3 air cleaning box with 3 activated charcoal filters

BORA Ecotube product

- 2 EFBH90/1 90° bend, shallow horizontal
- 1 EFBV90/1 90° bend, shallow vertical
- 1 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



Installation may only be carried out in accordance with the applicable standards, regulations and laws.

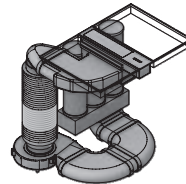
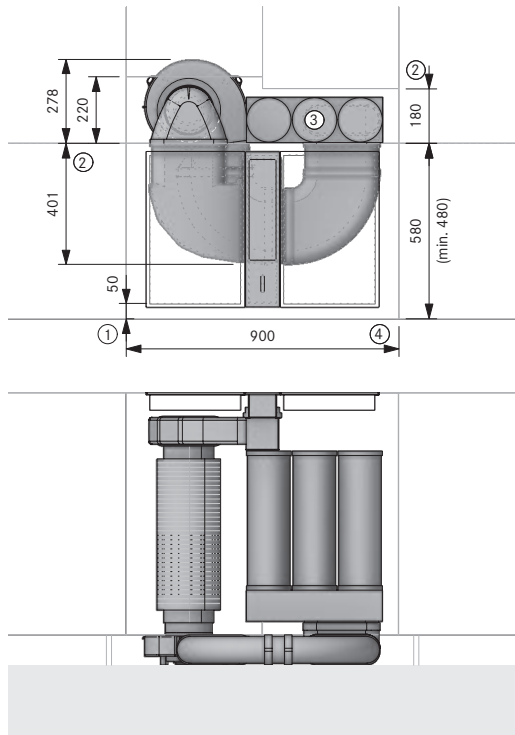
Model plans

BORA Classic 2.0

see more model plans at <https://partner.bora.com>

CKA2 – recirculation model for kitchen islands

MP_5882 – with ULS plinth fan, USDR50 round silencer and ULB3 air cleaning box



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm² free outflow area
- ④ Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)

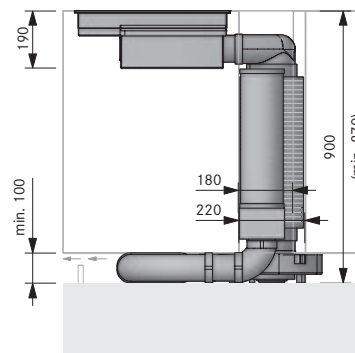
BORA product

- 1 CKA2 Classic cooktop extractor
- 1 ULS plinth fan EC
- 1 CESDR Classic Ecotube set with USDR50
- 1 ULB3 air cleaning box with 3 activated charcoal filters

BORA Ecotube product

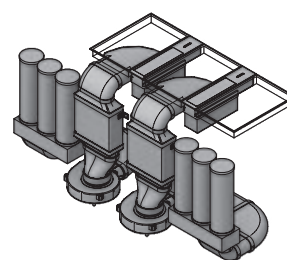
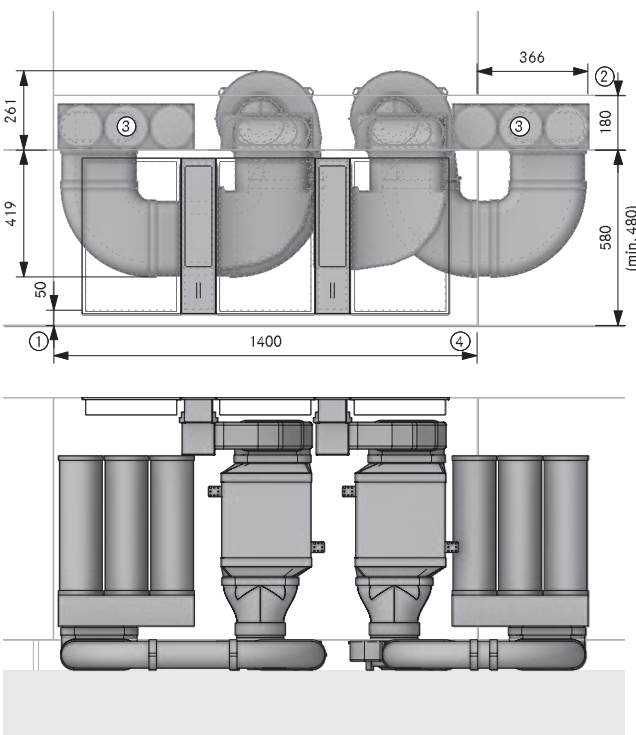
- 2 EFBH90/1 90° bend, shallow horizontal
- 1 EFBV90/1 90° bend, shallow vertical
- 1 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



CKA2 – double recirculation model for kitchen islands

MP_5876 – with ULS plinth fan, USDF shallow silencer and ULB3 air cleaning box



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm² free outflow area
- ④ Unobstructed return flow aperture at least 500 cm² per air cleaning box (at least 1000 cm² in the case of gas cooktops)

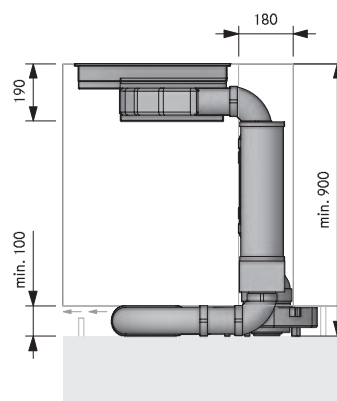
BORA product

- 2 CKA2 Classic cooktop extractor
- 2 ULS plinth fan EC
- 2 CESDF Classic set with USDF
- 2 ULB3 air cleaning box with 3 activated charcoal filters

BORA Ecotube product

- 4 EFBH90/1 90° bend, shallow horizontal
- 2 EFBV90/1 90° bend, shallow vertical
- 1 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



Installation may only be carried out in accordance with the applicable standards, regulations and laws.

BORA X Pure Highlights

Intuitive sControl control

The unique vertical slider makes operation via the intuitive up and downwards movement of your finger or direct tapping with the fingertip even easier. All of the important functions are at your fingertips in a flash.

Minimum volume

Always markedly quiet - even at high power levels: The reason lies in the optimal airflow and the use of an extremely low-noise fan. There are no distractions when cooking and no interruptions when entertaining.

Oversized surface induction cooking zones

Particularly large surface induction cooking zones enable you to consistently warm even very large pots or roasters through.

Minimalistic design

The cooktop and extractor are ideal for flush installation. The perfect lines allow them to blend in discreetly and elegantly with any modern kitchen design. When on standby, the operating panel is virtually invisible and during operation it is scaled down to the essentials thanks to intelligent lighting.

Integrated grease drip pan

If anything is spilt during cooking, the integrated drip tray safely catches both solids and liquids.

eSwap

In recirculation mode odours are neutralised by a highly efficient activated charcoal filter. To make life easier, the filter is changed from the top through the air inlet aperture - without having to remove drawers or plinth panels.

Simple cleaning

All parts that come into contact with cooking vapours can be easily removed through the accessible, wide inlet opening. They can then be cleaned in the dishwasher, where they take up very little space.

Maximum storage space

At under 200mm, the low installation height and integrated recirculation unit guarantee maximum storage space for pots and other kitchen utensils in the cupboard below. Even in 60-cm-deep kitchen units, no drawers need to be shortened in recirculation mode. A change from the norm.

Variable heat retention function

You can choose from 3 heat retention levels with different temperature levels depending on how or what you are cooking. This means that you can keep your food warm at an optimum, constant temperature without any danger of burning it.

Automatic extractor control

The extractor power level automatically adjusts itself according to current cooking conditions. There's no need for constant manual adjustment, which means you can focus fully on your cooking.



PUXA

BORA X Pure surface induction cooktop with integrated cooktop extractor - exhaust air

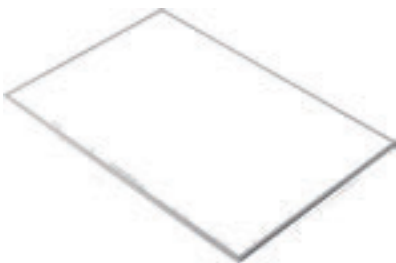
PUXU

BORA X Pure surface induction cooktop with integrated cooktop extractor - recirculation



PUXED

BORA X Pure air inlet nozzle



BKR830

BORA cooktop frame for width 830mm



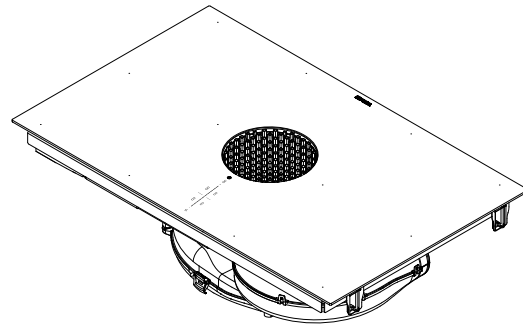
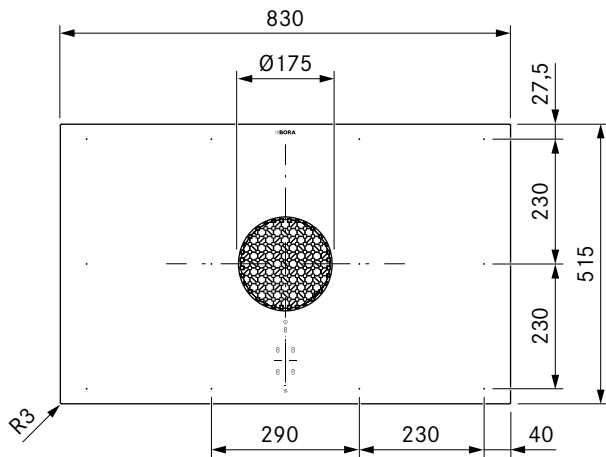
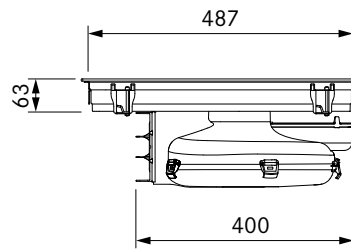
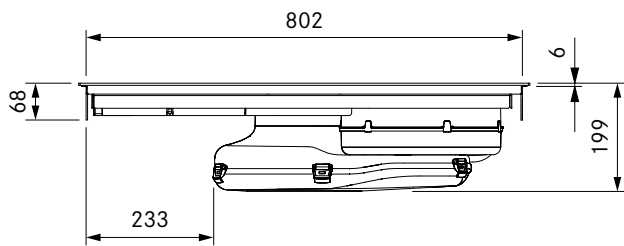
USL515

BORA side frame for cooktop depth 515mm

USL515AB

BORA side frame for cooktop depth 515mm All Black

BORA X Pure surface induction cooktop with integrated cooktop extractor - exhaust air



technical data

| | |
|-------------------------------------------|--------------------------------|
| Multiphase supply voltage | 380 – 415 V 2N/3N |
| Single-phase supply voltage | 220 – 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 7,6 kW (4,4 kW / 3,6 kW) |
| Three-phase power supply/fuse protection | 3 x 16 A (standard connection) |
| Two-phase power supply/fuse protection | 2 x 16 A |
| Single-phase power supply/fuse protection | 1 x 32 A (1 x 20 A / 1 x 16 A) |
| Dimensions (WxDxH) | 830 x 515 x 199 mm |
| Weight (incl. accessories/packaging) | 23,0 kg |
| Surface material | Glass ceramic |
| Cooktop extractor power levels | 1 – 9, P |
| Cooktop power levels | 1 – 9, P |
| duct connection | BORA Ecotube |
| Size of front cooking zone | 230 x 230 mm |
| Size of rear cooking zone | 230 x 230 mm |
| Front cooking zone output | 2100 W |
| Rear cooking zone output | 2100 W |
| Front cooking zone power setting output | 3000 W |
| Rear cooking zone power setting output | 3000 W |

Product description

- Intuitive sControl control
- Minimum volume
- Simple cleaning
- Oversized surface induction cooking zones
- Minimalistic design
- Variable heat retention function
- Maximum storage space
- Compact size
- Integrated grease drip pan
- Demo mode

Scope of delivery

- Surface induction glass ceramic cooktop with integrated cooktop extractor – exhaust air PUXA
- air inlet nozzle
- stainless steel grease filter
- operating and installation instructions
- Mounting clamps
- sealing tape
- height adjustment plate set
- Housing cover power supply
- Installation accessories for the power supply
- Glass ceramic scraper

Accessories

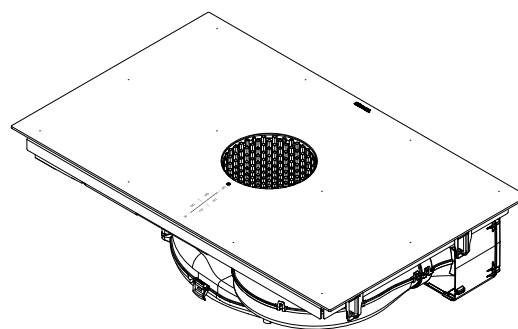
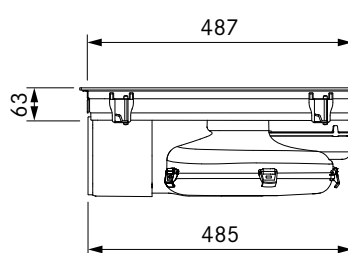
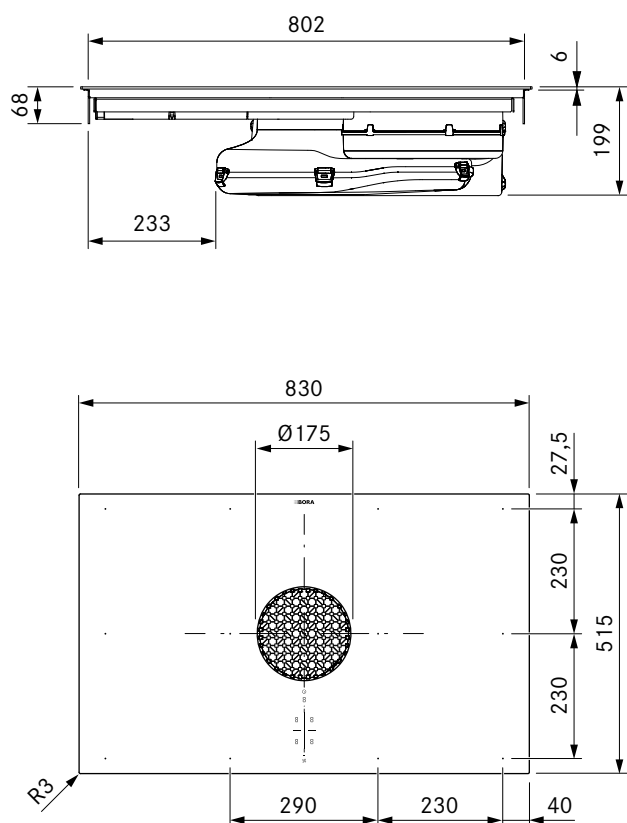
- Stainless steel grease filter PUEF
- Air inlet nozzle PUXED
- UDB25 sealing tape
- BKR830 cooktop frame
- Home In module PUHIM
- Air purification box PULB
- Air purification box telescopic pull-out PULBTA

product- and planning instructions

- The connection cable must be provided at the installation site
- Front power socket
- The BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- Ensure sufficient ventilation of the area below the cooktop.
- Installation type: flush or surface-mounted
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- Please note that induction-compatible cookware must be used on induction cooktops
- The X PURE cooktop extractor system can be combined with all BORA sockets
- Not compatible with BORA universal extractors

PUXU

BORA X Pure surface induction cooktop with integrated cooktop extractor - recirculation



technical data

| | |
|-------------------------------------------|----------------------------------------------|
| Multiphase supply voltage | 380 - 415 V 2N/3N |
| Single-phase supply voltage | 220 - 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 7,6 kW (4,4 kW / 3,6 kW) |
| Three-phase power supply/fuse protection | 3 x 16 A (standard connection) |
| Two-phase power supply/fuse protection | 2 x 16 A |
| Single-phase power supply/fuse protection | 1 x 32 A (1 x 20 A / 1 x 16 A) |
| Dimensions (WxDxH) | 830 x 515 x 199 mm |
| Weight (incl. accessories/packaging) | 24,5 kg |
| Surface material | Glass ceramic |
| Cooktop extractor power levels | 1 - 9, P |
| Cooktop power levels | 1 - 9, P |
| Size of exhaust opening | 445 x 137 mm |
| Size of front cooking zone | 230 x 230 mm |
| Size of rear cooking zone | 230 x 230 mm |
| Front cooking zone output | 2100 W |
| Rear cooking zone output | 2100 W |
| Front cooking zone power setting output | 3000 W |
| Rear cooking zone power setting output | 3000 W |
| Filter medium | Activated charcoal filter with ion exchanger |
| Filter material | Filter panel with fine filter |
| Maximum filter service life | 150 h (1 year) |

Product description

- Intuitive sControl control
- eSwap
- effective odour removal
- Minimum volume
- Simple cleaning
- Oversized surface induction cooking zones
- Minimalistic design
- Variable heat retention function
- Maximum storage space
- Integrated grease drip pan

Scope of delivery

- Surface induction glass ceramic cooktop with integrated cooktop extractor - recirculation PUXU
- air inlet nozzle
- stainless steel grease filter
- activated charcoal filter
- operating and installation instructions
- drilling template
- Mounting clamps
- sealing tape
- height adjustment plate set
- Housing cover power supply
- Installation accessories for the power supply
- Glass ceramic scraper

Accessories

- Activated charcoal filter PUAKF
- Stainless steel grease filter PUEF
- Air inlet nozzle PUXED
- UDB25 sealing tape
- BKR830 cooktop frame
- Air purification box telescopic pull-out PULBTA

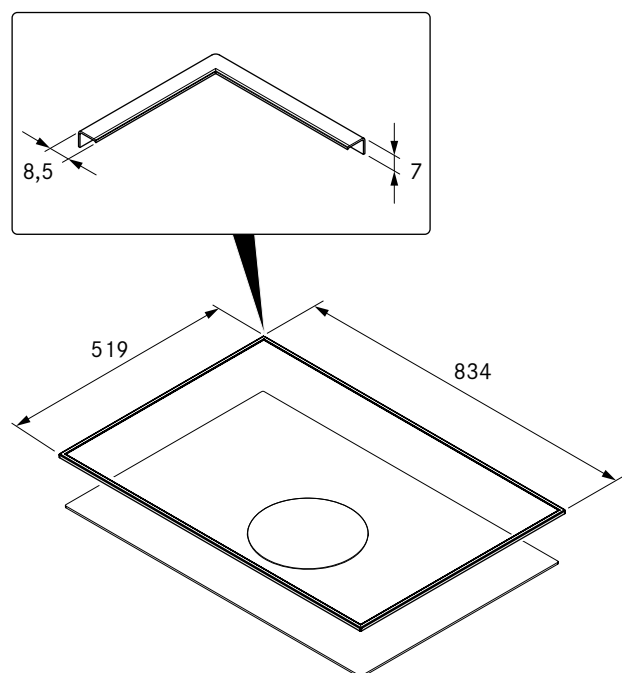
product- and planning instructions

- The connection cable must be provided at the installation site
- Front power socket
- The air cleaning box is fitted with a telescopic pull-out (extension to 80 mm) for connection to the back wall of the unit
- The telescopic extension of the air purification box in extra-deep cooktop base cabinets can be extended by 105 mm with an additional telescopic extension PULBTA (available as accessory)
- Ensure sufficient ventilation of the area below the cooktop.
- Installation type: flush or surface-mounted
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- Please note that induction-compatible cookware must be used on induction cooktops
- The X PURE cooktop extractor system can be combined with all BORA sockets

BKR830

BORA X PURE
ACCESSORIES

BORA cooktop frame for width 830mm



technical data

| | |
|--------------------|-------------------------|
| Dimensions (WxDxH) | 834 x 519 x 7 mm |
| Material | Brushed stainless steel |
| Glue setting time | 24 h |

Product description

- Protection of glass ceramics
- Simple installation
- High-quality material
- matching accessories

Scope of delivery

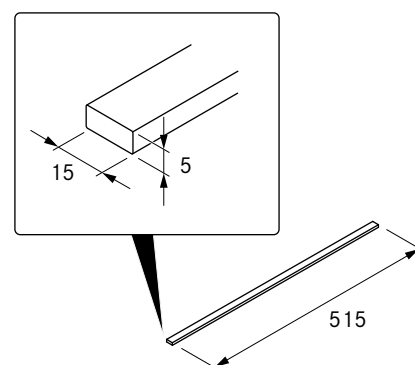
- BKR830 cooktop frame with adhesive tape
- sealing tape
- Glass cleaning cloth
- height adjustment plate set
- installation instructions

USL515 / USL515AB

BORA X PURE
ACCESSORIES

BORA side frame for cooktop depth 515mm

BORA side frame for cooktop depth 515mm All Black



technical data

| | |
|--------------------|-------------------------|
| Dimensions (WxDxH) | 15 x 515 x 5 mm |
| Material | Brushed stainless steel |
| Glue setting time | 24 h |

Product description

- Protection of glass ceramics
- Simple installation
- High-quality material
- matching accessories

Scope of delivery

- 2 x side frame USL515/ USL515AB
- Cleaning cloth
- installation instructions

Energy efficiency

BORA X Pure

| Product description | BORA X Pure induction cooktop with integrated cooktop extractor PUXA | |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------|-------------|
| Operating mode | Exhaust air | |
| Energy consumption | Value | EN standard |
| Annual energy consumption (AEC _{hood}) | 35,6 kWh/a | 61591 |
| Energy efficiency class | A+ | 61591 |
| Flow volume | | |
| Fluid dynamic efficiency (FDE _{hood}) | 32.9 % | 61591 |
| Fluid dynamic efficiency class | A | 61591 |
| Air flow level 1 minimum | 187.3 m ³ /h | 61591 |
| Air flow level 9 maximum | 563.3 m ³ /h | 61591 |
| Air flow power setting (Q _{Max}) | 626.1 m ³ /h | 61591 |
| Lighting | | |
| Lighting efficiency (LE _{hood}) | * lx/Watt | * |
| Lighting efficiency class | * | * |
| Grease filtering | | |
| Level 9 maximum (GFE _{hood}) | 96.4 % | 61591 |
| Class at maximum power level | A | 61591 |
| Sound power level | | |
| Level 1 minimum | 41.2 dB(A) | 60704-2-13 |
| Level 9 maximum | 66.4 dB(A) | 60704-2-13 |
| Power setting | 68.6 dB(A) | 60704-2-13 |
| Sound pressure level (additional details) | | |
| Level 1 minimum | 28.6 dB(A) | ** |
| Level 9 maximum | 53.8 dB(A) | ** |
| Power setting | 56.0 dB(A) | ** |
| Details according to 66/2014 | | |
| Power consumption in off mode (P _O) | 0.18 W | 61591 |
| Time increase factor | 0.8 | 61591 |
| Energy efficiency index (EEI _{hood}) | 43.3 | 61591 |
| Air volume flow at the best efficiency point (Q _{BEP}) | 313.4 m ³ /h | 61591 |
| Pressure at the best efficiency point (P _{BEP}) | 460.7 Pa | 61591 |
| Electric power input at the best efficiency point (W _{BEP}) | 122.0 W | 61591 |

Information on the energy consumption label in accordance with Ordinance (EU) no. 65/2014 or 66/2014.

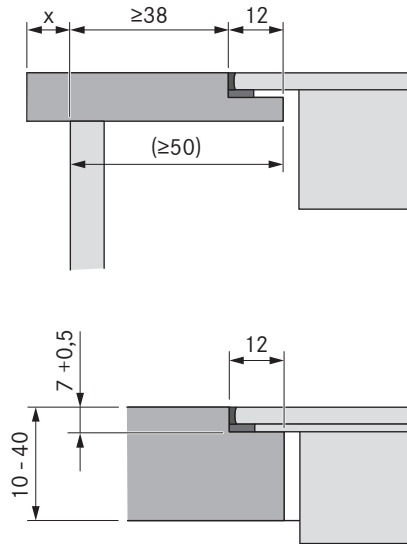
* This specification is not applicable for this product.

** The sound pressure level has been determined from a distance of 1 m (distance-dependent level recording) on the basis of the sound power level established in EN 60704 - 2 - 13.

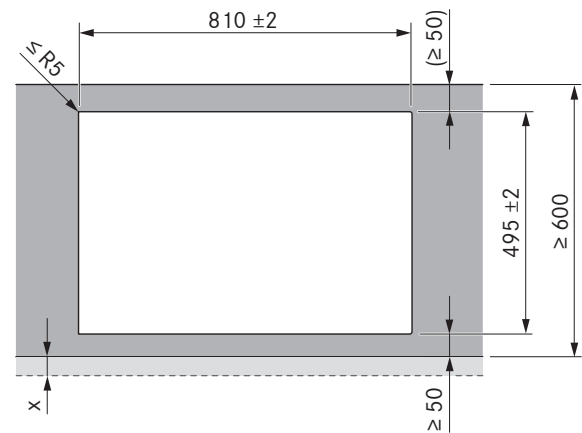
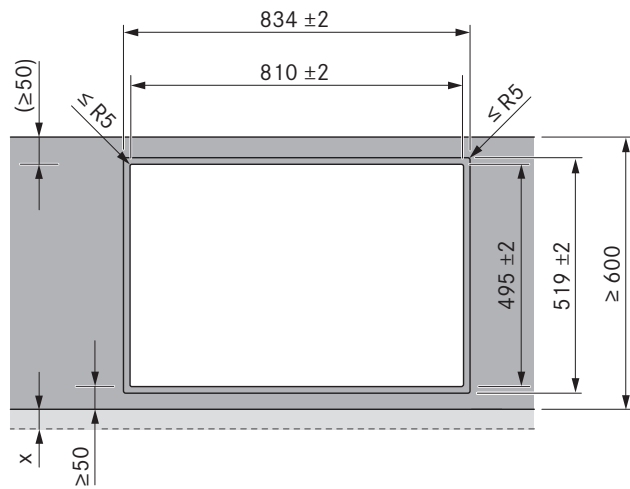
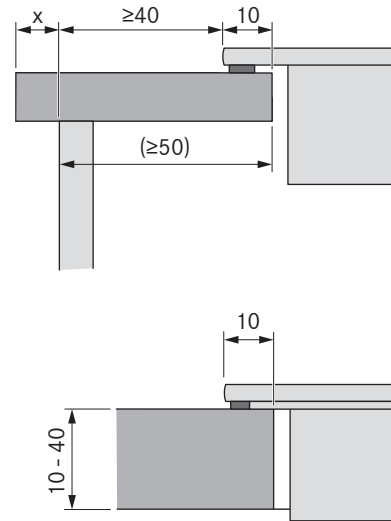
Cut-out dimensions

BORA X Pure PUXA/PUXU

Flush installation



Surface mounting (with or without cooktop frame)



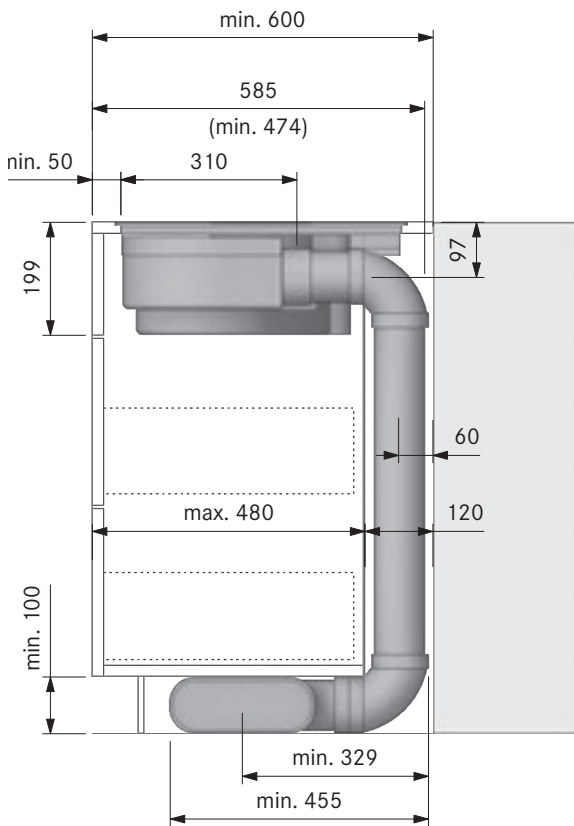
Important planning instructions:

- All dimensions from the front edge of the front cover.
- Cut-out dimensions tolerance ± 2 mm.
- Please note the worktop manufacturer's instructions with regard to the suitability of the worktop. Worktop cut-outs must be moisture-sealed using suitable means or, where necessary, fitted with a thermal insulator (e.g. in the case of Corian or HiMacs worktops).
- Clearance of 2 mm should be planned around the built-in appliances.

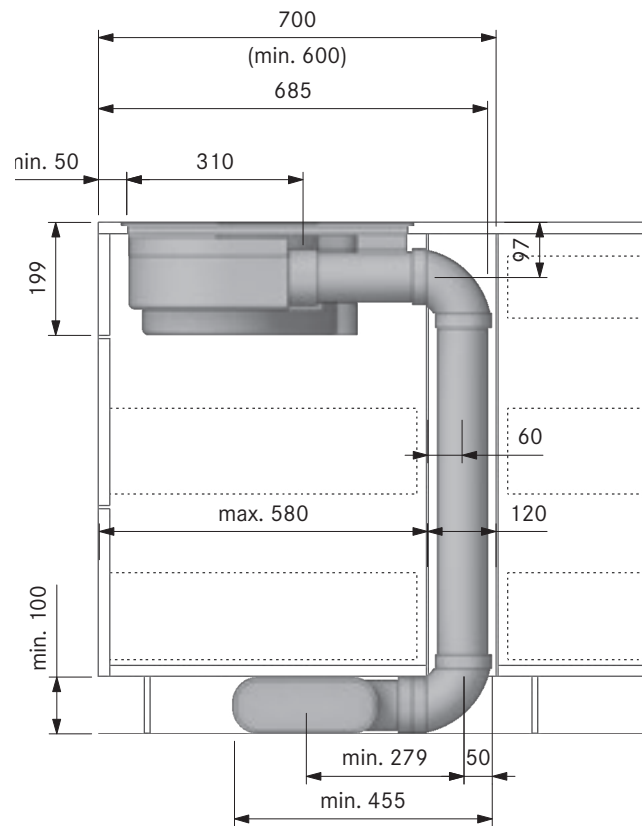
Installation cut-outs

BORA X Pure

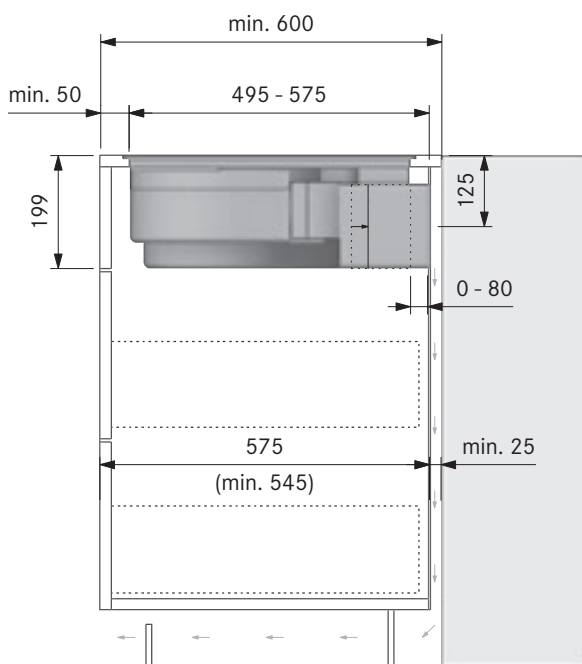
Installation cut-out PUXA (kitchen counter 600):



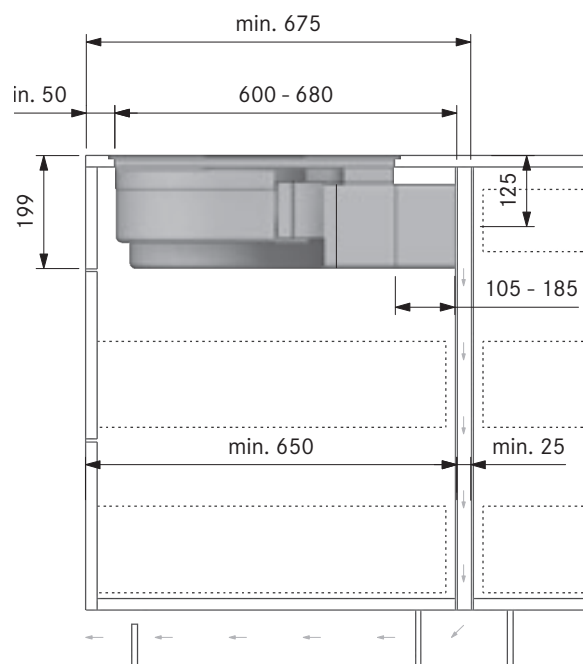
Installation cut-out PUXA (kitchen island):



Installation cut-out PUXU (kitchen counter 600):



Installation cut-out PUXU with PULBTA (kitchen island):

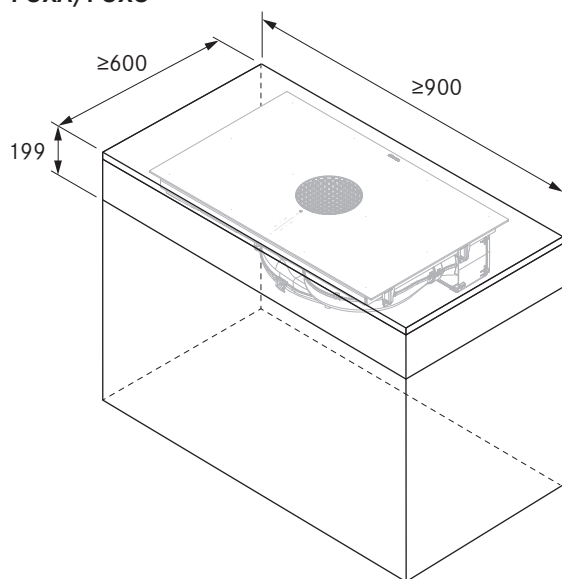


To ensure optimum extraction performance, a return flow aperture of at least 500 cm² for the air recirculation hood must be guaranteed.

Minimum dimensions for installation

BORA X Pure

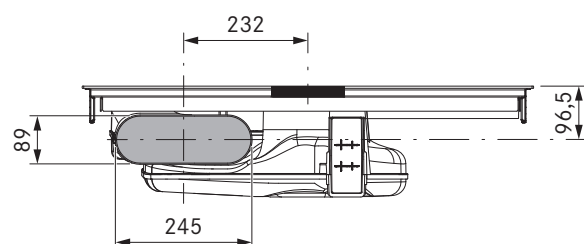
PUXA/PUXU



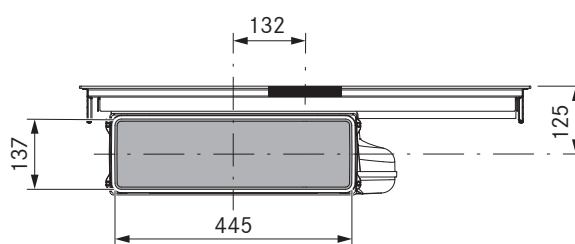
Duct connection dimensions

BORA X Pure

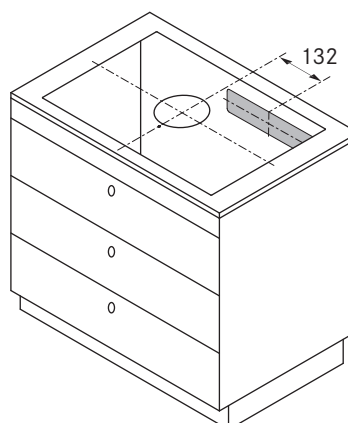
Duct connection dimensions PUXA with BORA Ecotube duct connection



Duct connection dimensions PUXU For return flow aperture on the back of the body



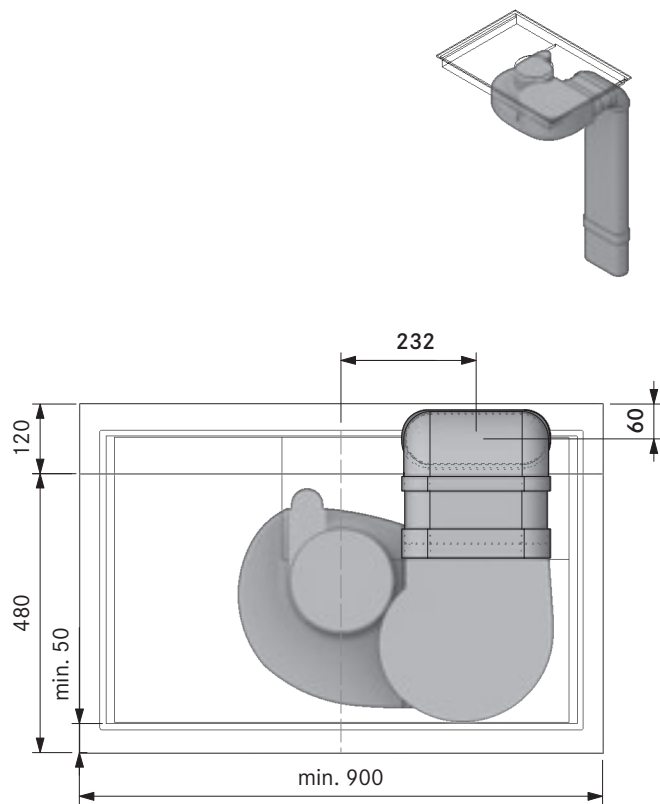
Cut-out on rear wall PUXU



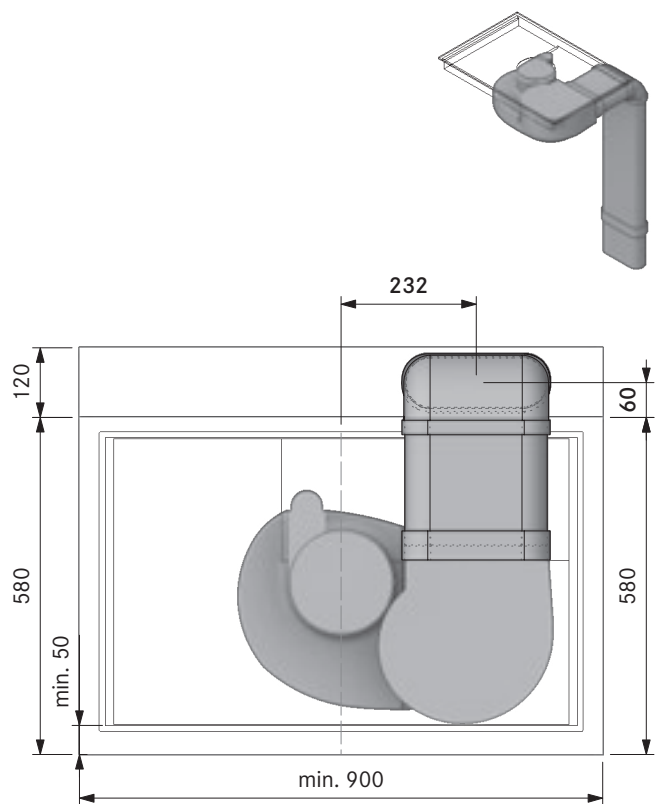
Core bore holes

BORA X Pure

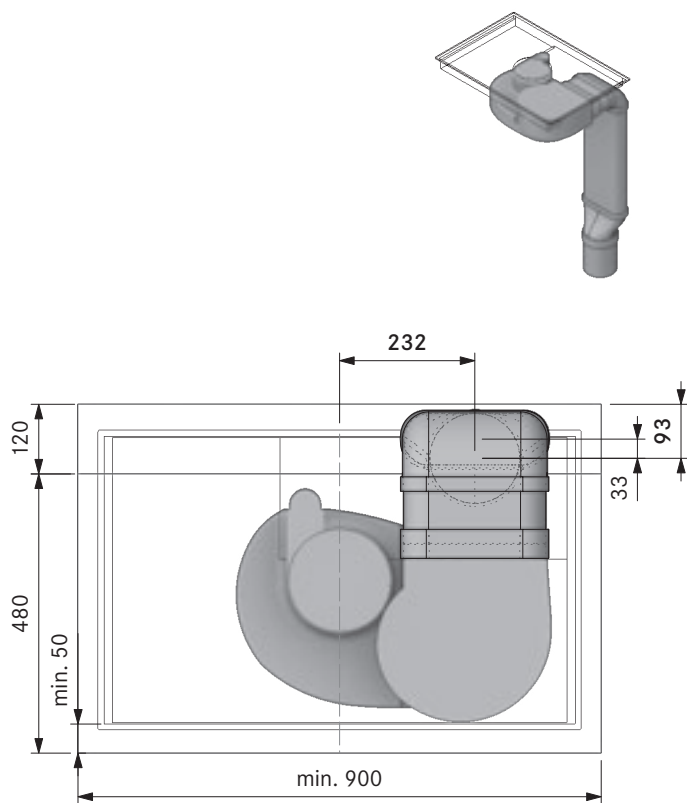
Minimum dimensions for core bore hole
PUXA + EF750 (kitchen counter 600):



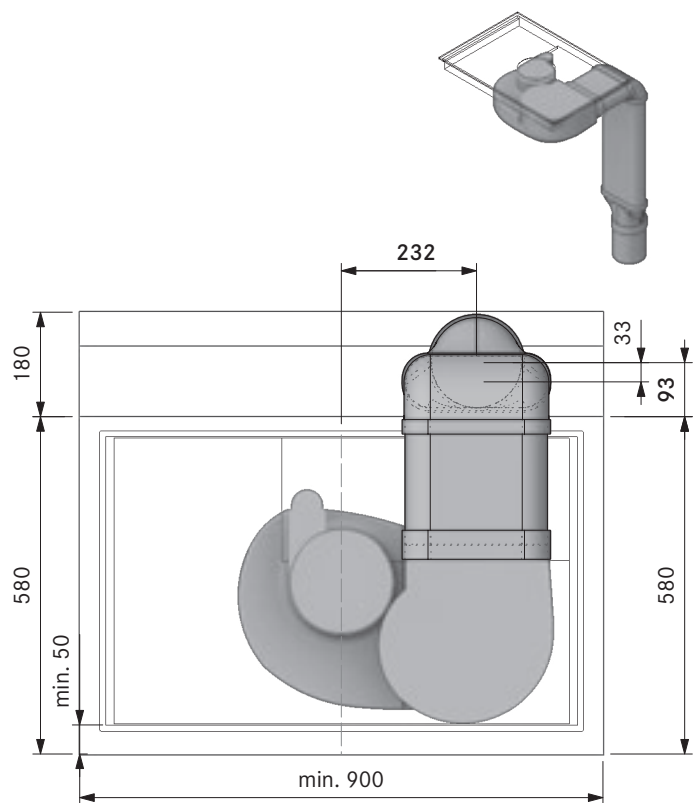
Minimum dimensions for core bore hole
PUXA + EF750 (kitchen island 700):



Minimum dimensions for core bore hole
PUXA + EF750 + EFRG (kitchen counter):



Minimum dimensions for core bore hole
PUXA + EF750 + EFRG (kitchen island):

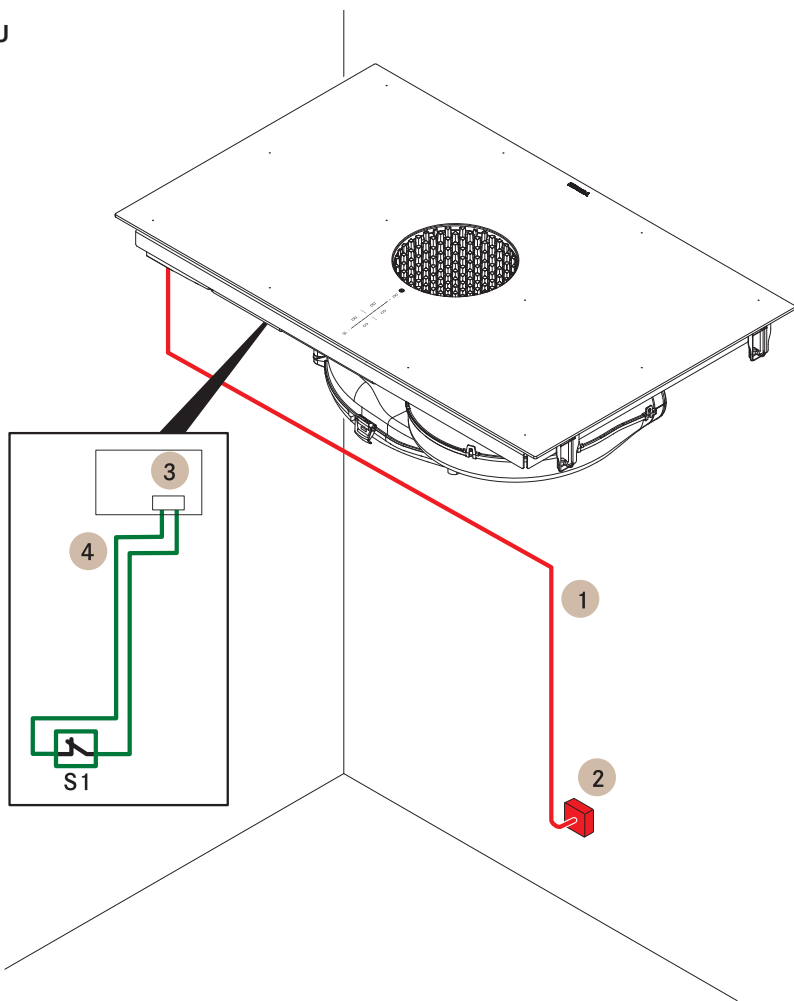


X PURE

Connection diagram

BORA X Pure

BORA X Pure PUXA/PUXU



| Position | Description | Note |
|----------|-----------------------------------------------------------|--------------------------------------------------------------------------------|
| 1 | Power supply cable for the cooktop with cooktop extractor | The connection cable must be provided at the installation site |
| 2 | Power supply | L1/L2/L3/N/PE Minimum fuse protection 3 x16 A |
| 3 | Home-In connection | 12 V/ 35 mA (Home In module PUHIM required) |
| S1 | External switch contact | E.g. window contact switch for operating in exhaust mode with flues/fireplaces |
| 4 | Connection cable Home-In | Max. length 10 m |

The connection diagram shows the maximum connection options required and is for planning purposes only.
The connection itself must be carried out by a qualified specialist based on the operating instructions.

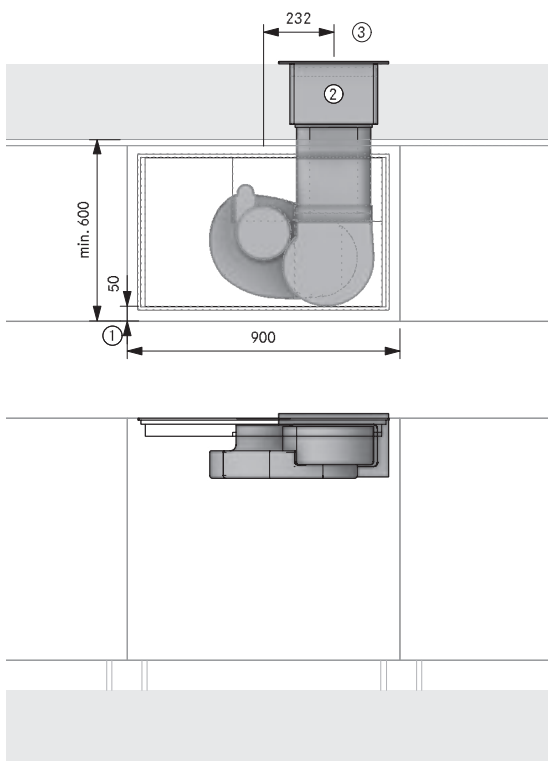
Model plans

BORA X Pure

see more model plans at <https://partner.bora.com>

PUXA – exhaust air model for kitchen units

MP_4500 – with air flow towards the back



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Wall opening at least 310 x 155 mm. 71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions
- ③ In the case of ducting ≤ 900 mm with no bend between the fan and wall sleeve, the UEBFES/UEBRES is required

BORA product

- 1 PUXA X Pure surface induction glass ceramic cooktop with integrated cooktop extractor – exhaust air

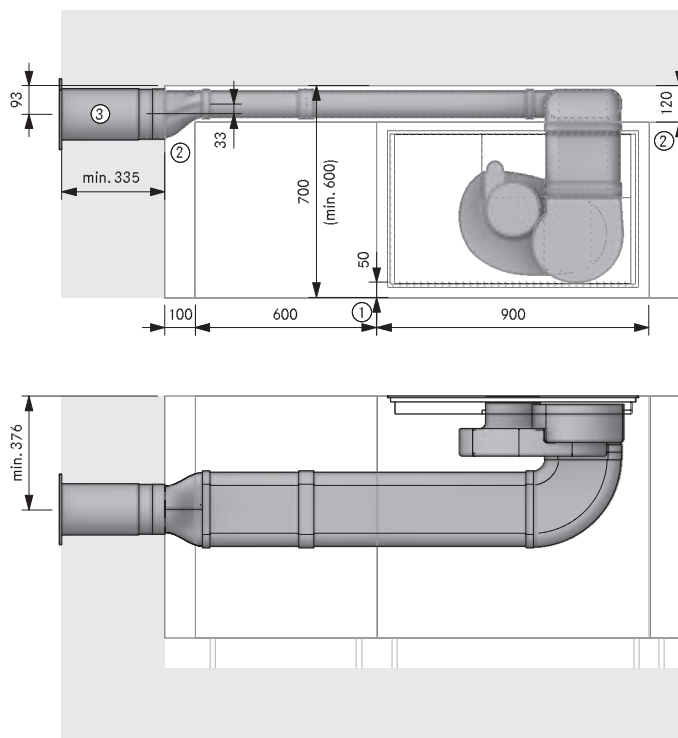
BORA Ecotube product

- 1 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 1 UEBFES/1 3box wall sleeve safety guard
- 1 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design

PUXA – exhaust air model for kitchen units

MP_4509 – with airflow towards the left upper edge



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Core bore hole at least $\varnothing 180$ mm. Must expel air in a straight line regardless of the weather conditions

BORA product

- 1 PUXA X Pure surface induction glass ceramic cooktop with integrated cooktop extractor – exhaust air

BORA Ecotube product

- 1 EFBH90/1 90° bend, shallow horizontal
- 1 EFBV90/1 90° bend, shallow vertical
- 1 EFRG/1 transition, shallow round straight
- 2 EFV/1 duct connection, shallow
- 1 UEBR/1 3box wall sleeve, round
- 1 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750mm

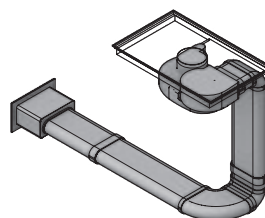
Sealing material is included in the scope of delivery in the case of moulded parts with a socket design

Installation may only be carried out in accordance with the applicable standards, regulations and laws.

BORA X Pure

see more model plans at <https://partner.bora.com>

MP_4704 – with airflow towards the left in the floor

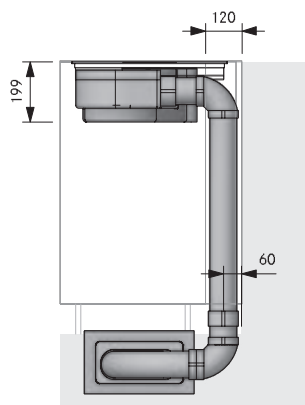


- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Ecotube connection point
- ④ Fitted in floor installation according to DIN 18560-2 (fully integrated in the levelling layer). If the structure deviates from this, reinforced screed must be provided for
- ⑤ Wall opening 310 x 155 mm. 71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

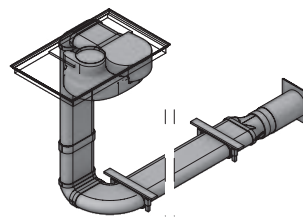
1 PUXA X Pure surface induction glass ceramic cooktop with integrated cooktop extractor – exhaust air

- 1 EFBH90/1 90° bend, shallow horizontal
- 2 EFBV90/1 90° bend, shallow vertical
- 3 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 2 EF750/1 shallow duct 750 mm
- 2 EFS750/1 shallow duct with partition 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



MP_4851 – with airflow towards the right in the basement



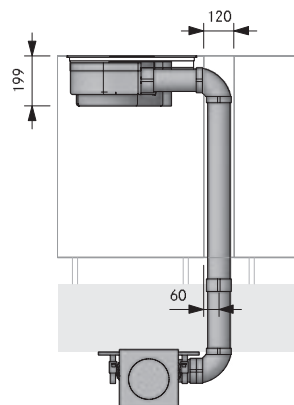
- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Opening at least 110 x 270 mm
- ④ One mounting bracket set per Ecotube product with moulded coupling
- ⑤ Core bore hole at least Ø 180 mm. Must expel air in a straight line regardless of the weather conditions

1 PUXA X Pure surface induction glass ceramic cooktop with integrated cooktop extractor – exhaust air

- 1 EFBH90/1 90° bend, shallow horizontal
- 2 EFBV90/1 90° bend, shallow vertical
- 1 EFRG/1 transition, shallow round straight
- 2 EFV/1 duct connection, shallow
- 1 UEBR/1 3box wall sleeve, round
- 2 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

EFV/1 duct connection, shallow
EF750/1 shallow duct 750 mm
EFMS/1 shallow installation set

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



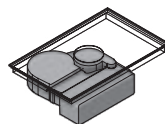
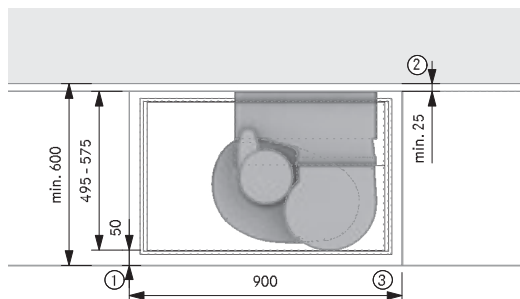
Model plans

BORA X Pure

see more model plans at <https://partner.bora.com>

PUXU – recirculation model for kitchen units

MP_4920 – with air flow towards the back

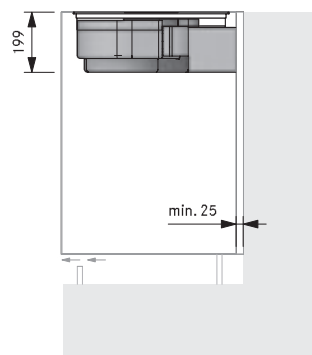
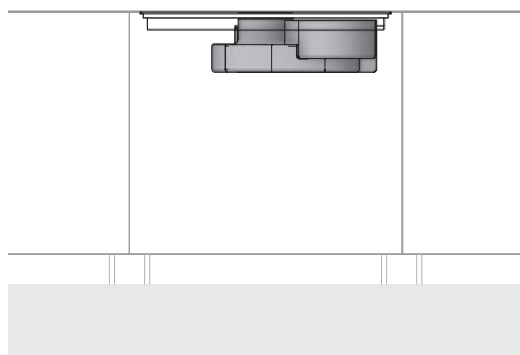


Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Ensure that there is at least 25 mm between the back of the unit and the adjacent structure
- ③ Unobstructed return flow aperture of at least 500 cm²

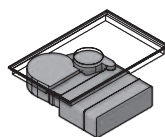
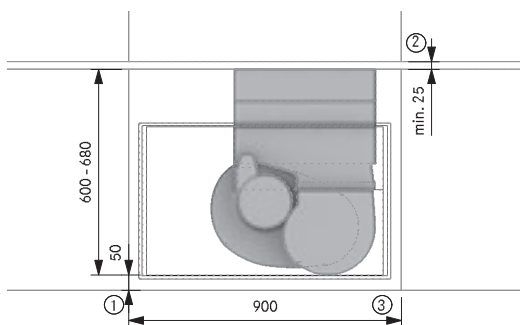
BORA product

- 1 PUXU X Pure surface induction glass ceramic cooktop with integrated cooktop extractor – recirculation



PUXU – recirculation model for kitchen islands

MP_4921 with air flow towards the back and additional telescopic pull-out

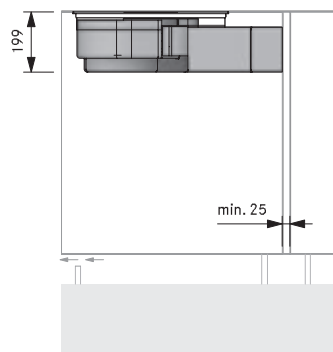
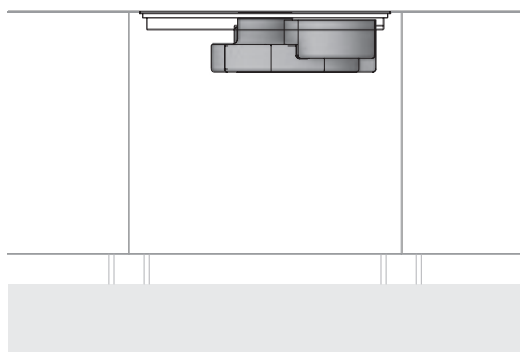


Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Ensure that there is at least 25 mm between the back of the unit and the adjacent structure
- ③ Unobstructed return flow aperture of at least 500 cm²

BORA product

- 1 PUXU X Pure surface induction glass ceramic cooktop with integrated cooktop extractor – recirculation
- 1 PULBTA Pure air cleaning box telescopic pull-out



Installation may only be carried out in accordance with the applicable standards, regulations and laws.

BORA Pure Highlights

Minimalistic design

The cooktop and extractor are ideal for flush installation. The perfect lines allow them to blend in discreetly and elegantly with any modern kitchen design. When on standby, the operating panel is virtually invisible and during operation it is scaled down to the essentials thanks to intelligent lighting.

Minimum volume

Always markedly quiet - even at high power levels: The reason lies in the optimal airflow and the use of an extremely low-noise fan. There are no distractions when cooking and no interruptions when entertaining.

Integrated grease drip pan

If anything is spilt during cooking, the integrated drip tray safely catches both solids and liquids.

eSwap

In recirculation mode odours are neutralised by a highly efficient activated charcoal filter. To make life easier, the filter is changed from the top through the air inlet aperture - without having to remove drawers or plinth panels.

Compact size

Due to its compact dimensions, the system fits into almost any kitchen, even small ones, and creates room for additional wall units by eliminating the extractor hood.

Intuitive sControl control

The unique vertical slider makes operation via the intuitive up and downwards movement of your finger or direct tapping with the fingertip even easier. All of the important functions are at your fingertips in a flash.

Simple cleaning

All parts that come into contact with cooking vapours can be easily removed through the accessible, wide inlet opening. They can then be cleaned in the dishwasher, where they take up very little space.

Oversized 4 24 cooking surface

Thanks to the central operating panel and the optimum arrangement of the cooking zones, BORA Basic offers room to cook with 4 large pots measuring up to 24cm at the same time.

Maximum storage space

At under 200mm, the low installation height and integrated recirculation unit guarantee maximum storage space for pots and other kitchen utensils in the cupboard below. Even in 60-cm-deep kitchen units, no drawers need to be shortened in recirculation mode. A change from the norm.

Automatic extractor control

The extractor power level automatically adjusts itself according to current cooking conditions. There's no need for constant manual adjustment, which means you can focus fully on your cooking.



PURA

BORA Pure induction cooktop with integrated cooktop extractor - Exhaust air

PURU

BORA Pure induction cooktop with integrated cooktop extractor - Recirculation



PUED

BORA Pure air inlet nozzle black



PUEDG

BORA Pure air inlet nozzle greige



PUEDR

BORA Pure air inlet nozzle red



PUEDJ

BORA Pure air inlet nozzle jade green



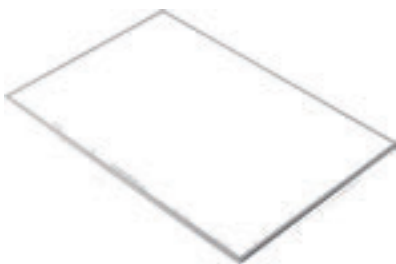
PUEDO

BORA Pure air inlet nozzle orange



PUEDB

BORA Pure air inlet nozzle blue



BKR760

BORA cooktop frame
for width 760mm



USL515

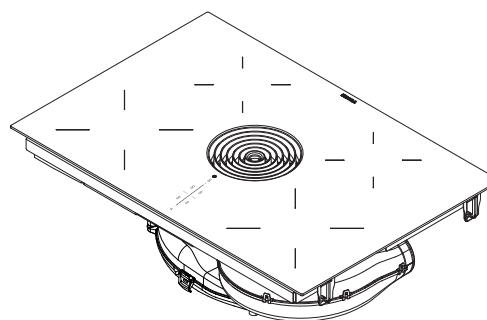
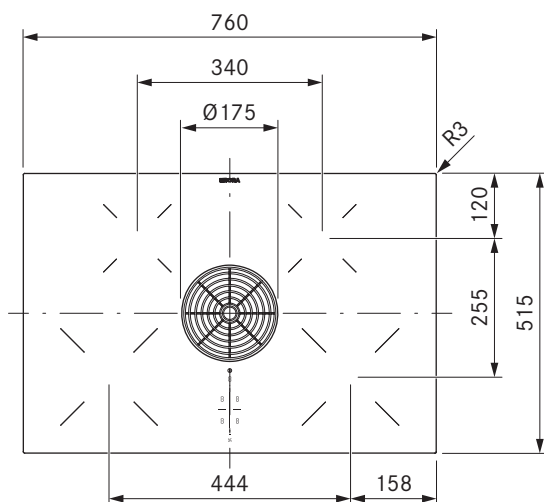
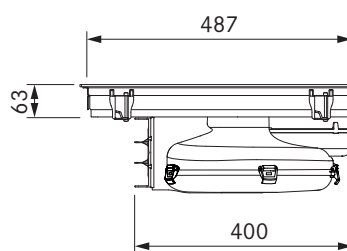
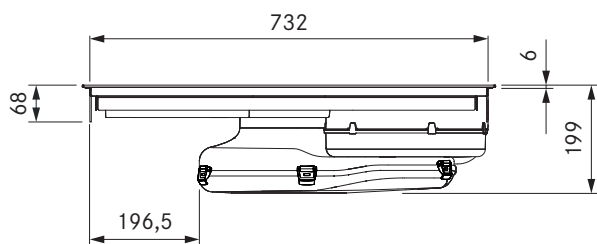
BORA side frame for cooktop depth 515mm

USL515AB

BORA side frame for cooktop depth 515mm All Black

PURA

BORA Pure induction cooktop with integrated cooktop extractor - Exhaust air



technical data

| | |
|-------------------------------------------|--------------------------------|
| Multiphase supply voltage | 380 - 415 V 2N/3N |
| Single-phase supply voltage | 220 - 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 7,6 kW (4,4 kW / 3,6 kW) |
| Three-phase power supply/fuse protection | 3 x 16 A (standard connection) |
| Two-phase power supply/fuse protection | 2 x 16 A |
| Single-phase power supply/fuse protection | 1 x 32 A (1 x 20 A / 1 x 16 A) |
| Dimensions (WxDxH) | 760 x 515 x 199 mm |
| Weight (incl. accessories/packages) | 22,5 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop extractor power levels | 1 - 9, P |
| Cooktop power levels | 1 - 9, P |
| duct connection | BORA Ecotube |
| Size of front cooking zone | Ø 210 mm |
| Size of rear cooking zone | Ø 175 mm |
| Front cooking zone output | 2300 W |
| Rear cooking zone output | 1400 W |
| Front cooking zone power setting output | 3000 W |
| Rear cooking zone power setting output | 2100 W |

Product description

- Intuitive sControl control
- Minimum volume
- Simple cleaning
- Integrated grease drip pan
- Oversized 4 24 cooking surface
- Maximum storage space
- Compact size
- Automatic extractor control
- Large overflow tray
- Demo mode

Scope of delivery

- Induction cooktop with integrated cooktop extractor - exhaust air PURA
- Air inlet nozzle black
- stainless steel grease filter
- operating and installation instructions
- Mounting clamps
- sealing tape
- height adjustment plate set
- Housing cover power supply
- Installation accessories for the power supply
- Glass ceramic scraper

Accessories

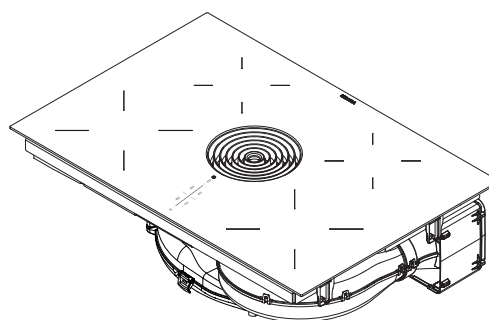
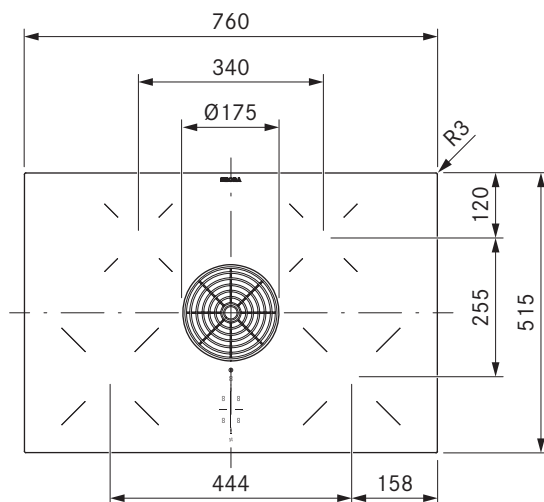
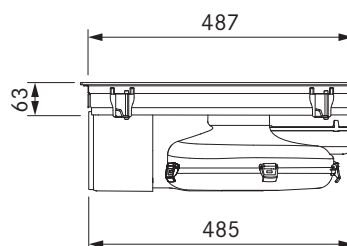
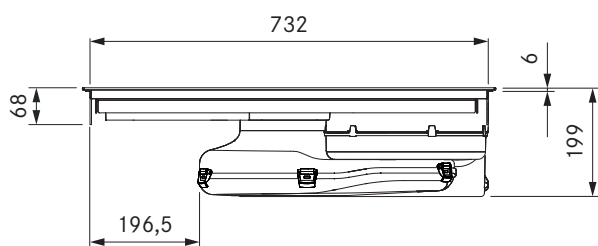
- Air inlet nozzle black PUED
- Air inlet nozzle greige PUEDG
- Air inlet nozzle red PUEDR
- Air inlet nozzle jade green PUEDJ
- Air inlet nozzle orange PUEDO
- Air inlet nozzle blue PUEDB
- Stainless steel grease filter PUEF
- UDB25 sealing tape
- BKR760 cooktop frame
- Home In module PUHIM
- Air purification box PULB
- Air purification box telescopic pull-out PULBTA

product- and planning instructions

- The connection cable must be provided at the installation site
- Front power socket
- The BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- An interface for external devices is possible with the optional accessory PUHIM Pure Home In module.
- Ensure sufficient ventilation of the area below the cooktop.
- Installation type: flush or surface-mounted
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- Please note that induction-compatible cookware must be used on induction cooktops
- The PURE cooktop extractor system can be combined with all BORA sockets
- Not compatible with BORA universal extractors

PURU

BORA Pure induction cooktop with integrated cooktop extractor - Recirculation



technical data

| | |
|-------------------------------------------|----------------------------------------------|
| Multiphase supply voltage | 380 – 415 V 2N/3N |
| Single-phase supply voltage | 220 – 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 7,6 kW (4,4 kW / 3,6 kW) |
| Three-phase power supply/fuse protection | 3 x 16 A (standard connection) |
| Two-phase power supply/fuse protection | 2 x 16 A |
| Single-phase power supply/fuse protection | 1 x 32 A (1 x 20 A / 1 x 16 A) |
| Dimensions (WxDxH) | 760 x 515 x 199 mm |
| Weight (incl. accessories/packaging) | 24,5 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop extractor power levels | 1 – 9, P |
| Cooktop power levels | 1 – 9, P |
| Size of exhaust opening | 445 x 137 mm |
| Size of front cooking zone | Ø 210 mm |
| Size of rear cooking zone | Ø 175 mm |
| Front cooking zone output | 2300 W |
| Rear cooking zone output | 1400 W |
| Front cooking zone power setting output | 3000 W |
| Rear cooking zone power setting output | 2100 W |
| Filter medium | Activated charcoal filter with ion exchanger |
| Filter material | Filter panel with fine filter |
| Maximum filter service life | 150 h (1 year) |

Product description

- Intuitive sControl control
- eSwap
- effective odour removal
- Minimum volume
- Simple cleaning
- Integrated grease drip pan
- Oversized 4 24 cooking surface
- Maximum storage space
- Automatic extractor control
- Demo mode

Scope of delivery

- Induction cooktop with integrated cooktop extractor – recirculation PURU
- Air inlet nozzle black
- stainless steel grease filter
- activated charcoal filter
- operating and installation instructions
- drilling template
- Mounting clamps
- sealing tape
- height adjustment plate set
- Housing cover power supply
- Installation accessories for the power supply
- Glass ceramic scraper

Accessories

- Air inlet nozzle black PUED
- Air inlet nozzle greige PUEDG
- Air inlet nozzle red PUEDR
- Air inlet nozzle jade green PUEDJ
- Air inlet nozzle orange PUEDO
- Air inlet nozzle blue PUEDB
- Stainless steel grease filter PUEF
- Activated charcoal filter PUAKE
- UDB25 sealing tape
- BKR760 cooktop frame
- Air purification box telescopic pull-out PULBTA

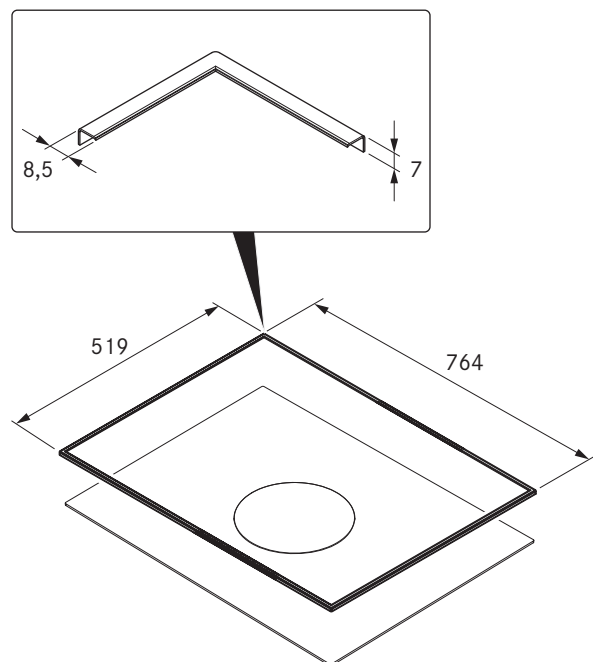
product- and planning instructions

- The connection cable must be provided at the installation site
- Front power socket
- The air cleaning box is fitted with a telescopic pull-out (extension to 80 mm) for connection to the back wall of the unit
- The telescopic extension of the air purification box in extra-deep cooktop base cabinets can be extended by 105 mm with an additional telescopic extension PULBTA (available as accessory)
- Ensure sufficient ventilation of the area below the cooktop.
- Installation type: flush or surface-mounted
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- Please note that induction-compatible cookware must be used on induction cooktops
- The PURE cooktop extractor system can be combined with all BORA sockets

BKR760

BORA PURE
ACCESSORIES

BORA cooktop frame for width 760mm



technical data

| | |
|--------------------|-------------------------|
| Dimensions (WxDxH) | 764 x 519 x 7 mm |
| Material | Brushed stainless steel |
| Glue setting time | 24 h |

Product description

- Protection of glass ceramics
- Simple installation
- High-quality material
- matching accessories

Scope of delivery

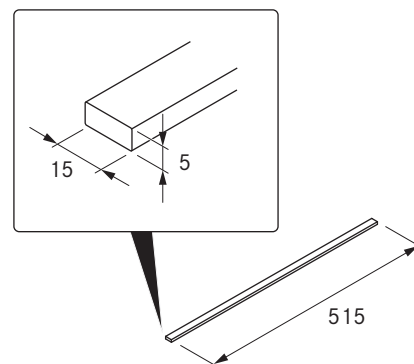
- BKR760 cooktop frame with adhesive tape
- sealing tape
- Glass cleaning cloth
- height adjustment plate set
- installation instructions

USL515 / USL515AB

BORA PURE
ACCESSORIES

BORA side frame for cooktop depth 515mm

BORA side frame for cooktop depth 515mm All Black



technical data

| | |
|--------------------|-------------------------|
| Dimensions (WxDxH) | 15 x 515 x 5 mm |
| Material | Brushed stainless steel |
| Glue setting time | 24 h |

Product description

- Protection of glass ceramics
- Simple installation
- High-quality material
- matching accessories

Scope of delivery

- 2 x side frame USL515 / USL515AB
- Cleaning cloth
- installation instructions

Energy efficiency

BORA Pure

| Product description | BORA Pure induction cooktop with integrated cooktop extractor PURA | |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------|-------------|
| Operating mode | Exhaust air | |
| Energy consumption | Value | EN standard |
| Annual energy consumption (AEC _{hood}) | 33,7 kWh/a | 61591 |
| Energy efficiency class | A+ | 61591 |
| Flow volume | | |
| Fluid dynamic efficiency (FDE _{hood}) | 32,6 % | 61591 |
| Fluid dynamic efficiency class | A | 61591 |
| Air flow level 1 minimum | 179,1 m³/h | 61591 |
| Air flow level 9 maximum | 548,3 m³/h | 61591 |
| Air flow power setting (Q _{Max}) | 622 m³/h | 61591 |
| Lighting | | |
| Lighting efficiency (LE _{hood}) | * lx/Watt | * |
| Lighting efficiency class | * | * |
| Grease filtering | | |
| Level 9 maximum (GFE _{hood}) | 97,8 % | 61591 |
| Class at maximum power level | A | 61591 |
| Sound power level | | |
| Level 1 minimum | 40,1 dB(A) | 60704-2-13 |
| Level 9 maximum | 65,8 dB(A) | 60704-2-13 |
| Power setting | 67,7 dB(A) | 60704-2-13 |
| Sound pressure level (additional details) | | |
| Level 1 minimum | 27,5 dB(A) | ** |
| Level 9 maximum | 53,2 dB(A) | ** |
| Power setting | 55,1 dB(A) | ** |
| Details according to 66/2014 | | |
| Power consumption in off mode (P _O) | 0,12 W | 61591 |
| Time increase factor | 0,8 | 61591 |
| Energy efficiency index (EEI _{hood}) | 42,8 | 61591 |
| Air volume flow at the best efficiency point (Q _{BEP}) | 304,3 m³/h | 61591 |
| Pressure at the best efficiency point (P _{BEP}) | 446 Pa | 61591 |
| Electric power input at the best efficiency point (W _{BEP}) | 115,5 W | 61591 |

Information on the energy consumption label in accordance with Ordinance (EU) no. 65/2014 or 66/2014.

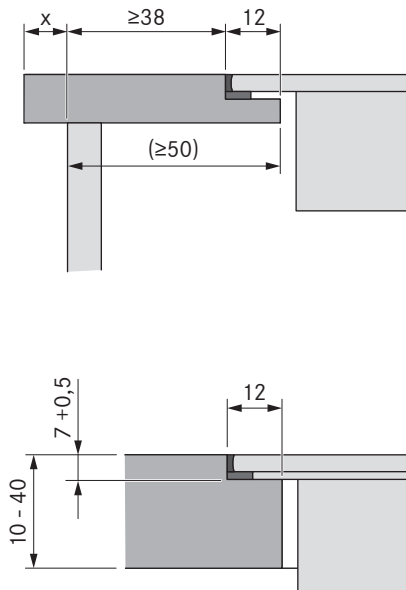
* This specification is not applicable for this product.

** The sound pressure level has been determined from a distance of 1 m (distance-dependent level recording) on the basis of the sound power level established in EN 60704 - 2 - 13.

Cut-out dimensions

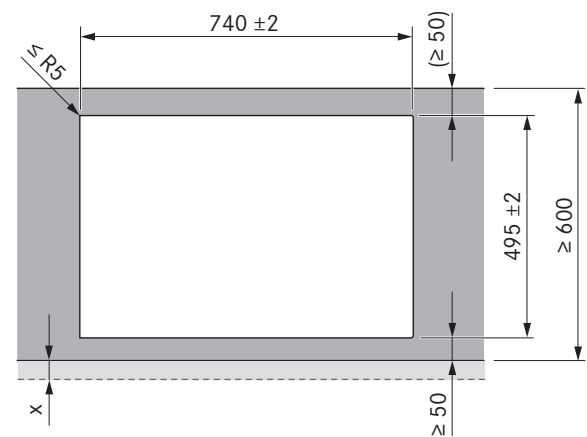
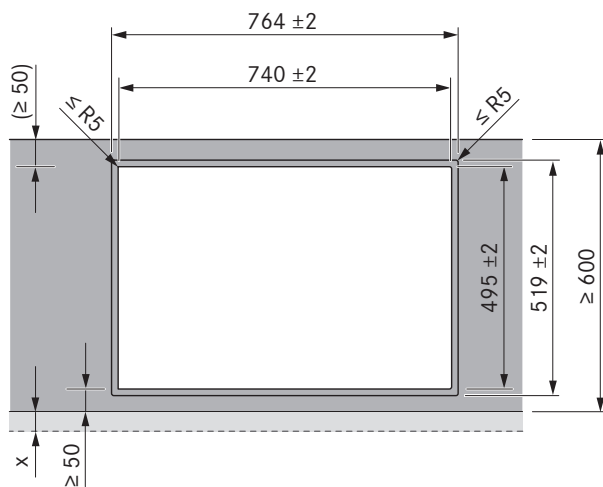
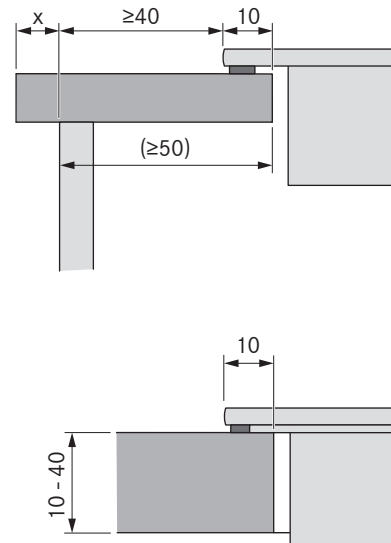
BORA Pure PURA/PURU

Flush installation



Surface mounting

(with or without cooktop frame)



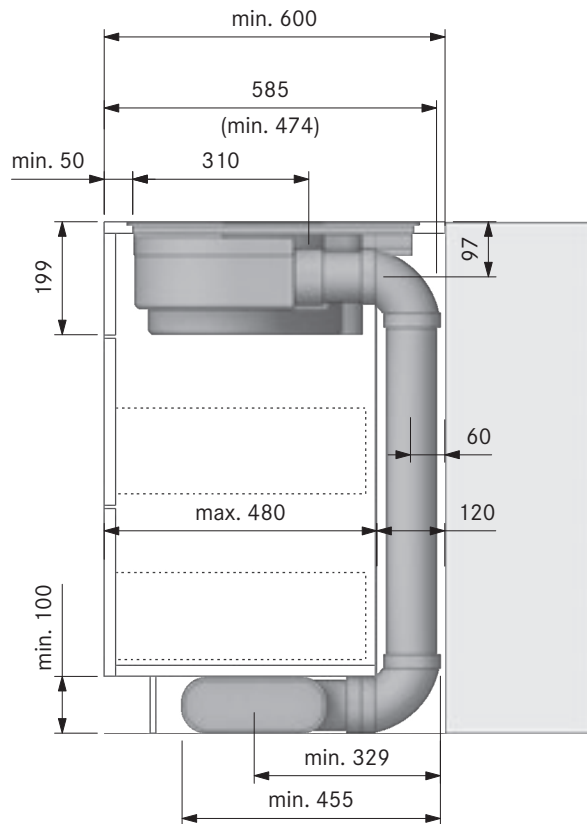
Important planning instructions:

- All dimensions from the front edge of the front cover.
- Cut-out dimensions tolerance ± 2 mm.
- Please note the worktop manufacturer's instructions with regard to the suitability of the worktop. Worktop cut-outs must be moisture-sealed using suitable means or, where necessary, fitted with a thermal insulator (e.g. in the case of Corian or HiMacs worktops).
- Clearance of 2 mm should be planned around the built-in appliances.

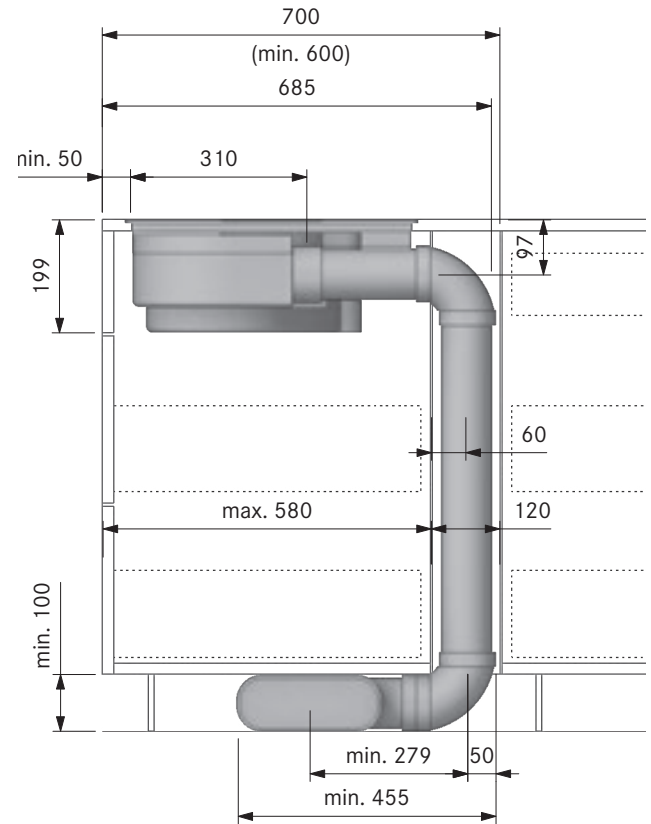
Installation cut-outs

BORA Pure

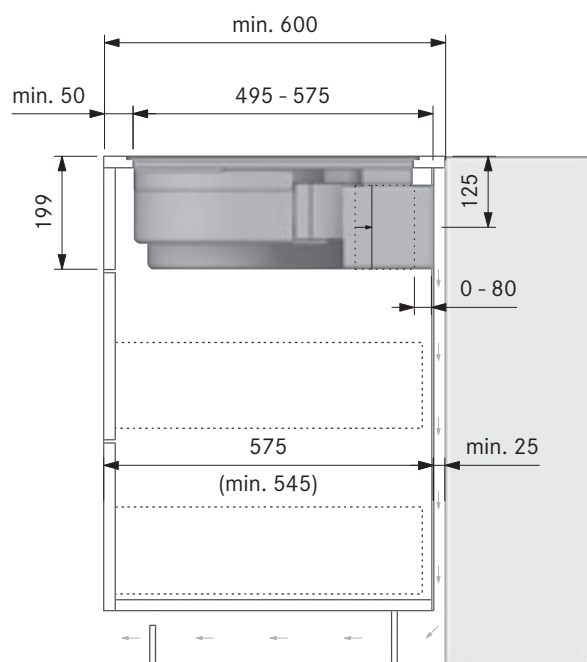
Installation cut-out PURA (kitchen counter 600):



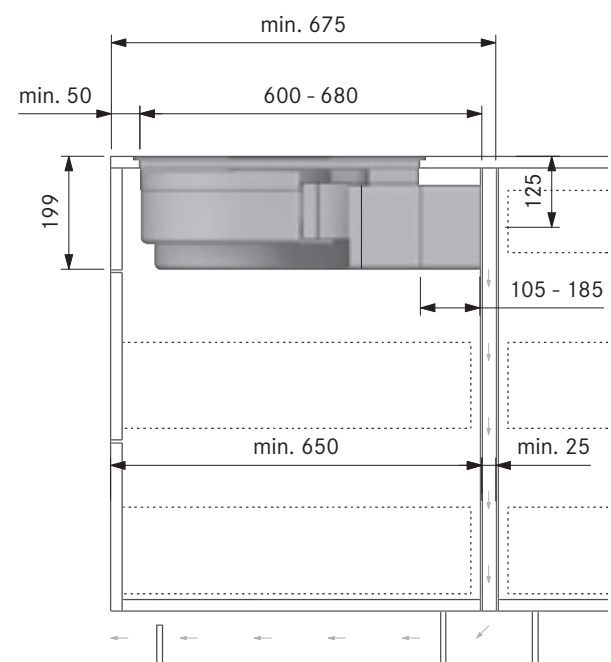
Installation cut-out PURA (kitchen island):



Installation cut-out PURU (kitchen counter 600):



Installation cut-out PURU + PULBTA (kitchen counter):

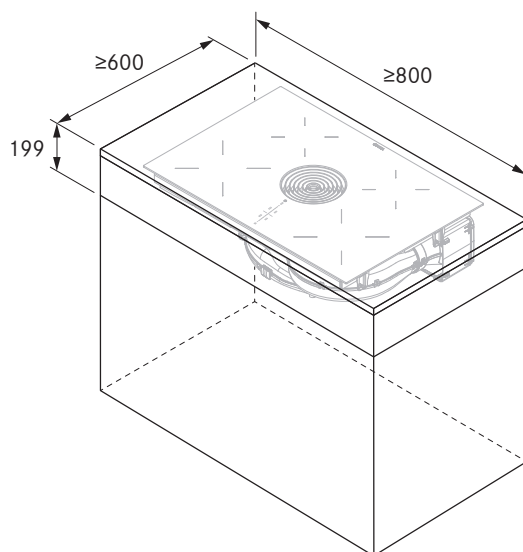


To ensure optimum extraction performance, a return flow aperture of at least 500 cm² for the air recirculation hood must be guaranteed.

Minimum dimensions for installation

BORA Pure

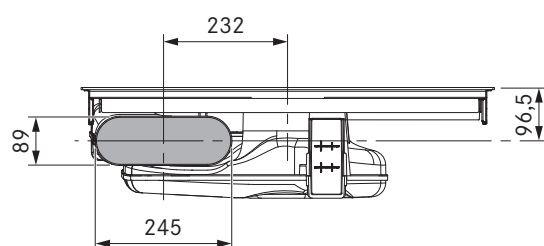
PURA/PURU



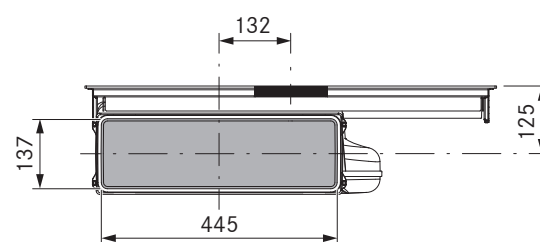
Duct connection dimensions

BORA Pure

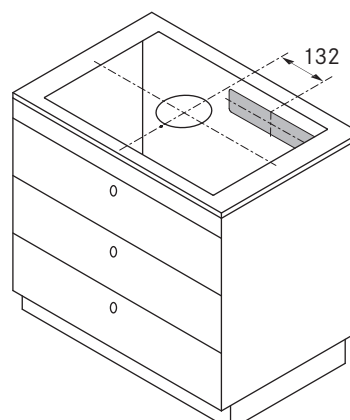
Duct connection dimensions PURA with BORA Ecotube duct connection



Duct connection dimensions PURU For return flow aperture on the back of the body



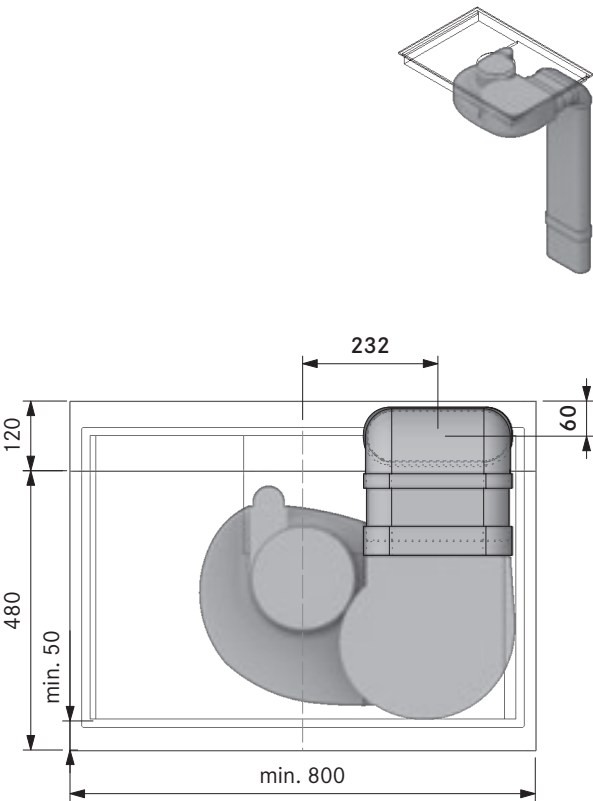
Cut-out on rear wall PURU



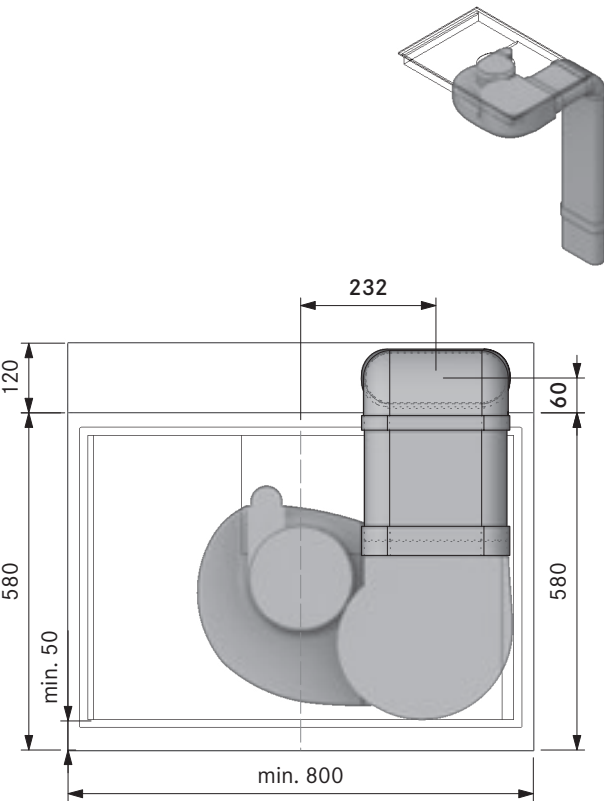
Core bore holes

BORA Pure

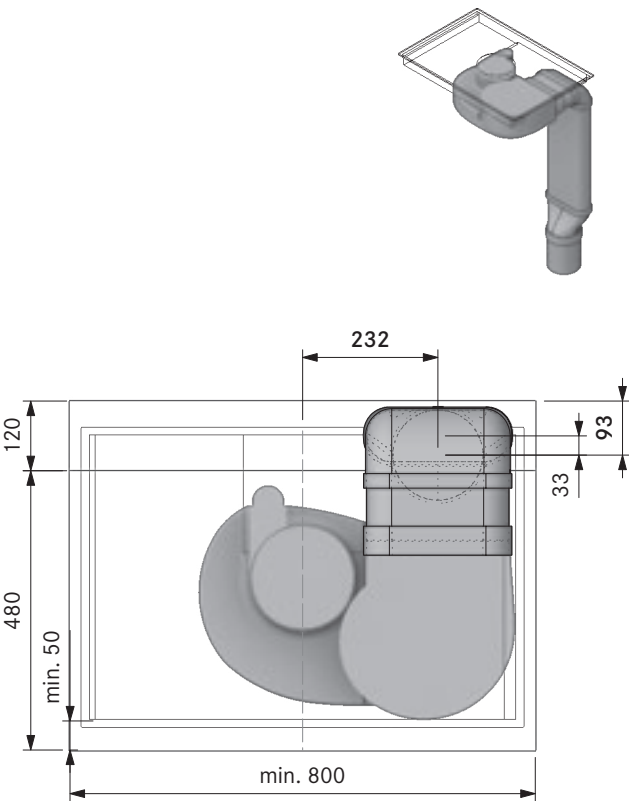
Minimum dimensions for core bore hole
PURA + EF750 (kitchen counter 600):



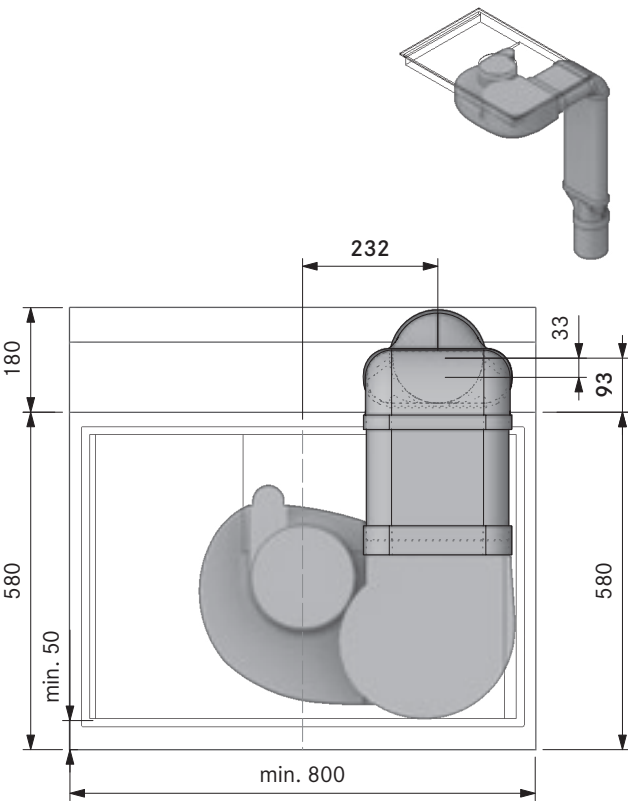
Minimum dimensions for core bore hole
PURA + EF750 (kitchen island 700):



Minimum dimensions for core bore hole
PURA + EF750 + EFRG (kitchen counter):



Minimum dimensions for core bore hole
PURA + EF750 + EFRG (kitchen island):

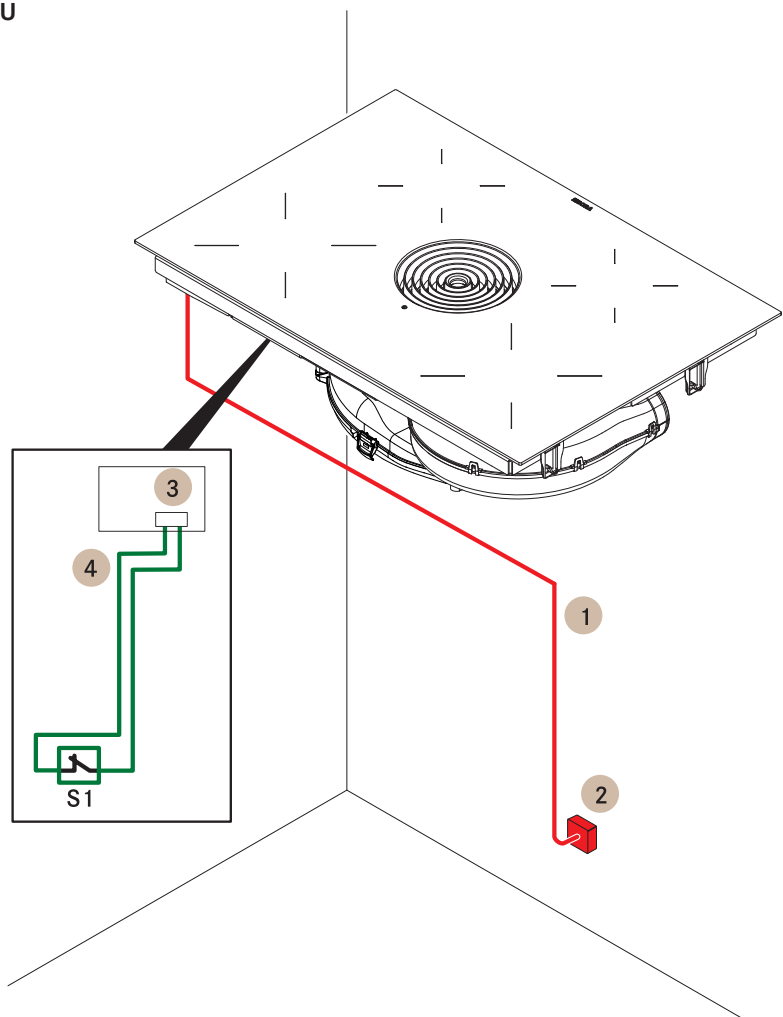


PURE

Connection diagram

BORA Pure

BORA Pure PURA/PURU



| Position | Description | Note |
|----------|-----------------------------------------------------------|--------------------------------------------------------------------------------|
| 1 | Power supply cable for the cooktop with cooktop extractor | The connection cable must be provided at the installation site |
| 2 | Power supply | L1/L2/L3/N/PE Minimum fuse protection 3 x16 A |
| 3 | Home-In connection | 12 V/ 35 mA (Home In module PUHIM required) |
| S1 | External switch contact | E.g. window contact switch for operating in exhaust mode with flues/fireplaces |
| 4 | Connection cable Home-In | Max. length 10 m |

The connection diagram shows the maximum connection options required and is for planning purposes only.
The connection itself must be carried out by a qualified specialist based on the operating instructions.

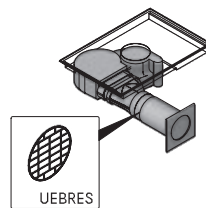
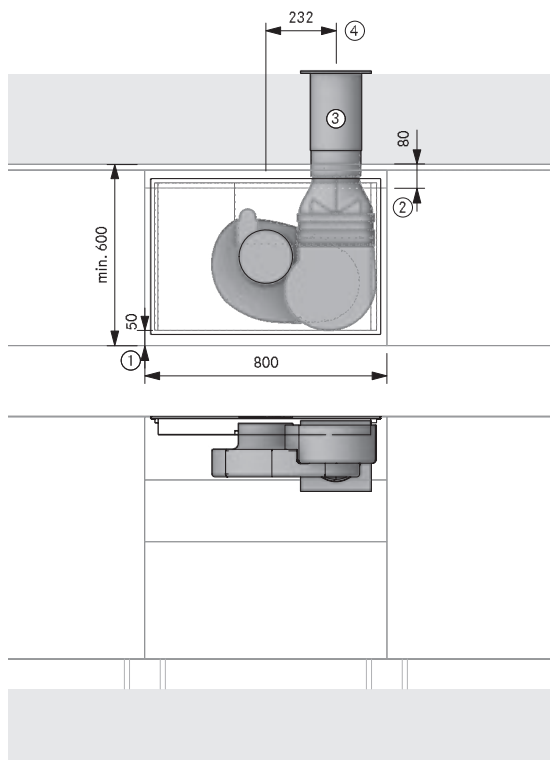
Model plans

BORA Pure

see more model plans at <https://partner.bora.com>

PURA – exhaust air model for kitchen units

MP_4002 – with air flow towards the back, round



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Outlet must be shortened
- ③ Core bore hole at least Ø180 mm. Must expel air in a straight line regardless of the weather conditions
- ④ In the case of ducting ≤ 900 mm with no bend between the fan and wall sleeve, the UEBFES/UEBRES is required

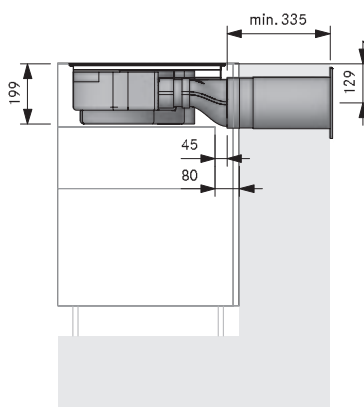
BORA product

- 1 PURA Pure induction cooktop with integrated cooktop extractor – exhaust air

BORA Ecotube product

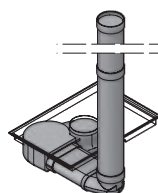
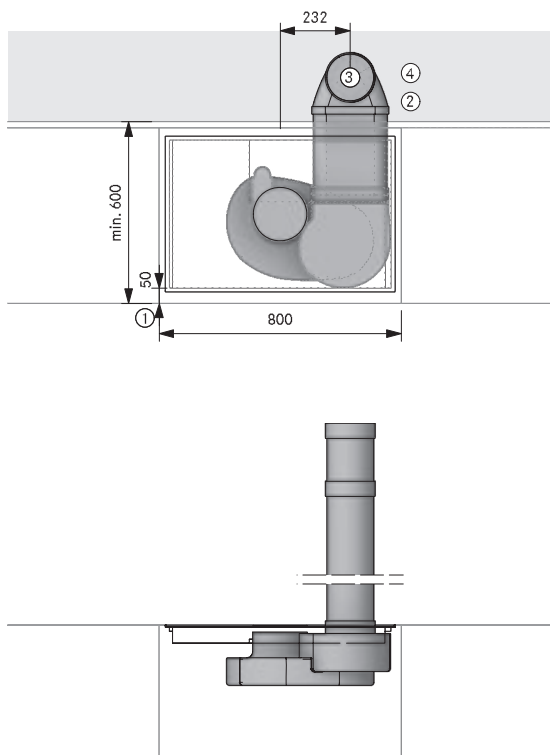
- 1 EFV/1 duct connection, shallow
- 1 EFRG/1 transition, shallow round straight
- 1 UEBR/1 3box wall sleeve, round
- 1 UEBRES/1 3box wall sleeve safety guard
- 1 ER750/1 round duct 750 mm
- 1 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



PURA – exhaust air model for kitchen units

MP_4011 – with air flow towards the back in the riser cable, round



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② A condensation separator must be installed if necessary
- ③ Core bore hole at least Ø180 mm
- ④ Use a suitable roof bushing

BORA product

- 1 PURA Pure induction cooktop with integrated cooktop extractor – exhaust air

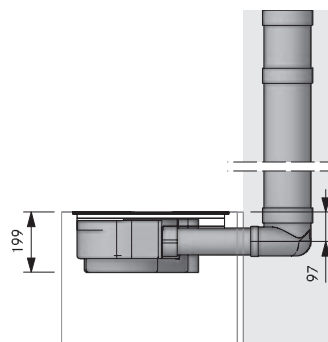
BORA Ecotube product

- 1 EFV/1 duct connection, shallow
- 1 EFR90/1 90° transition, shallow round
- 1 EF750/1 shallow duct 750 mm

BORA Ecotube product according to requirements

- ERV/1 duct connection, round
- ER750/1 round duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



Installation may only be carried out in accordance with the applicable standards, regulations and laws.

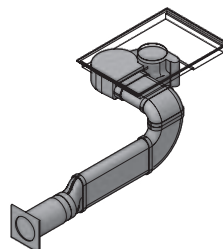
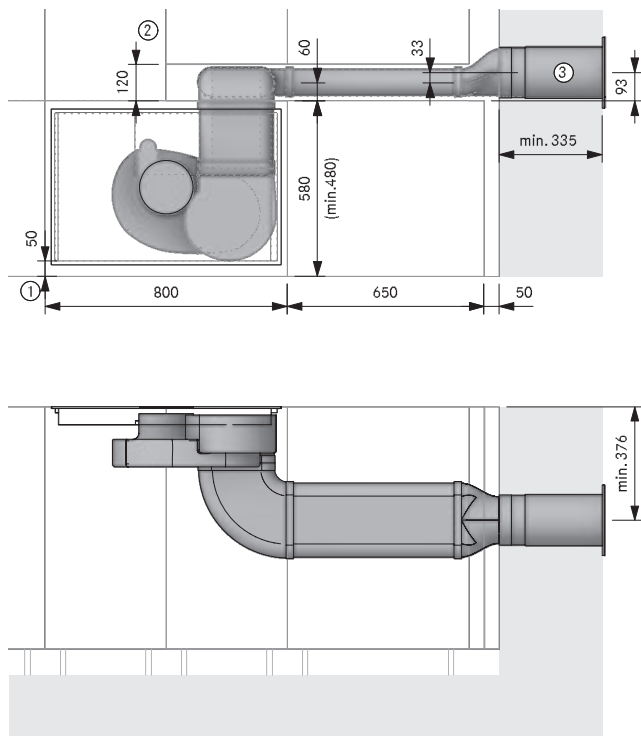
Model plans

BORA Pure

see more model plans at <https://partner.bora.com>

PURA – exhaust air model for kitchen islands

MP_4050 – with air flow towards the right upper edge



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Core bore hole at least Ø180mm
Must expel air in a straight line regardless of the weather conditions

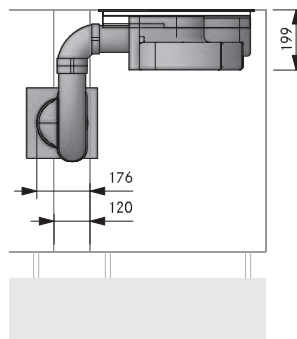
BORA product

- 1 PURA Pure induction cooktop with integrated cooktop extractor – exhaust air

BORA Ecotube product

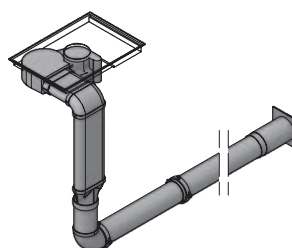
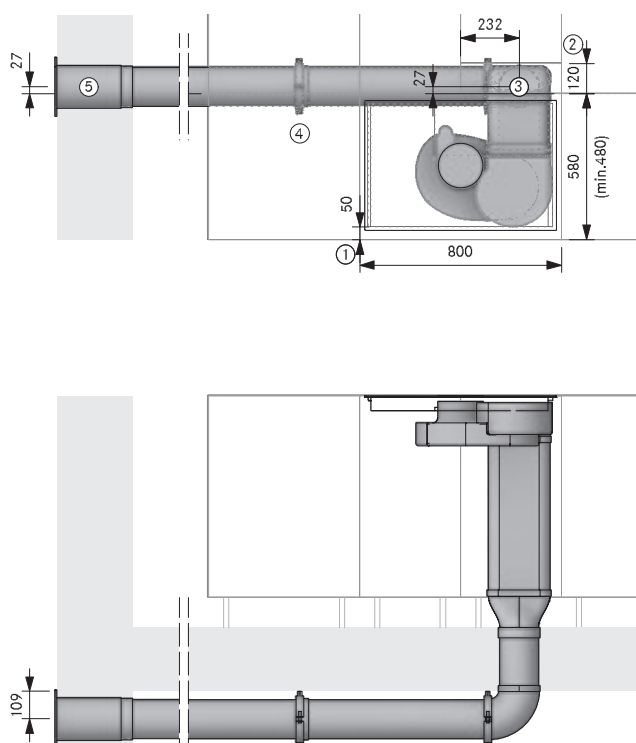
- 1 EFBH90/1 90° bend, shallow horizontal
- 1 EFBV90/1 90° bend, shallow vertical
- 1 EFRG/1 transition, shallow round straight
- 1 EFV/1 duct connection, shallow
- 1 UEBR/1 3box wall sleeve, round
- 2 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



PURA – exhaust air model for kitchen islands

MP_4358 – with airflow towards the left in the basement, round



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Core bore hole at least Ø180 mm
- ④ One mounting bracket set per Ecotube product with moulded coupling
- ⑤ Core bore hole at least Ø180 mm.
Must expel air in a straight line regardless of the weather conditions

BORA product

- 1 PURA Pure induction cooktop with integrated cooktop extractor – exhaust air

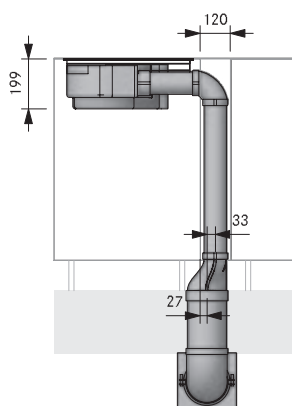
BORA Ecotube product

- 1 EFV/1 duct connection, shallow
- 1 EFBV90/1 90° bend, shallow vertical
- 1 EFRG/1 transition, shallow round straight
- 1 ERB90/1 90° bend, round
- 1 UEBR/1 3box wall sleeve, round
- 1 ER750/1 round duct 750 mm
- 2 EF750/1 shallow duct 750 mm

BORA Ecotube product according to requirements

- ERV/1 duct connection, round
- ER750/1 round duct 750mm
- ERMS/1 installation set, round

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



Installation may only be carried out in accordance with the applicable standards, regulations and laws.

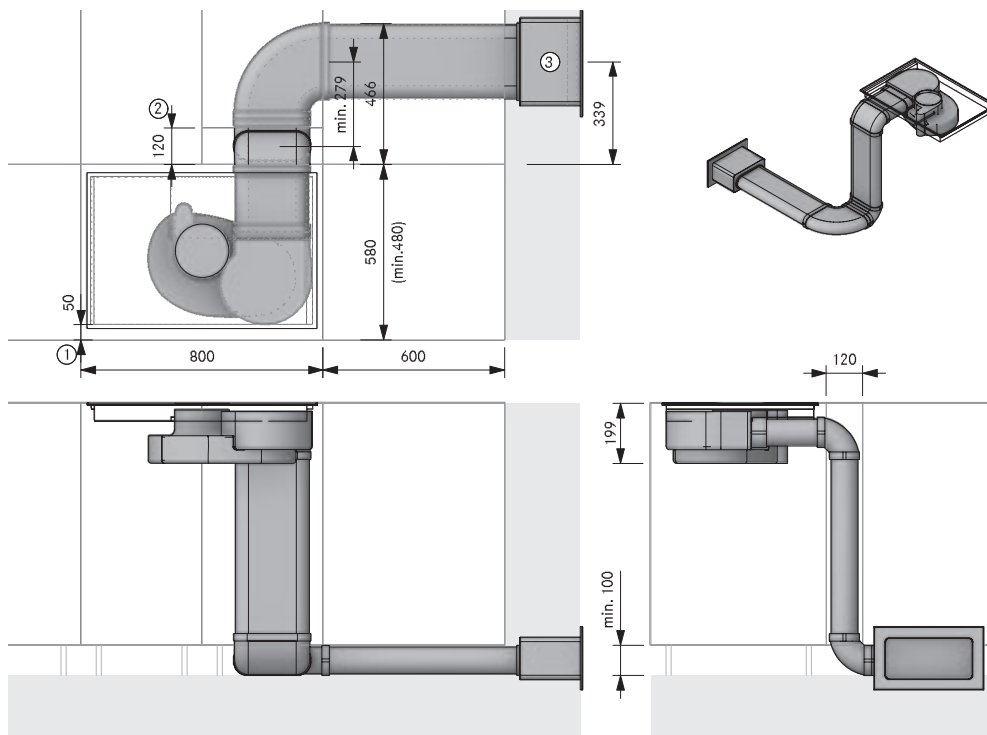
Model plans

BORA Pure

see more model plans at <https://partner.bora.com>

PURA – exhaust air model for kitchen islands

MP_4156 – with air flow towards the right in the plinth



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Wall opening 310 x 155 mm. 71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

BORA product

- 1 PURA Pure induction cooktop with integrated cooktop extractor – exhaust air

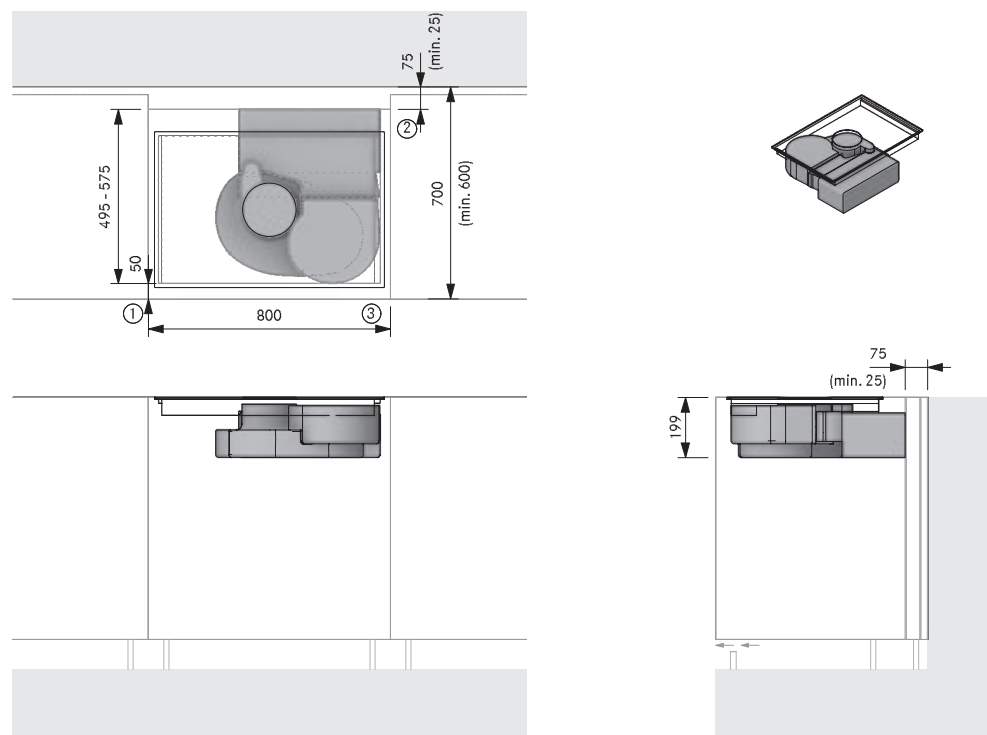
BORA Ecotube product

- 1 EFBH90/1 90° bend, shallow horizontal
- 2 EFBV90/1 90° bend, shallow vertical
- 1 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 3 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design

PURU – recirculation model for kitchen islands

MP_4411 – with air flow towards the back



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ③ At least 25 mm between the back of the unit and the adjacent structure must be provided for
- ③ Unobstructed return flow aperture of at least 500 cm²

BORA product

- 1 PURU Pure induction cooktop with integrated cooktop extractor – recirculation

Installation may only be carried out in accordance with the applicable standards, regulations and laws.

BORA Basic Highlights

Minimum volume

Thanks to the optimum airflow through the appliance and the use of a twin fan system, BORA Basic is extremely quiet even on high power levels. So it won't distract you from your cooking and your conversations won't be disturbed.

Genuine stainless steel grease filter

Compared to other frequently-used filter materials, such as aluminium, the stainless steel grease filter will not perish with ongoing cleaning in the dishwasher, retaining its original appearance (no yellowing) and stability.

Maximum storage space

At under 200mm, the low installation height and integrated recirculation unit guarantee maximum storage space for pots and other kitchen utensils in the cupboard below. Even in 60-cm-deep kitchen units, no drawers need to be shortened in recirculation mode. A change from the norm.

Free choice of cooktop

With BORA the choice is yours. Alongside the induction models, electric cooktops with conventional radiant heating elements are also available. This means that customers will always find a suitable product at BORA.

Variable heat retention function

You can choose from 3 heat retention levels with different temperature levels depending on how or what you are cooking. This means that you can keep your food warm at an optimum, constant temperature without any danger of burning it.

Simple cleaning

All parts that come into contact with cooking vapours can be easily removed through the accessible, wide inlet opening. They can then be cleaned in the dishwasher, where they take up very little space.

Oversized 4 24 cooking surface

Thanks to the central operating panel and the optimum arrangement of the cooking zones, BORA Basic offers room to cook with 4 large pots measuring up to 24cm at the same time.

Compact size

Due to its compact dimensions, the system fits into almost any kitchen, even small ones, and creates room for additional wall units by eliminating the extractor hood.

Automatic extractor control

The extractor power level automatically adjusts itself according to current cooking conditions. There's no need for constant manual adjustment, which means you can focus fully on your cooking.

childproofing feature

The child safety lock prevents the cooktop from being switched on unintentionally or without permission.



BFIA

BORA Basic surface induction glass ceramic cooktop with integrated cooktop extractor - Exhaust air

BFIU

BORA Basic surface induction glass ceramic cooktop and integrated cooktop extractor - Recirculation



BHA

BORA Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Exhaust air

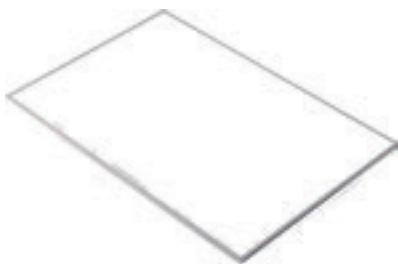
BHU

BORA Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Recirculation



BEDAB

BORA Basic air inlet nozzle All Black



BKR760

BORA cooktop frame for width 760mm

BKR830

BORA cooktop frame for width 830mm



USL5 15

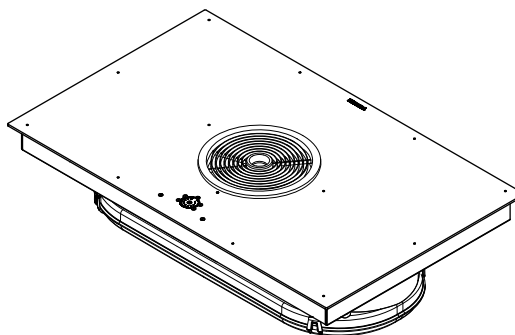
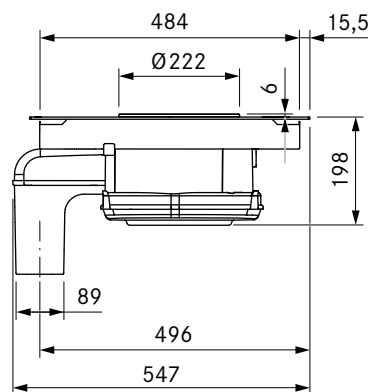
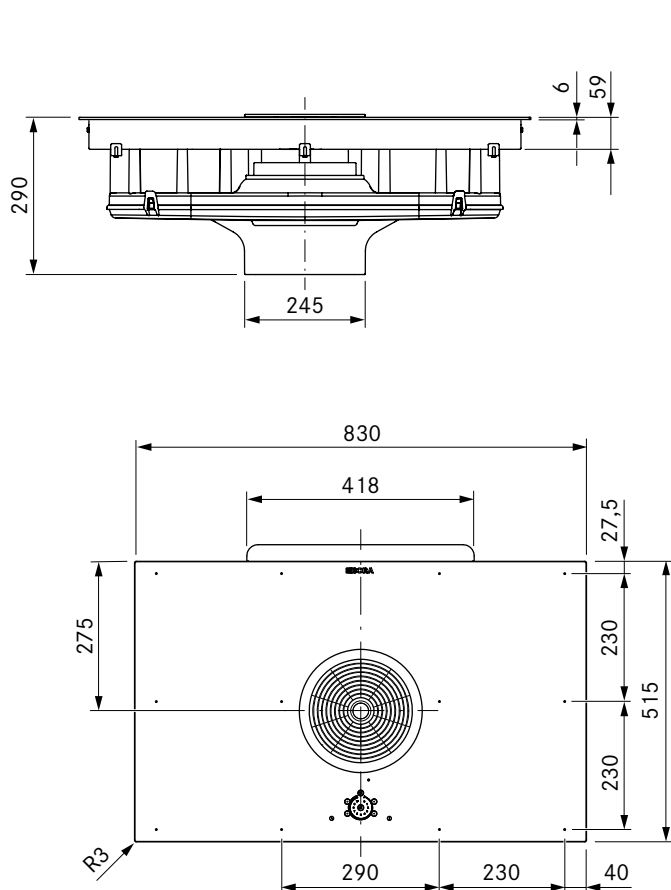
BORA side frame for cooktop depth 515mm

USL5 15AB

BORA side frame for cooktop depth 515mm All Black

BFIA

BORA Basic surface induction glass ceramic cooktop with integrated cooktop extractor - Exhaust air



technical data

| | |
|-------------------------------------------|----------------------|
| Multiphase supply voltage | 380 - 415 V 2N/3N |
| Single-phase supply voltage | 220 - 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 7,6 kW (4,4 kW) |
| Three-phase power supply/fuse protection | 3 x 16 A |
| Two-phase power supply/fuse protection | 2 x 16 A |
| Single-phase power supply/fuse protection | 1 x 32 A (1 x 20 A) |
| Dimensions (WxDxH) | 830 x 515 x 198 mm |
| Weight (incl. accessories/packaging) | Approx. 25 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop extractor power levels | 1 - 9, P |
| Cooktop power levels | 1 - 9, P |
| duct connection | BORA Ecotube |
| Size of front cooking zone | 230 x 230 mm |
| Size of rear cooking zone | 230 x 230 mm |
| Front cooking zone output | 2100 W |
| Rear cooking zone output | 2100 W |
| Front cooking zone power setting output | 3700 W |
| Rear cooking zone power setting output | 3700 W |

Product description

- Minimum volume
- Simple cleaning
- Genuine stainless steel grease filter
- Oversized 4 24 cooking surface
- Oversized surface induction cooking zones
- Maximum storage space
- Compact size
- Automatic extractor control
- Variable heat retention function
- childproofing feature

Scope of delivery

- Surface induction glass ceramic cooktop with BFIA cooktop extractor
- air inlet nozzle
- stainless steel grease filter
- BLAVH horizontal exhaust air extension
- mounting straps
- sealing tape
- glass ceramic scraper
- cable routing clips
- height adjustment plate set
- operating and installation instructions

Accessories

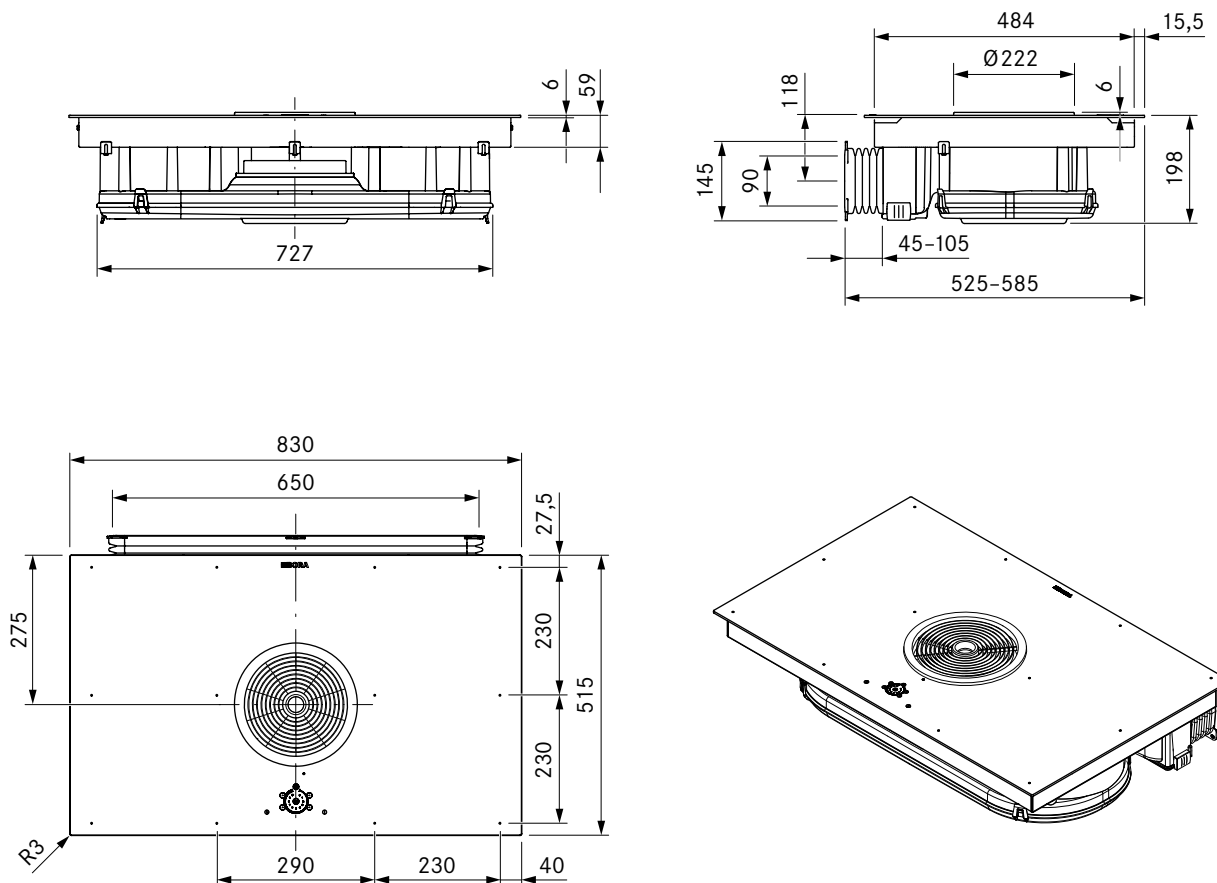
- BFF stainless steel grease filter
- BFIED air inlet nozzle
- BUSU recirculation conversion set
- UDB25 sealing tape
- BKR830 cooktop frame
- BLAVH1 exhaust air duct extension

product- and planning instructions

- The connection cable must be provided at the installation site
- Front power socket
- Use of an additional duct fan is possible for very long or complex exhaust air channels
- Please note that induction-compatible cookware must be used on induction cooktops
- The Basic cooktop extractor system can be combined with all BORA sockets

BFIU

BORA Basic surface induction glass ceramic cooktop and integrated cooktop extractor - Recirculation



technical data

| | |
|-------------------------------------------|----------------------------------------------|
| Multiphase supply voltage | 380 - 415 V 2N/3N |
| Single-phase supply voltage | 220 - 240 V |
| Frequency | 50/60 Hz |
| Maximum power consumption | 7.6 kW (4.4 kW) |
| Three-phase power supply/fuse protection | 3 x 16 A |
| Two-phase power supply/fuse protection | 2 x 16 A |
| Single-phase power supply/fuse protection | 1 x 32 A (1 x 20 A) |
| Dimensions (WxDxH) | 830 x 515 x 198 mm |
| Weight (incl. accessories/packaging) | Approx. 25 kg |
| Surface material | SCHOTT CERAN® |
| Cooktop extractor power levels | 1 - 9, P |
| Cooktop power levels | 1 - 9, P |
| Size of exhaust opening | 650 x 90 mm |
| Size of front cooking zone | 230 x 230 mm |
| Size of rear cooking zone | 230 x 230 mm |
| Front cooking zone output | 2100 W |
| Rear cooking zone output | 2100 W |
| Front cooking zone power setting output | 3700 W |
| Rear cooking zone power setting output | 3700 W |
| Filter medium | Activated charcoal filter with ion exchanger |
| Filter material | Filter panel with fine filter |
| Maximum filter service life | 150 h (1 year) |

Product description

- effective odour removal
- Minimum volume
- Simple cleaning
- Genuine stainless steel grease filter
- Oversized 4 24 cooking surface
- Oversized surface induction cooking zones
- Maximum storage space
- Compact size
- Automatic extractor control
- Variable heat retention function

Scope of delivery

- Surface induction glass ceramic cooktop with BFIU cooktop extractor
- air inlet nozzle
- stainless steel grease filter
- Activated charcoal filter set with ion exchanger
- Flexible duct with fixing screws
- mounting straps
- sealing tape
- glass ceramic scraper
- cable routing clips
- height adjustment plate set
- operating and installation instructions
- drilling template

Accessories

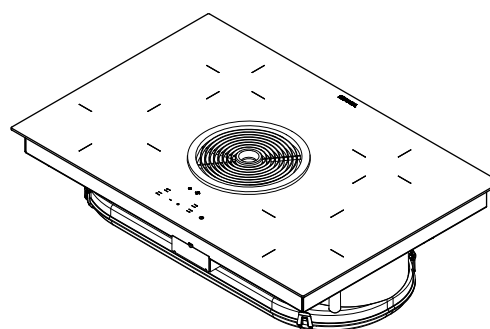
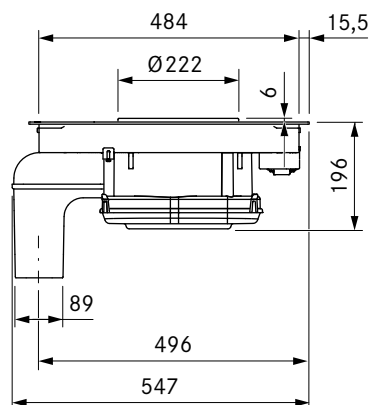
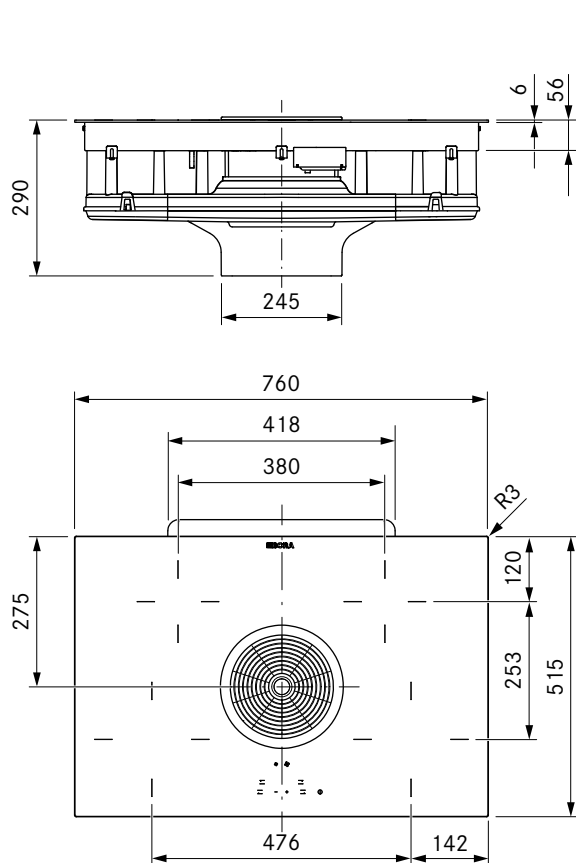
- BFF stainless steel grease filter
- BFIED air inlet nozzle
- BUSAE exhaust air conversion set
- UDB25 sealing tape
- Activated charcoal filter set with BAKFS ion exchanger (x 2)
- BKR830 cooktop frame

product- and planning instructions

- The connection cable must be provided at the installation site
- Front power socket
- Please note that induction-compatible cookware must be used on induction cooktops
- The Basic cooktop extractor system can be combined with all BORA sockets

BHA

BORA Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Exhaust air



technical data

| | |
|-------------------------------------------|--------------------------------|
| Multiphase supply voltage | 380 - 415 V 2N/3N |
| Single-phase supply voltage | 220 - 240 V |
| Frequency | 50 Hz |
| Maximum power consumption | 7.0 kW |
| Three-phase power supply/fuse protection | 3 x 16 A (standard connection) |
| Two-phase power supply/fuse protection | 2 x 16 A |
| Single-phase power supply/fuse protection | 1 x 32 A |
| Dimensions (WxDxH) | 760 x 515 x 196 mm |
| Weight (incl. accessories/packaging) | 25 kg |
| Surface material | Glass ceramic |
| Cooktop extractor power levels | 1, 2, P |
| Cooktop power levels | 1 - 9, P |
| duct connection | BORA Ecotube |
| Size of front cooking zone | Ø 210 mm |
| Size of rear cooking zone | Ø 140 mm |
| Front cooking zone output | 2300 W |
| Rear cooking zone output | 1200 W |
| Front cooking zone power setting output | 3000 W |

Product description

- Minimum volume
- Super fast parboiling
- Simple cleaning
- Genuine stainless steel grease filter
- Oversized 4 24 cooking surface
- Compact size
- Free choice of cooktop
- automatic heat up function
- childproofing feature
- Cooking zone timers

Scope of delivery

- Hyper glass ceramic cooktop with BHA cooktop extractor
- air inlet nozzle
- stainless steel grease filter
- BLAVH horizontal exhaust air extension
- mounting straps
- sealing tape
- glass ceramic scraper
- cable routing clips
- height adjustment plate set
- operating and installation instructions

Accessories

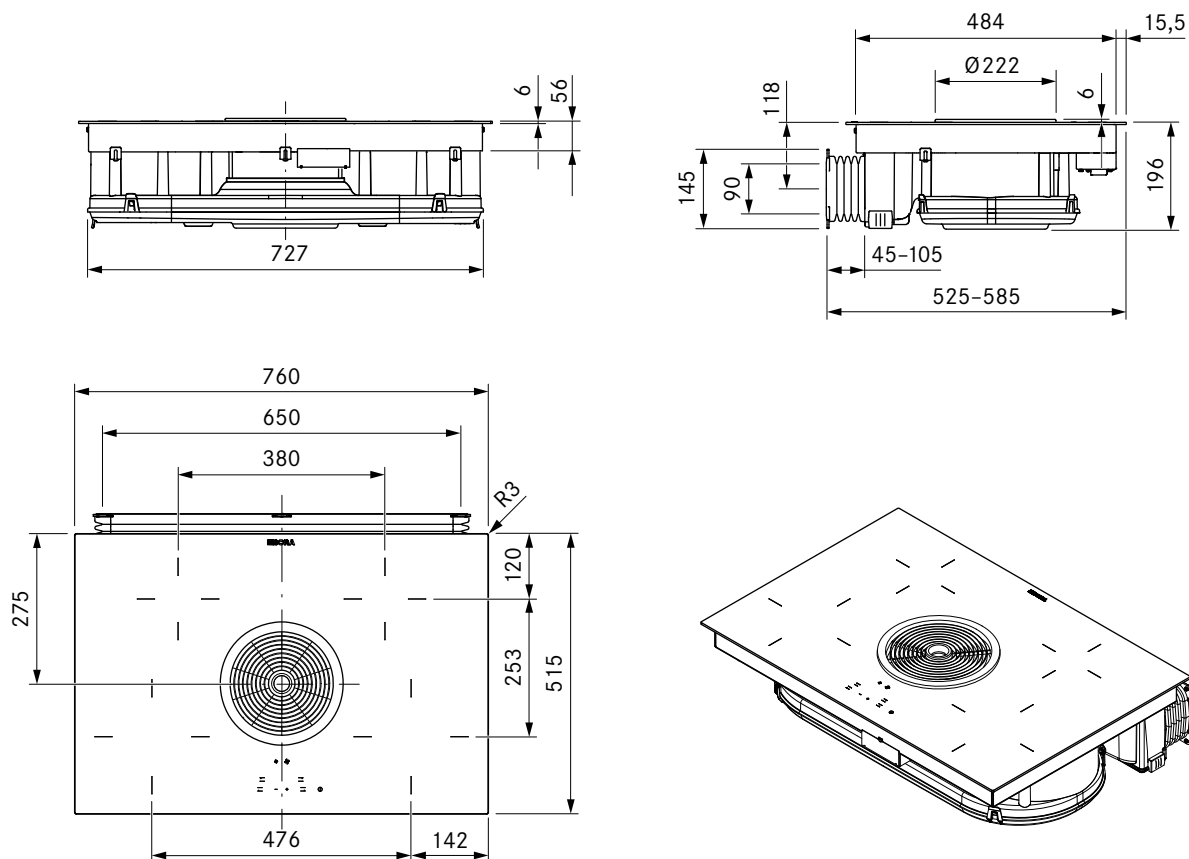
- BFF stainless steel grease filter
- BFIED air inlet nozzle
- BUSU recirculation conversion set
- UDB25 sealing tape
- BKR760 cooktop frame
- BLAVH1 exhaust air duct extension

product- and planning instructions

- The connection cable must be provided at the installation site
- Front power socket
- Max. exhaust channel length: 6 m
- The Basic cooktop extractor system can be combined with all BORA sockets

BHU

BORA Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Recirculation



technical data

| | |
|-------------------------------------------|----------------------------------------------|
| Multiphase supply voltage | 380 - 415 V 2N/3N |
| Single-phase supply voltage | 220 - 240 V |
| Frequency | 50 Hz |
| Maximum power consumption | 7.0 kW |
| Three-phase power supply/fuse protection | 3 x 16 A (standard connection) |
| Two-phase power supply/fuse protection | 2 x 16 A |
| Single-phase power supply/fuse protection | 1 x 32 A |
| Dimensions (WxDxH) | 760 x 515 x 196 mm |
| Weight (incl. accessories/package) | 25 kg |
| Surface material | Glass ceramic |
| Cooktop extractor power levels | 1, 2, P |
| Cooktop power levels | 1 - 9, P |
| Size of exhaust opening | 650 x 90 mm |
| Size of front cooking zone | Ø 210 mm |
| Size of rear cooking zone | Ø 140 mm |
| Front cooking zone output | 2300 W |
| Rear cooking zone output | 1200 W |
| Front cooking zone power setting output | 3000 W |
| Filter medium | Activated charcoal filter with ion exchanger |
| Filter material | Filter panel with fine filter |
| Maximum filter service life | 150 h (1 year) |

Product description

- Minimum volume
- Super fast parboiling
- Simple cleaning
- Genuine stainless steel grease filter
- Oversized 4 24 cooking surface
- Compact size
- Free choice of cooktop
- automatic heat up function
- childproofing feature
- Cooking zone timers

Scope of delivery

- Hyper glass ceramic cooktop with BHU cooktop extractor
- air inlet nozzle
- stainless steel grease filter
- BAKFS activated charcoal filter
- Flexible duct with fixing screws
- mounting straps
- sealing tape
- glass ceramic scraper
- cable routing clips
- height adjustment plate set
- operating and installation instructions

Accessories

- BAKFS activated charcoal filter set
- BFF stainless steel grease filter
- BFIED air inlet nozzle
- BUSAE exhaust air conversion set
- UDB25 sealing tape
- BKR760 cooktop frame

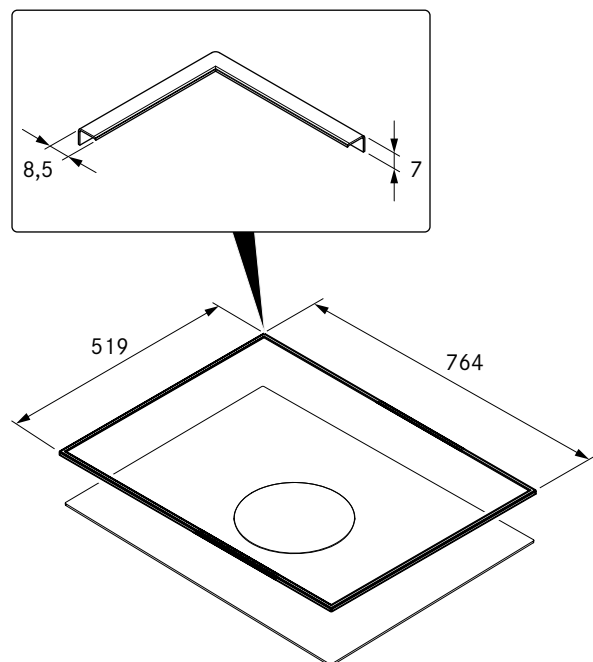
product- and planning instructions

- The connection cable must be provided at the installation site
- Front power socket
- The Basic cooktop extractor system can be combined with all BORA sockets

BKR760

BORA BASIC ACCESSORIES

BORA cooktop frame for width 760mm



technical data

| | |
|--------------------|-------------------------|
| Dimensions (WxDxH) | 764 x 519 x 7 mm |
| Material | Brushed stainless steel |
| Glue setting time | 24 h |

Product description

- Protection of glass ceramics
- Simple installation
- High-quality material
- matching accessories

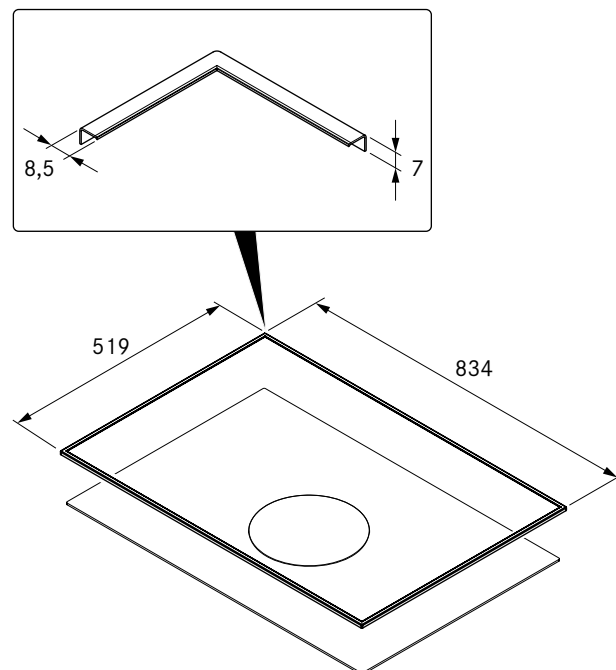
Scope of delivery

- BKR760 cooktop frame with adhesive tape
- sealing tape
- Glass cleaning cloth
- height adjustment plate set
- installation instructions

BKR830

BORA BASIC ACCESSORIES

BORA cooktop frame for width 830mm



technical data

| | |
|--------------------|-------------------------|
| Dimensions (WxDxH) | 834 x 519 x 7 mm |
| Material | Brushed stainless steel |
| Glue setting time | 24 h |

Product description

- Protection of glass ceramics
- Simple installation
- High-quality material
- matching accessories

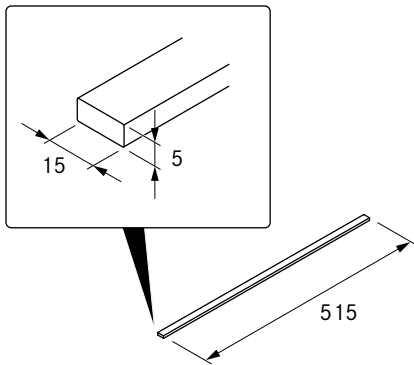
Scope of delivery

- BKR830 cooktop frame with adhesive tape
- sealing tape
- Glass cleaning cloth
- height adjustment plate set
- installation instructions

USL515 / USL515AB

BORA side frame for cooktop depth 515mm

BORA side frame for cooktop depth 515mm All Black



technical data

| | |
|--------------------|-------------------------|
| Dimensions (WxDxH) | 15 x 515 x 5 mm |
| Material | Brushed stainless steel |
| Glue setting time | 24 h |

Product description

- Protection of glass ceramics
- Simple installation
- High-quality material
- matching accessories

Scope of delivery

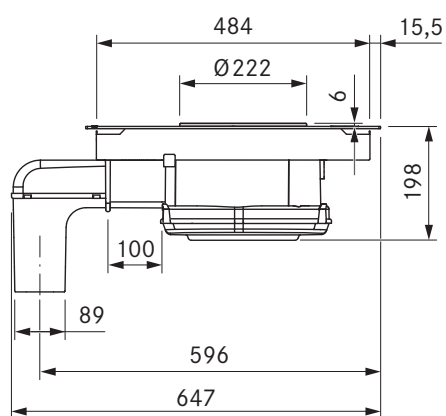
- 2 x side frame USL515 / USL515AB
- Cleaning cloth
- installation instructions

Installation options

BORA Basic exhaust systems

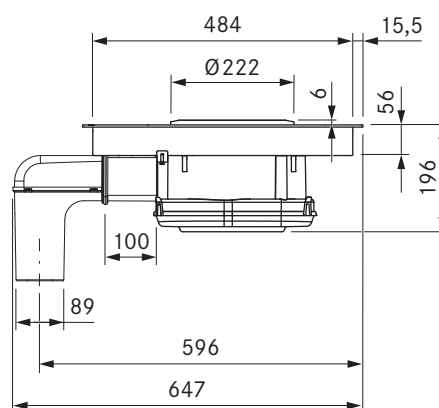
Installation option BFIA

with horizontal exhaust air duct extension BLAVH



Installation option BHA

with horizontal exhaust air duct extension BLAVH



Energy efficiency

BORA Basic BFIA / BFIU

| Produktbezeichnung | BFIA | BFIU | BHA | BHU | |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------|--------------------------|--------------------|
| | Surface induction glass ceramic cooktop with 4 cooking zones and integrated cooktop extractor | | Glass ceramic cooktop with 4 cooking zones and integrated cooktop extractor | | |
| Operating mode | Exhaust air | Recirculation | Exhaust air | Recirculation | |
| Energy consumption | Value | Value | Value | Value | EN standard |
| Annual energy consumption (AEC _{hood}) | 54,8 kWh/a | 51,9 kWh/a | 87,5 kWh/a | 94,2 kWh/a | 61591 |
| Energy efficiency class | B | * | C | * | 61591 |
| Flow volume | | | | | |
| Fluid dynamic efficiency (FDE _{hood}) | 23,1 | 21,0 | 15,7 | 13,1 | 61591 |
| Fluid dynamic efficiency class | B | * | D | * | 61591 |
| Lighting | | | | | |
| Lighting efficiency (LE _{hood}) | * lx/Watt | * lx/Watt | * lx / Watt | * lx / Watt | * |
| Lighting efficiency class | * | * | * | * | * |
| Grease filtering | | | | | |
| Level 9 maximum (GFE _{hood}) | 91 % | 91 % | 88,5 % | 88,5 % | 61591 |
| Class level 9 normal | B | * | B | * | 61591 |
| Grease filtering (additional details) | | | | | |
| Level P maximum (GFE _{hood}) | 93 % | 93 % | 93 % | 93 % | 61591 |
| Class level P maximum | B | * | B | * | 61591 |
| Flow volume | | | | | |
| Air flow level 1 minimum | 194,8 m ³ /h | * m ³ / h | 342 m ³ / h | * m ³ / h | 61591 |
| Air flow level 9 normal | 607,3 m ³ /h | * m ³ / h | 497 m ³ / h | * m ³ / h | 61591 |
| Air flow level P maximum (Q _{Max}) | 697,3 m ³ /h | 658,8 m ³ / h | 647 m ³ / h | 624 m ³ / h | 61591 |
| Sound power level | | | | | |
| Level 1 minimum | 39,8 dB (A) | 38,4 dB (A) | 55 dB (A) | * dB (A) | 60704-2-13 |
| Level 9 normal | 66,3 dB (A) | 66,5 dB (A) | 64 dB (A) | 65 dB (A) | 60704-2-13 |
| Level P maximum | 69,6 dB (A) | 69,7 dB (A) | 69 dB (A) | 70 dB (A) | 60704-2-13 |
| Sound pressure level (additional details) | | | | | |
| Level 1 minimum | 27,3 dB (A) | 25,9 dB (A) | 43 dB (A) | * dB (A) | ** |
| Level 9 normal | 53,8 dB (A) | 54,0 dB (A) | 51 dB (A) | 53 dB (A) | ** |
| Level P maximum | 57,1 dB (A) | 57,2 dB (A) | 57 dB (A) | 57 dB (A) | ** |
| Details according to 66/2014 | | | | | |
| Power consumption in off mode (P _O) | < 0,5 W | < 0,5 W | < 0,5 W | < 0,5 W | 61591 |
| Time increase factor | 1,2 | 1,2 | 1,4 | 1,5 | 61591 |
| Energy efficiency index (EEI _{hood}) | 65,2 | 64,5 | 79,9 | 85,6 | 61591 |
| Air volume flow at the best efficiency point (Q _{BEP}) | 382 m ³ /h | 311,4 m ³ /h | 370,8 m ³ / h | 320,8 m ³ / h | 61591 |
| Pressure at the best efficiency point (P _{BEP}) | 272 Pa | 288 Pa | 261 Pa | 253 Pa | 61591 |
| Electric power input at the best efficiency point (W _{BEP}) | 125 W | 118,5 W | 171,2 W | 172,1 W | 61591 |

Information on the energy consumption label in accordance with Ordinance (EU) no. 65/2014 or 66/2014.

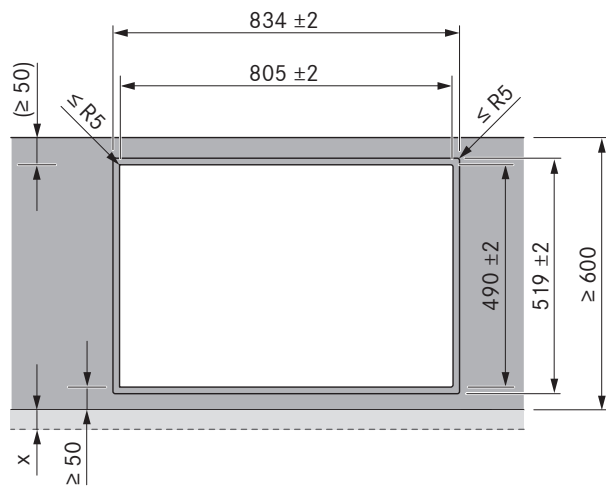
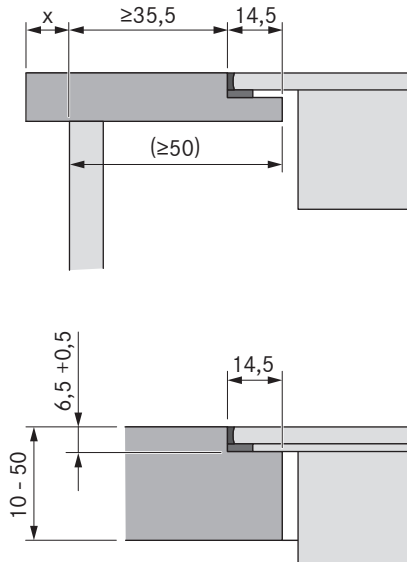
* This specification is not applicable for this product.

** The sound pressure level has been determined from a distance of 1 m (distance-dependent level recording) on the basis of the sound power level established in EN 60704 - 2 - 13.

Cut-out dimensions

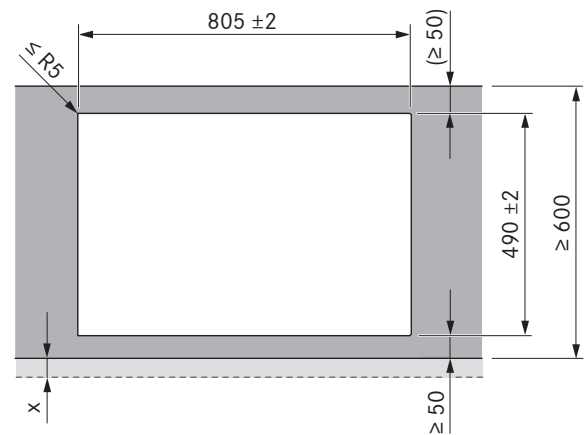
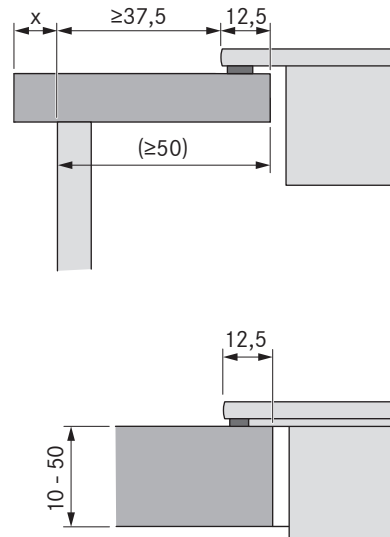
BORA Basic BFIA / BFIU

Flush installation



Surface mounting

(with or without cooktop frame)



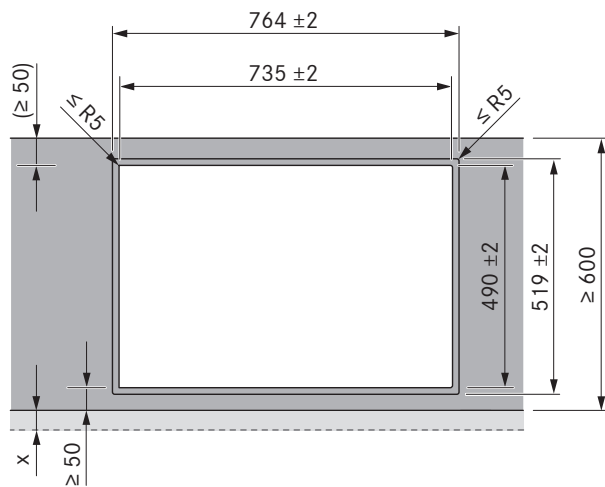
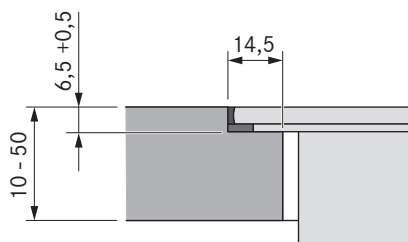
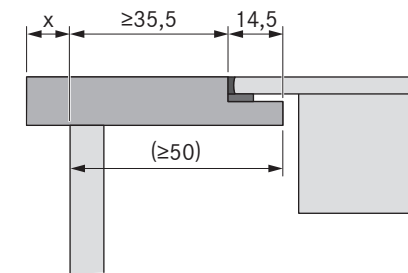
Important planning instructions:

- All dimensions from the front edge of the front cover.
- Cut-out dimensions tolerance ± 2 mm.
- Clearance of 2 mm should be planned around the built-in appliances.
- Please note the worktop manufacturer's instructions with regard to the suitability of the worktop. Worktop cut-outs must be moisture-sealed using suitable means or, where necessary, fitted with a thermal insulator (e.g. in the case of Corian or HiMacs worktops).

Cut-out dimensions

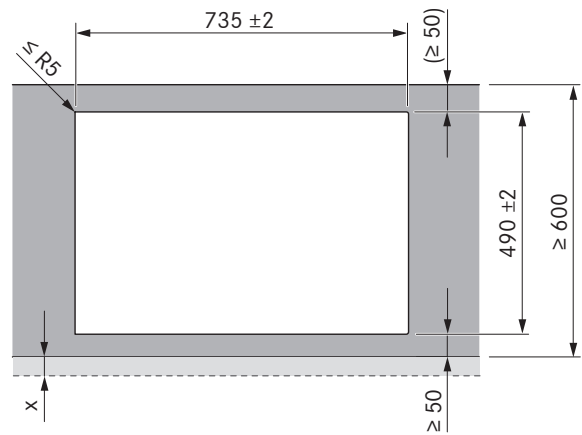
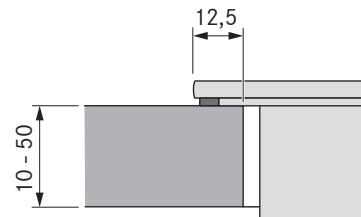
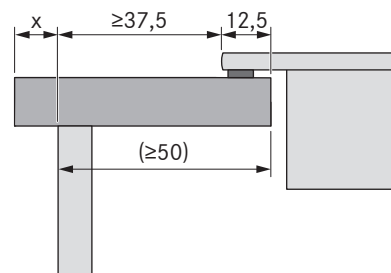
BORA Basic BHA / BHU

Flush installation



Surface mounting

(with or without cooktop frame)



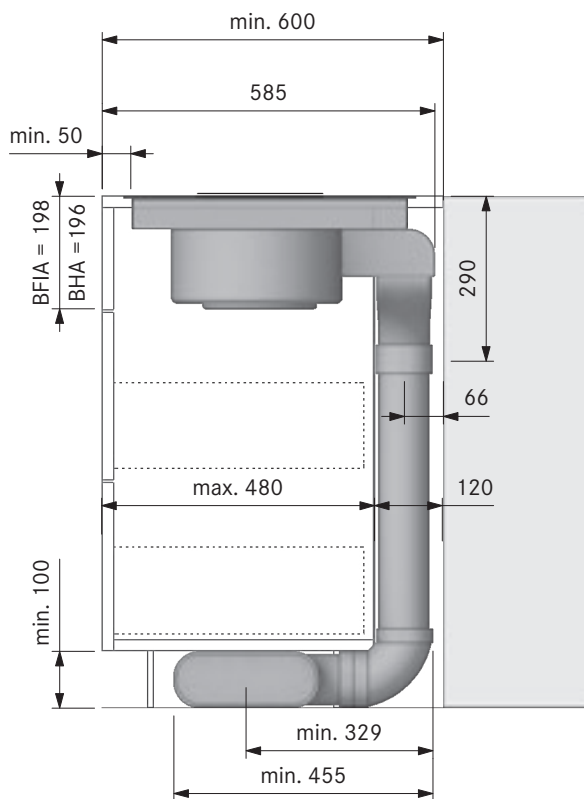
Important planning instructions:

- All dimensions from the front edge of the front cover.
- Cut-out dimensions tolerance ± 2 mm.
- Clearance of 2 mm should be planned around the built-in appliances.
- Please note the worktop manufacturer's instructions with regard to the suitability of the worktop. Worktop cut-outs must be moisture-sealed using suitable means or, where necessary, fitted with a thermal insulator (e.g. in the case of Corian or HiMacs worktops).

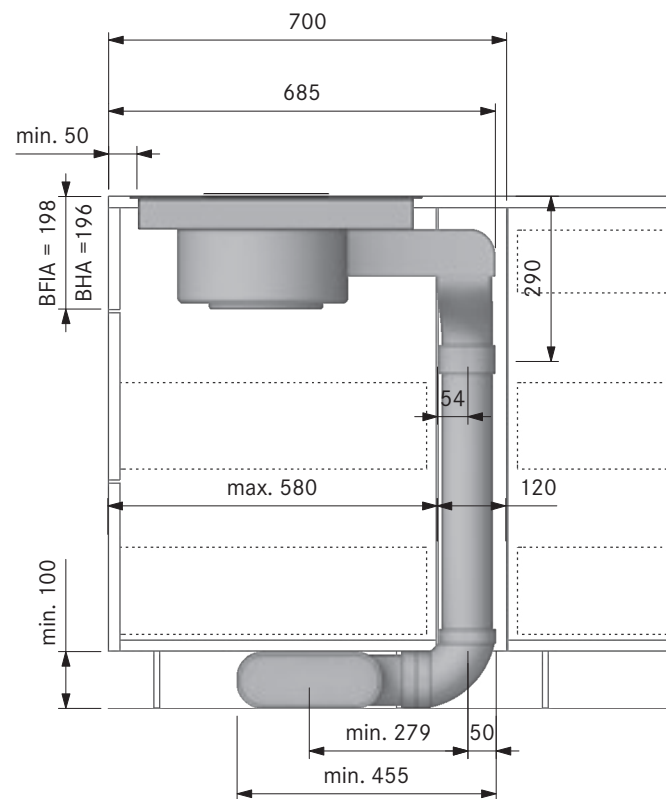
Installation cut-outs

BORA Basic

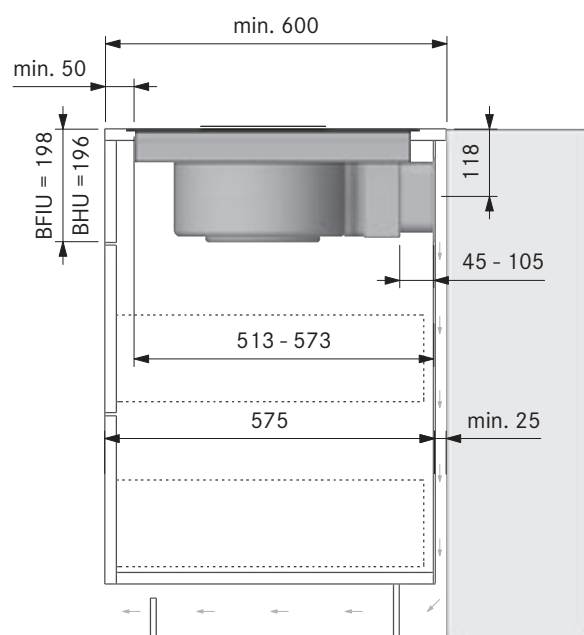
Installation cut-out Basic exhaust air (kitchen counter 600):



Installation cut-out Basic exhaust air (kitchen island 700):



Installation cut-out Basic recirculation (kitchen counter 600):

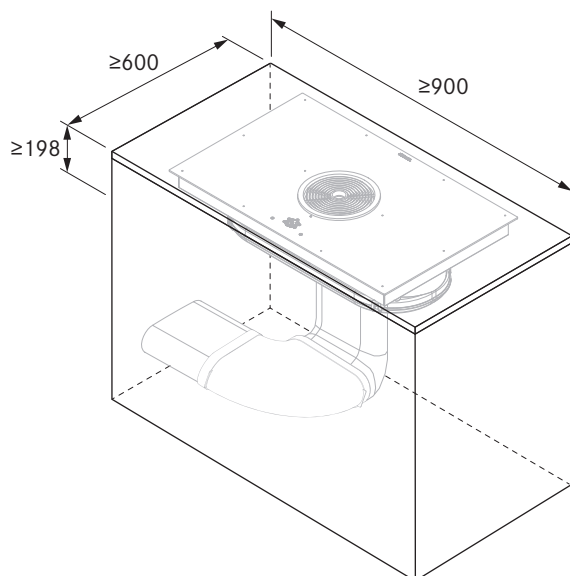


To ensure optimum extraction performance, a return flow aperture of at least 500 cm² for the air recirculation hood must be guaranteed.

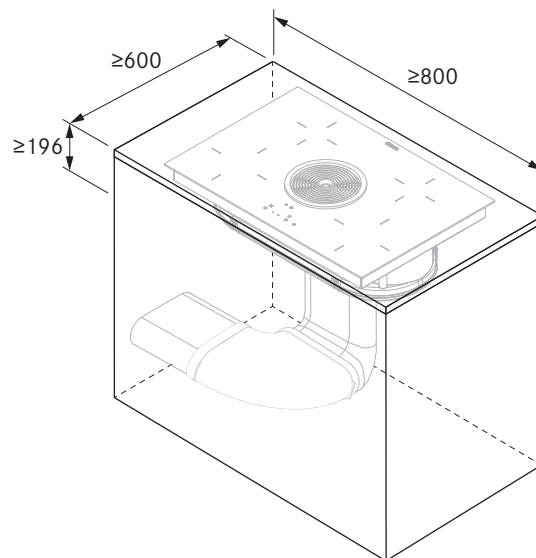
Minimum dimensions for installation

BORA Basic

BFIA/BFIU



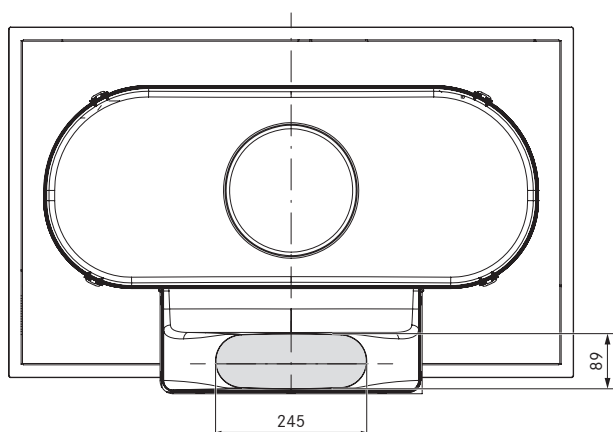
BHA/BHU



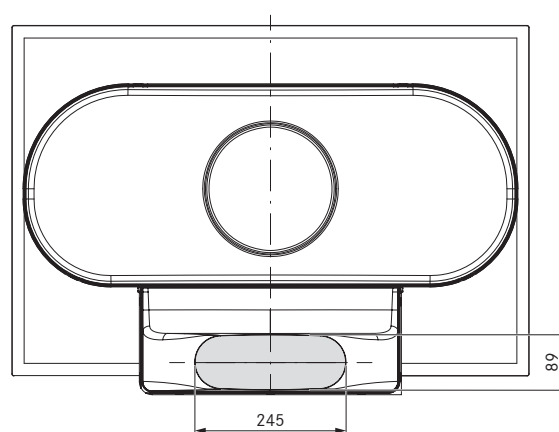
Duct connection dimensions

BORA Basic

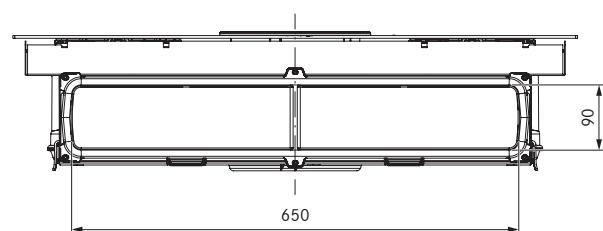
Duct connection dimensions BFIA
with BORA Ecotube duct connection



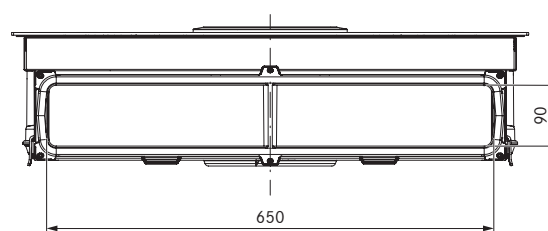
Duct connection dimensions BHA
with BORA Ecotube duct connection



Duct connection dimensions BFIU
with flexible duct



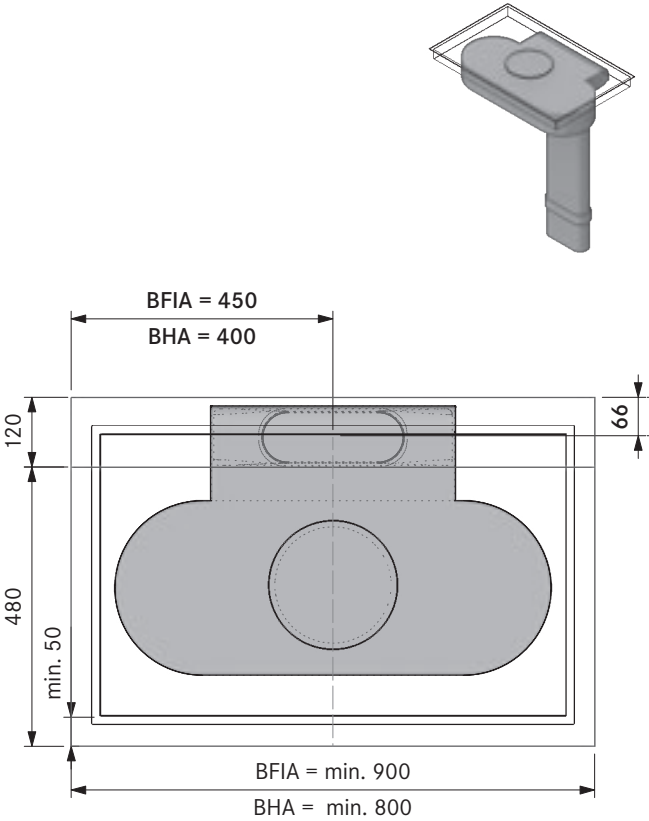
Duct connection dimensions BHU
with flexible duct



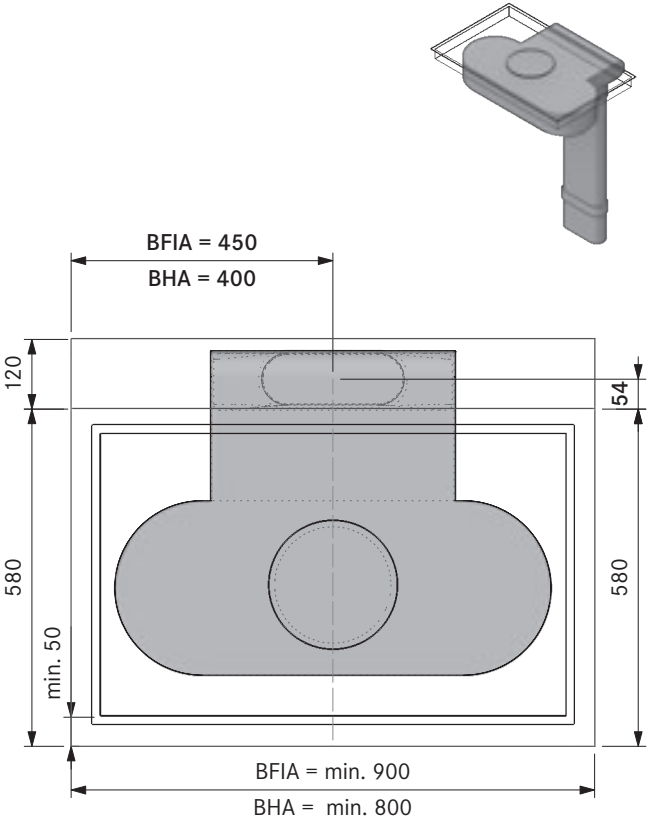
Core bore holes

BORA Basic

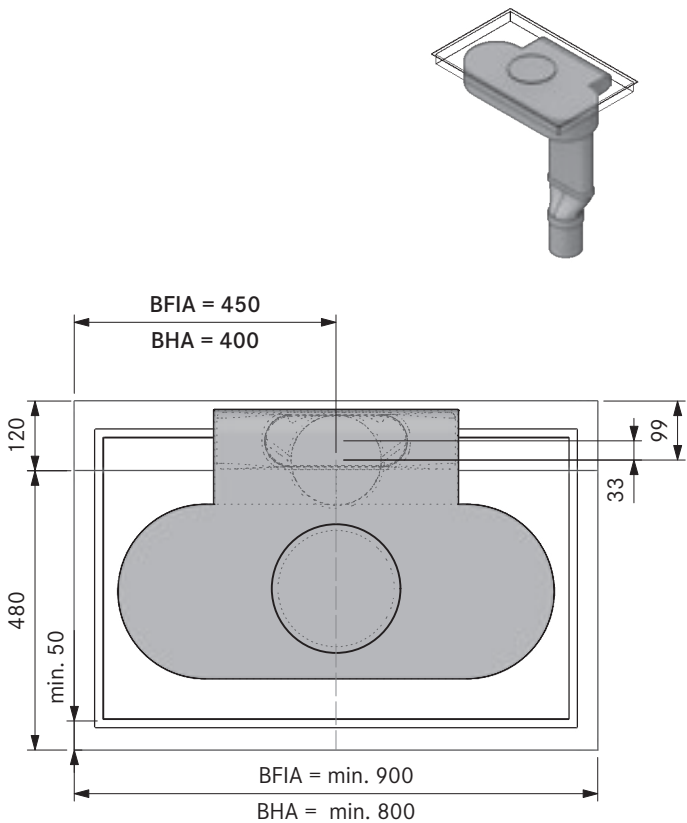
Minimum dimensions for core bore hole
Basic + EF750 (kitchen counter 600):



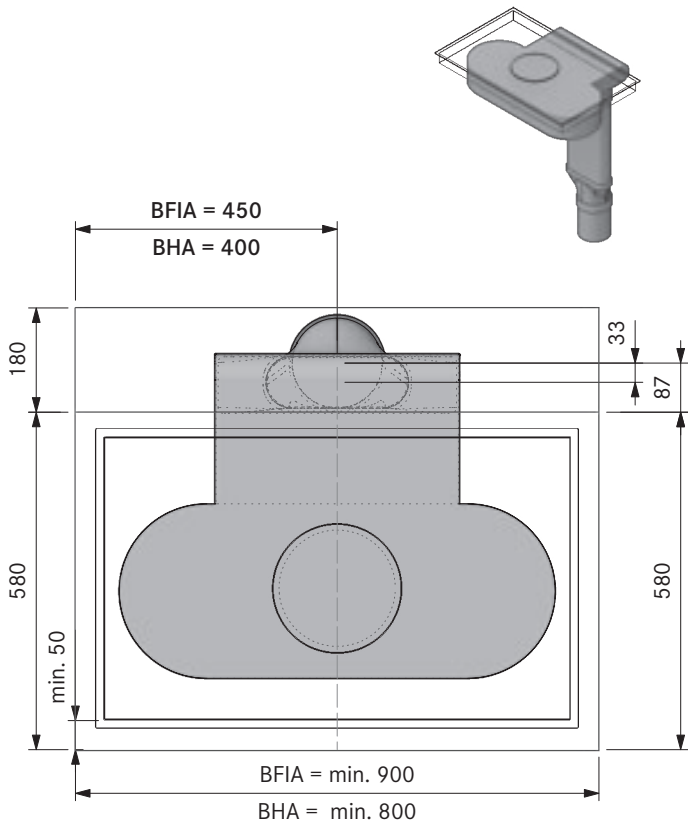
Minimum dimensions for core bore hole
Basic + EF750 (kitchen island 700):



Minimum dimensions for core bore hole
Basic + EF750 + EFRG (kitchen counter):



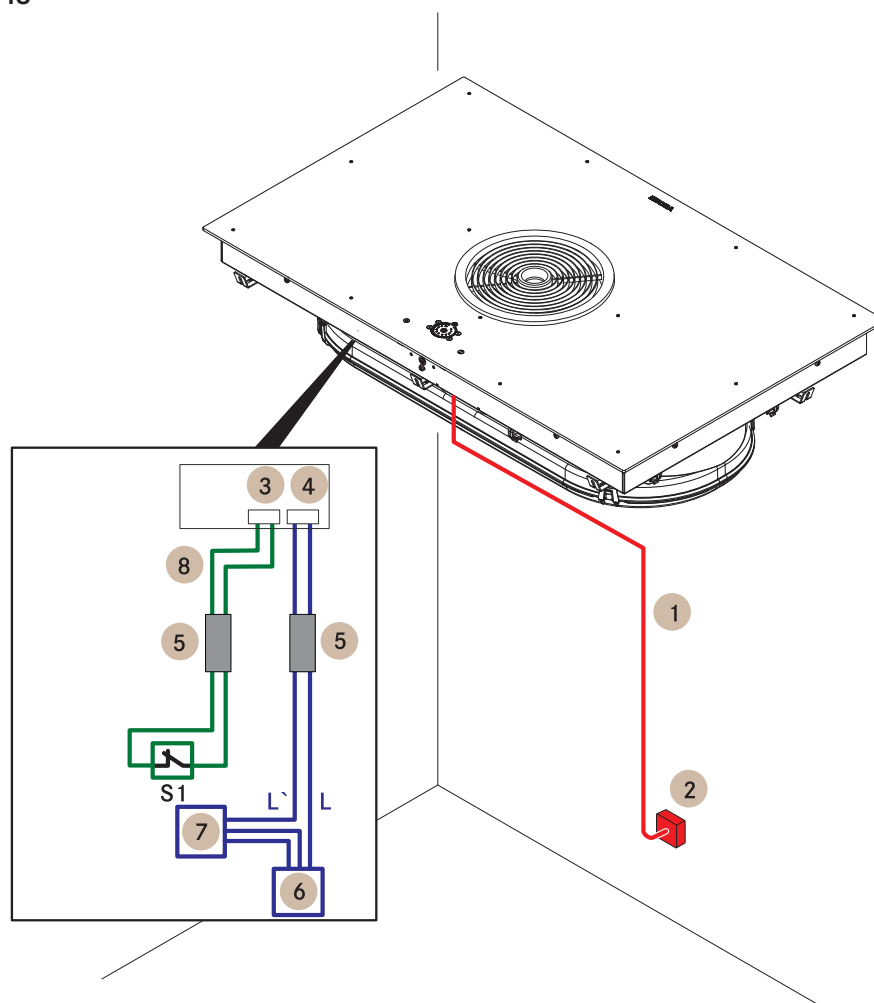
Minimum dimensions for core bore hole
Basic + EF750 + EFRG (kitchen island):



Connection diagram

BORA Basic

BORA Basic BFIA / BFIU



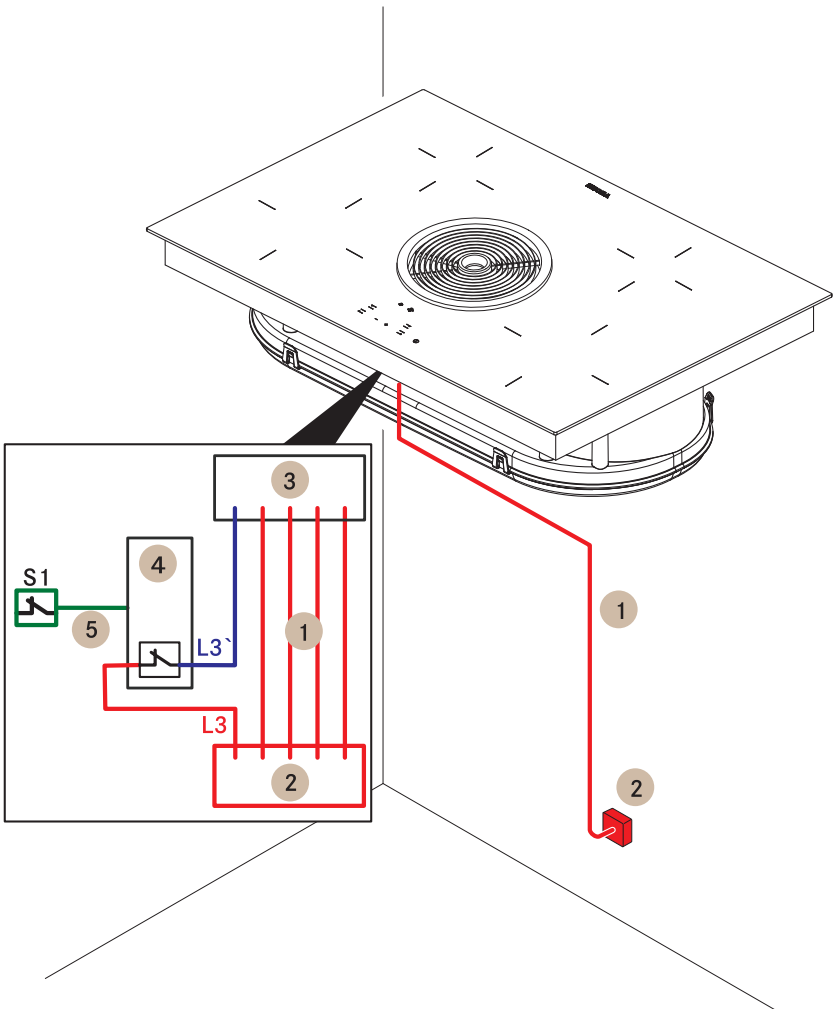
| Position | Description | Note |
|----------|-----------------------------------------------------------|--------------------------------------------------------------------------------|
| 1 | Power supply cable for the cooktop with cooktop extractor | The connection cable must be provided at the installation site |
| 2 | Power supply | L1/L2/L3/N/PE Minimum fuse protection 3 x16 A |
| 3 | Home-In connection | 30 V DC 0.7 mA |
| 4 | Home-Out connection | Maximum 250 V/4 A |
| 5 | Ferrite sleeves | Set product no. UFH |
| 6 | Power supply for external device | |
| 7 | External device | E.g. electrically operated wall sleeve |
| S1 | External switch contact | E.g. window contact switch for operating in exhaust mode with flues/fireplaces |
| 8 | Connection cable Home-In | Max. length 10 m |

The connection diagram shows the maximum connection options required and is for planning purposes only. The connection itself must be carried out by a qualified specialist based on the operating instructions.

Connection diagram

BORA Basic

BORA Basic BHA / BHU



| Position | Description | Note |
|----------|-----------------------------------------------------------|--------------------------------------------------------------------------------|
| 1 | Power supply cable for the cooktop with cooktop extractor | The connection cable must be provided at the installation site |
| 2 | Power supply | L1/L2/L3/N/PE Minimum fuse protection 3 x16 A |
| 3 | Power supply for cooktop with cooktop extractor | |
| 4 | Switch relay | |
| 5 | S1 switch connection and switch relay | E.g. via wireless communication |
| S1 | External switch contact | E.g. window contact switch for operating in exhaust mode with flues/fireplaces |

The connection diagram shows the maximum connection options required and is for planning purposes only. The connection itself must be carried out by a qualified specialist based on the operating instructions.

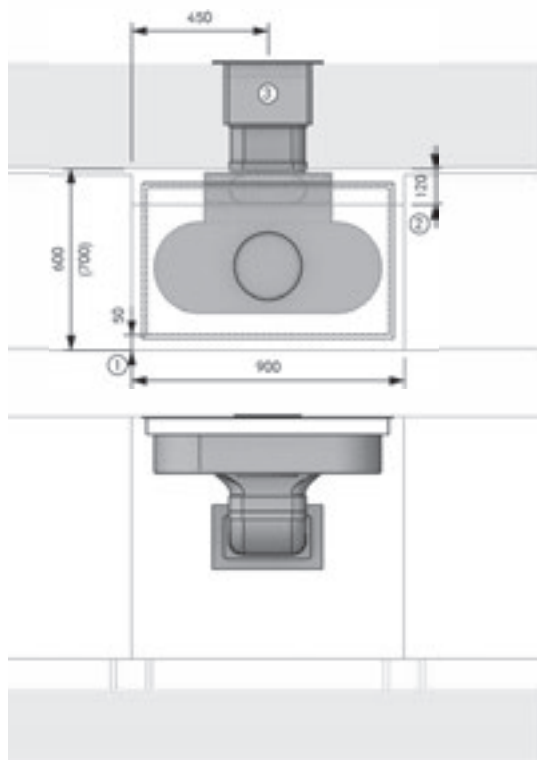
Model plans

BORA Basic

see more model plans at <https://partner.bora.com>

BFIA – exhaust air model for kitchen units

MP_3076 – with air flow towards the back



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Wall opening 310 x 155 mm
71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

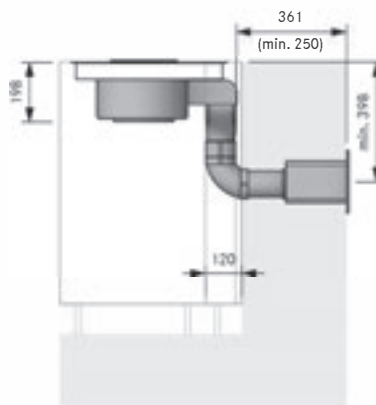
BORA product

- 1 BFIA Basic surface induction glass ceramic cooktop with integrated cooktop extractor – exhaust air

BORA Ecotube product

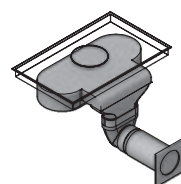
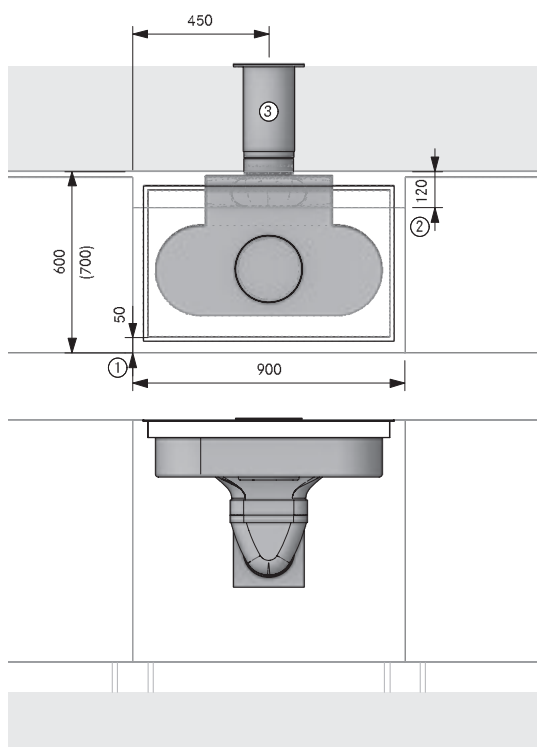
- 1 EFBV90/1 90° bend, shallow vertical
- 1 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 1 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



BFIA – exhaust air model for kitchen units

MP_3077 – with air flow towards the back, round



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Core bore hole at least Ø 180 mm
Must expel air in a straight line regardless of the weather conditions

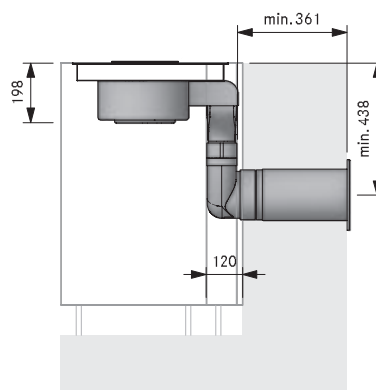
BORA product

- 1 BFIA Basic surface induction glass ceramic cooktop with integrated cooktop extractor – exhaust air

BORA Ecotube product

- 1 EFR90/1 90° transition, shallow round
- 1 ERV/1 duct connection, shallow
- 1 UEBR/1 3box wall sleeve, round
- 1 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design

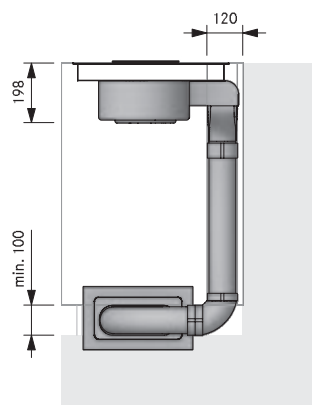
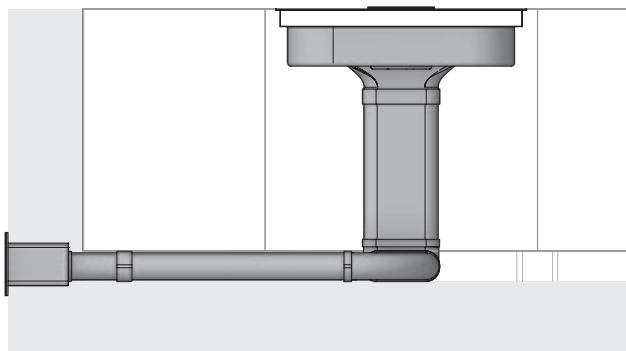
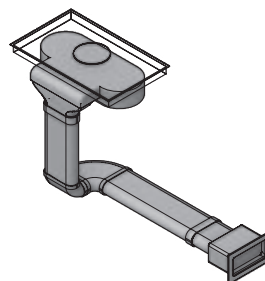


Installation may only be carried out in accordance with the applicable standards, regulations and laws.

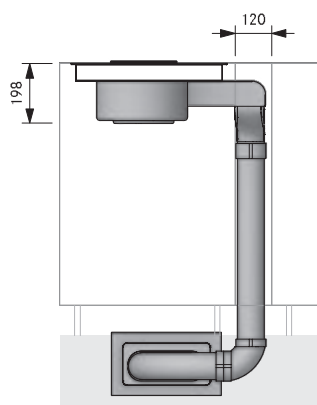
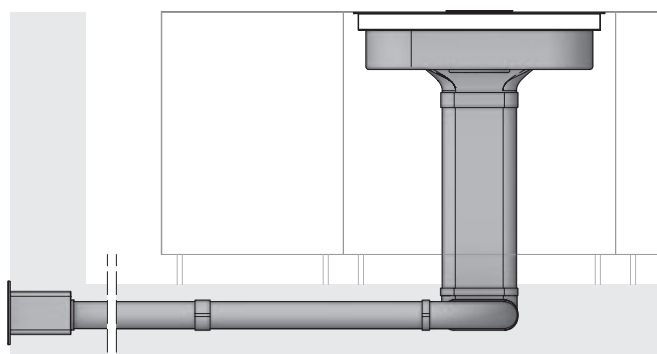
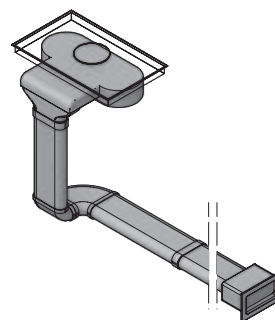
BORA Basic

see more model plans at <https://partner.bora.com>

MP_3042 – with airflow towards the left in the plinth



MP_3024 – with airflow towards the left in the floor



- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Wall opening 310 x 155 mm
71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

1 BFIA Basic surface induction glass ceramic cooktop with integrated cooktop extractor – exhaust air

1 EFBH90/1 90° bend, shallow horizontal

1 EFBV90/1 90° bend, shallow vertical

2 EFV/1 duct connection, shallow

1 UEBF/1 3box wall sleeve

3 EF750/1 shallow duct 750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Fitted in floor installation according to DIN 18560-2 (fully integrated in the levelling layer). If the structure deviates from DIN 18560-2, reinforced screed must be provided for
- ④ Wall opening 310 x 155 mm
71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

1 BFIA Basic surface induction glass ceramic cooktop with integrated cooktop extractor - exhaust air

1 EFBH90/1 90° bend,
shallow horizontal

1 EFBV90/1 90° bend, shallow vertical

1 EFV/1 duct connection, shallow

1 UEBF/1 3box wall sleeve

1 EF750/1 shallow duct 750 mm

EFV/1 duct connection, shallow
EFS750/1 shallow duct with partition
750 mm

Sealing material is included in the scope of delivery in the case of moulded parts with a socket design

Installation may only be carried out in accordance with the applicable standards, regulations and laws.

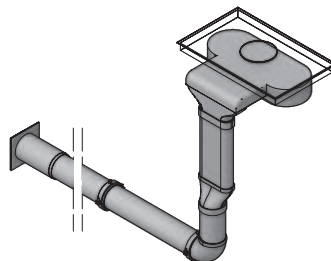
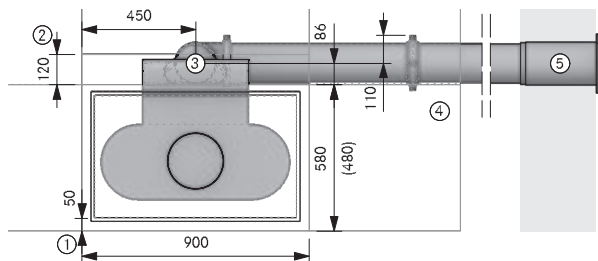
Model plans

BORA Basic

see more model plans at <https://partner.bora.com>

BFIA – exhaust air model for kitchen islands

MP_3078 – with airflow towards the right in the basement



Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Core bore hole at least Ø 180 mm
- ④ One mounting bracket set per Ecotube product with moulded coupling
- ⑤ Core bore hole at least Ø 180 mm. Must expel air in a straight line regardless of the weather conditions

BORA product

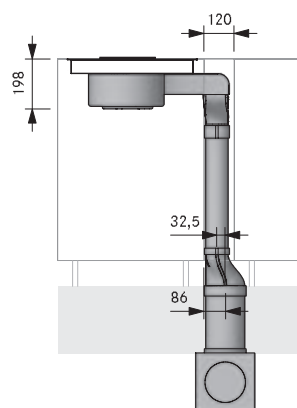
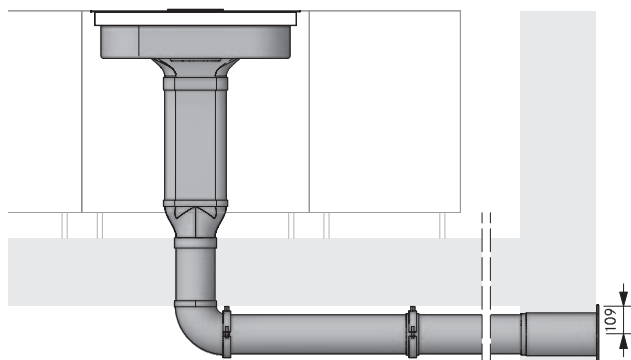
- 1 BFIA Basic surface induction glass ceramic cooktop with integrated cooktop extractor – exhaust air

BORA Ecotube product

- 1 EFRG/1 transition, shallow round straight
- 1 EFV/1 duct connection, shallow
- 1 ERB90/1 90° bend, round
- 1 UEBR/1 3box wall sleeve, round
- 1 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

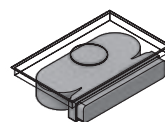
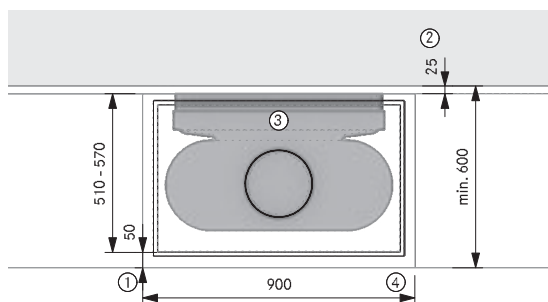
BORA Ecotube product according to requirements

- ERV/1 duct connection, round
 - ER750/1 round duct 750 mm
 - ERMS/1 installation set, round
- Sealing material is included in the scope of delivery in the case of moulded parts with a socket design**



BFIU – recirculation model for kitchen units

MP_3062 – with air flow towards the back

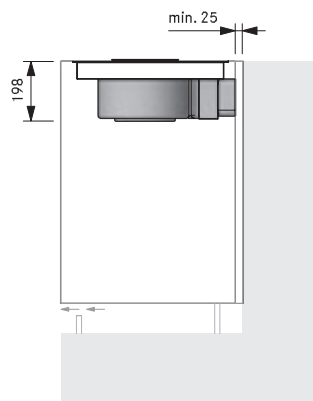
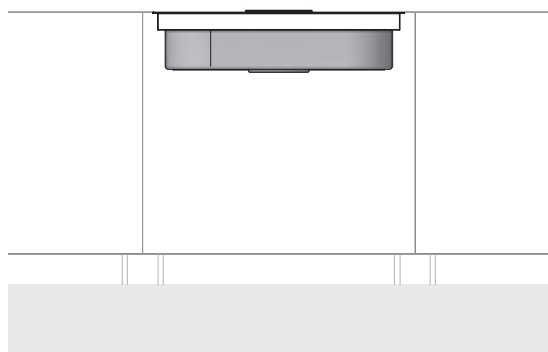


Planning instructions

- ① At least 50 mm from front edge to cut-out
- ② Ensure that there is at least 25 mm between the back of the unit and the adjacent structure must be provided for
- ③ Access for filter change must be guaranteed
- ④ Unobstructed return flow aperture of at least 500 cm²

BORA product

- 1 BFIU Basic surface induction glass ceramic cooktop with integrated cooktop extractor – recirculation

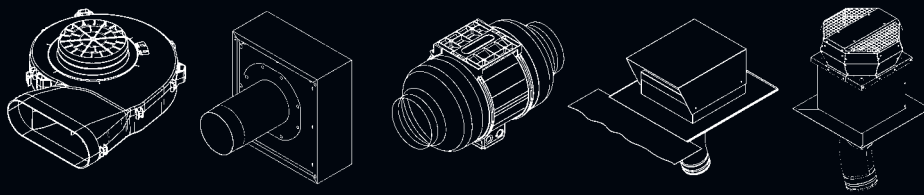


Installation may only be carried out in accordance with the applicable standards, regulations and laws.

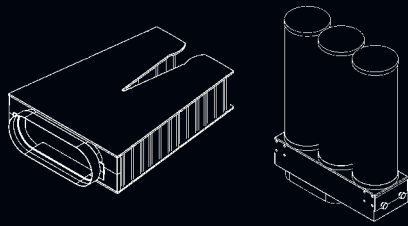
BORA universal articles

Highlights

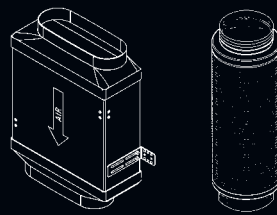
BORA fans



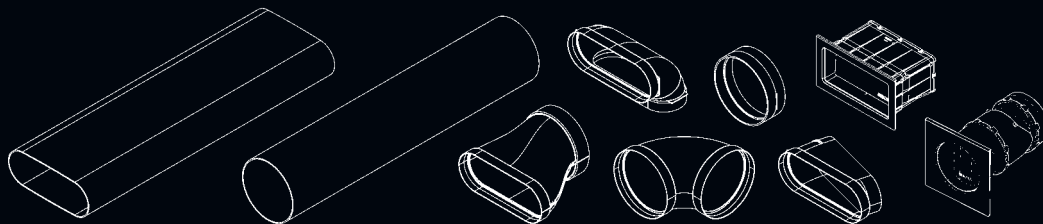
BORA air cleaning boxes



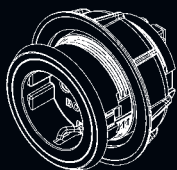
BORA silencers



BORA duct system & wall sleeve



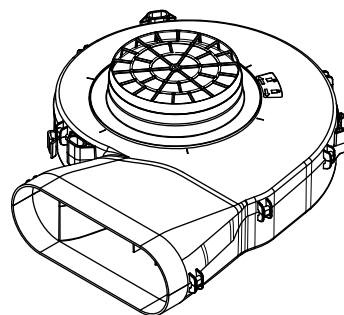
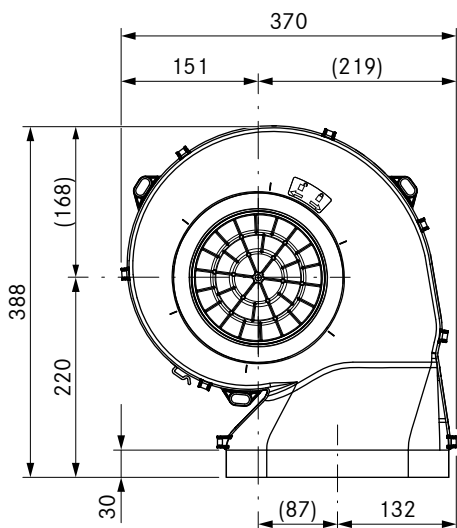
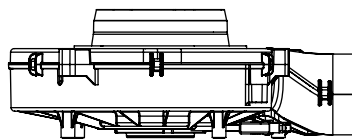
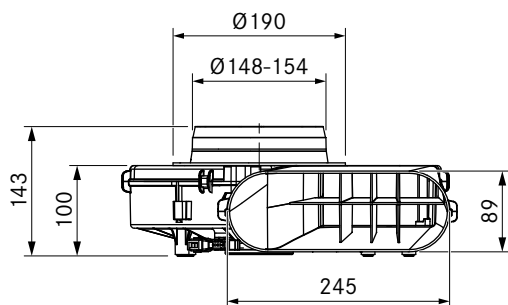
BORA universal article accessories



BORA merchandise



BORA plinth fan EC



technical data

| | |
|--------------------------------------|--------------------|
| Supply voltage | 200 - 240 V |
| Frequency | 50 Hz |
| Power consumption | 170 W |
| Current consumption | Max. 1.4 A |
| Power supply cable length | 0.6 m |
| Control line length | 0.6 m |
| Dimensions (WxDxH) | 370 x 388 x 100 mm |
| Weight (incl. accessories/packaging) | 2.85 kg |
| Casing material | Plastic |
| duct connection | BORA Ecotube |
| Maximum ambient temperature | 40°C |
| Maximum flow volume | 660 m³/h |
| Maximum static pressure | 608 Pa |

Product description

- Variable installation options
- Energy-saving fan with EC technology
- Compact geometry
- Low weight
- Sound and vibration insulation
- Simplified installation
- Complete BORA system

Scope of delivery

- ULS plinth fan
- operating and installation instructions
- 2 m EPDM sealing tape

Accessories

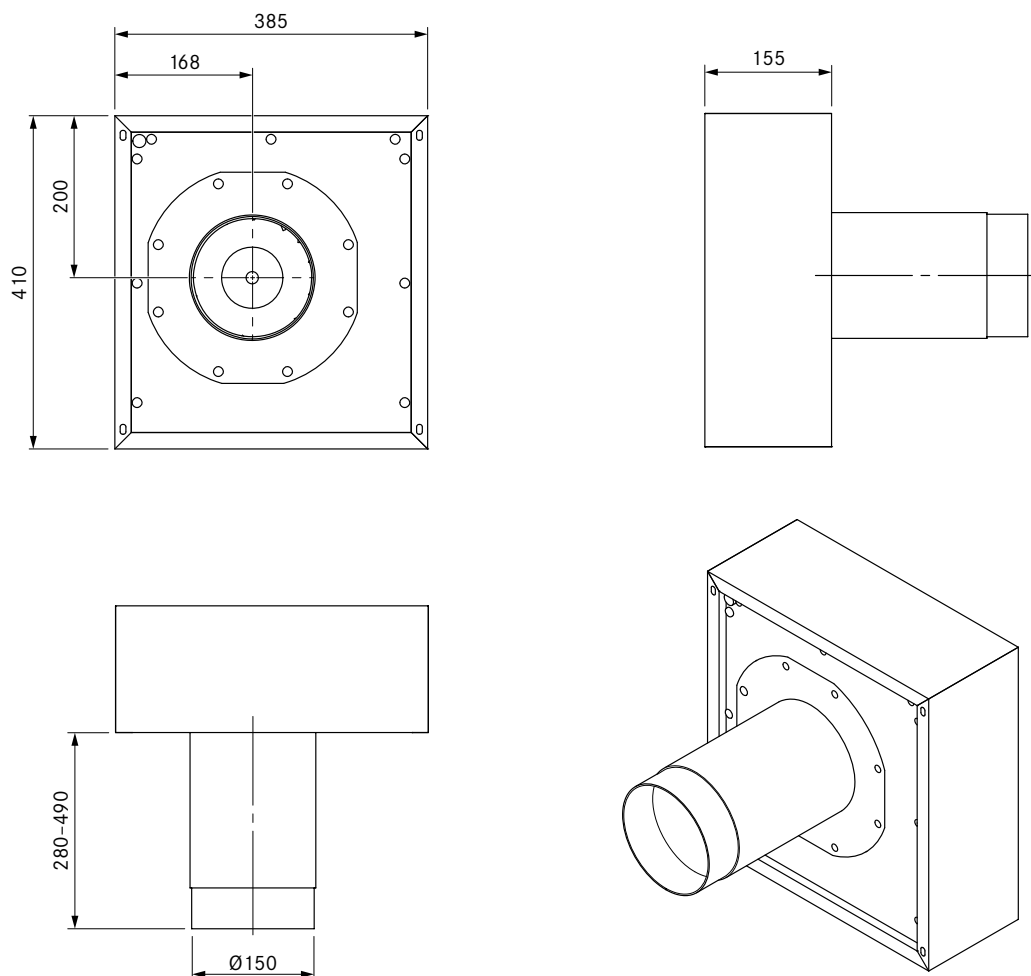
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

product- and planning instructions

- For suspended installation, a bore hole diameter of 180 mm is required for the ceiling cut-out
- For horizontal installation in the plinth area, floor structure or suspended from the basement ceiling
- Integrated mounting points for ceiling assembly
- Removable inlet nozzle for plinth height from 100 mm

ULA

BORA external wall fan EC



technical data

| | |
|--------------------------------------|------------------------------------|
| Supply voltage | 220 - 240 V |
| Frequency | 50 Hz |
| Power consumption | 149 W |
| Current consumption | 1.26 A |
| Power supply cable length | 10 m |
| Control line length | 10 m |
| Dimensions (WxDxH) | 385 x 155 x 410 mm |
| Weight (incl. accessories/packaging) | 16.5 kg |
| Casing material | Galvanized steel / stainless steel |
| duct connection | Ø 150 mm |
| Maximum ambient temperature | 70 °C |
| Maximum flow volume | 940 m³/h |
| Maximum static pressure | 456 Pa |

Product description

- Energy-saving fan with EC technology
- Complete BORA system

Scope of delivery

- ULA external wall fan
- Telescopic installation duct with integrated non-return valve
- Air repellent rail
- installation instructions
- Empty duct Ø 40 mm x 400 mm for cable passage
- 1,25 m EPDM sealing tape

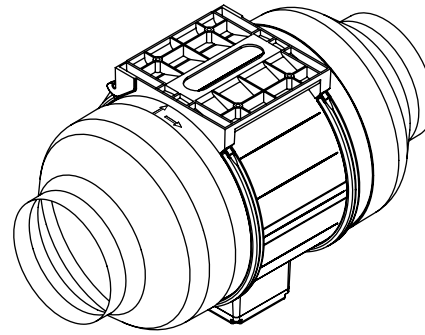
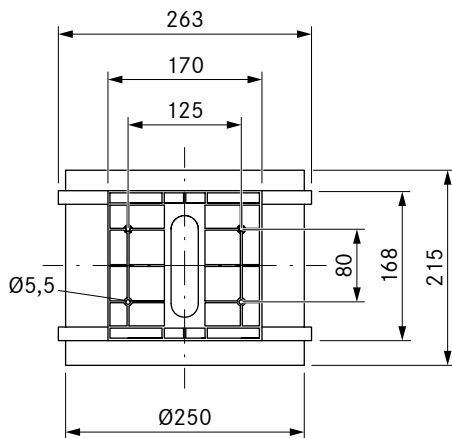
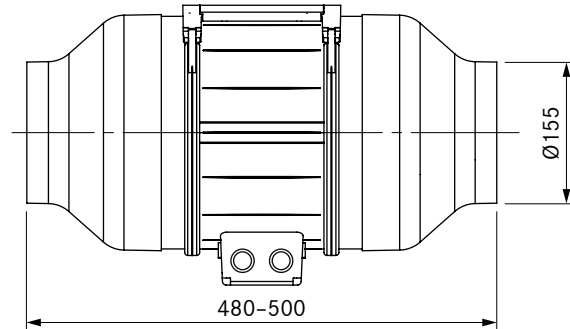
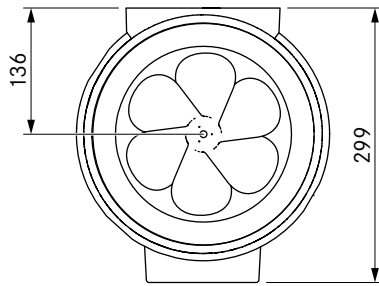
Accessories

- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

product- and planning instructions

- If there are two fan modules in an air duct system, a minimum clearance of 3 m must be maintained between the two fans
- A minimum downward clearance of 40 cm is required for the outflow
- For installation on the outside of the building
- Suitable for wall thicknesses of 280 mm to 490 mm
- If required, a KG duct with Ø 200 mm should be pre-installed in the external wall
- Air outlet downward
- Fixing elements must be provided at the installation site

BORA duct fan EC



technical data

| | |
|--------------------------------------|--------------------------------------------------------|
| Supply voltage | 220 – 240 V |
| Frequency | 50 Hz |
| Power consumption | 304 W |
| Current consumption | 2.1 A |
| Power supply cable length | 10 m |
| Control line length | 10 m |
| Dimensions (WxDxH) | 250 x 215 (500) x 299 mm |
| Weight (incl. accessories/packaging) | 6.0 kg |
| Casing material | Plastic |
| duct connection | without reduction Ø 250 mm, with reduction Ø 155 mm |
| Maximum ambient temperature | 45°C |
| Maximum flow volume | 1215 m³/h |
| Maximum static pressure | 676 Pa |

Product description

- Energy-saving fan with EC technology
- Rotatable terminal box
- Pre-installed mounting plate
- Complete BORA system

Scope of delivery

- ULI duct fan
- Duct reducer Ø 250 to 155 mm ULIRR (2 pieces)
- installation instructions

Accessories

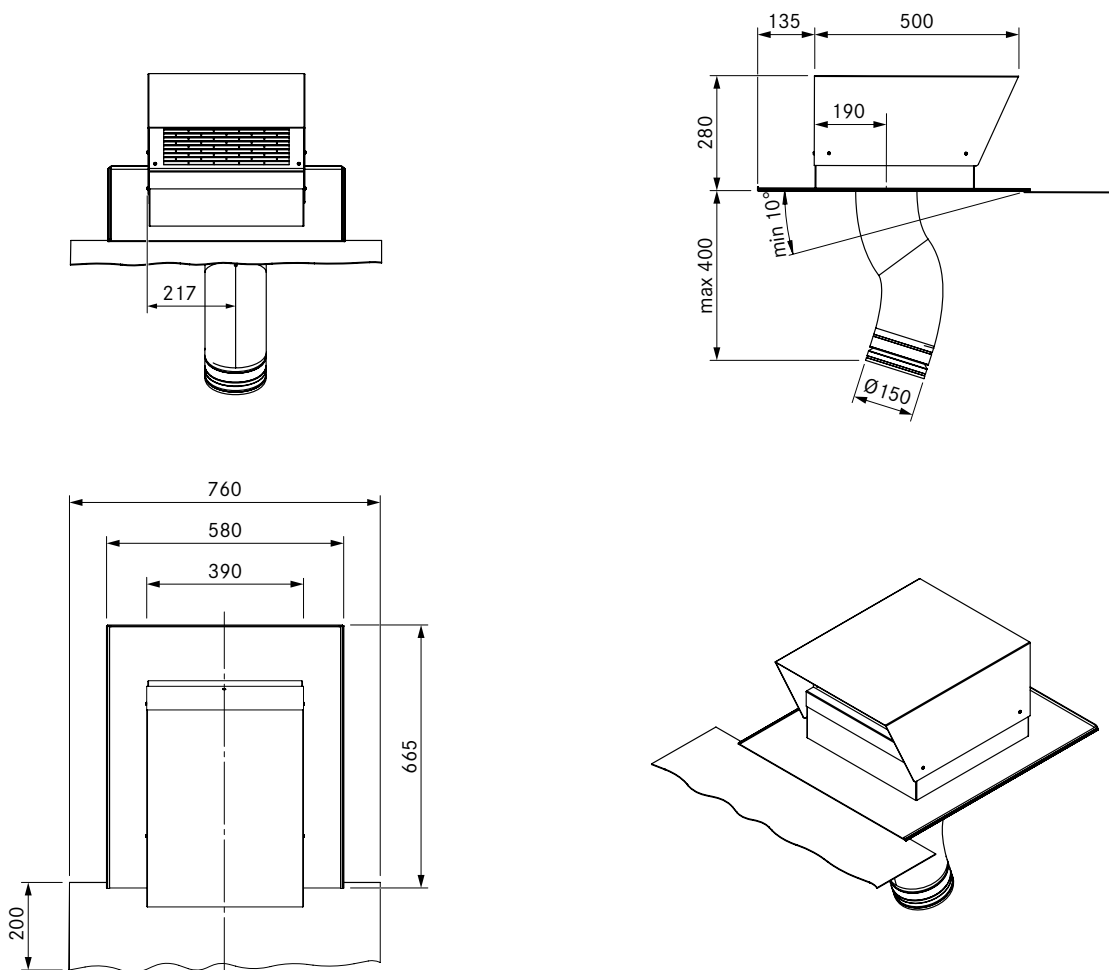
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

product- and planning instructions

- If there are two fan modules in an air duct system, a minimum clearance of 3 m must be maintained between the two fans
- For installation in a round duct system with a diameter of on average 155 mm, both duct reducers are to be fitted
- A straight leg for the exhaust air of at least 500 mm is to be provided in front of and behind the fan
- The terminal box can be turned to the desired position
- Fixing elements must be provided at the installation site
- The installation fixing plate is integrated
- Not suitable for installation in living areas; do not install in furniture

ULZ

BORA tiled roof fan EC



technical data

| | |
|--------------------------------------|------------------------------------|
| Supply voltage | 220 - 240 V |
| Frequency | 50 Hz |
| Power consumption | 206 W |
| Current consumption | 1.66 A |
| Power supply cable length | 10 m |
| Control line length | 10 m |
| Dimensions (WxDxH) | 390 x 500 x 280 mm |
| Weight (incl. accessories/packaging) | 16.5 kg |
| Casing material | Galvanized steel / stainless steel |
| duct connection | Ø 150 - 155 mm |
| Maximum ambient temperature | 70°C |
| Maximum flow volume | 1007 m³/h |
| Maximum static pressure | 608 Pa |

Product description

- Energy-saving fan with EC technology
- Complete BORA system

Scope of delivery

- ULZ tiled roof fan
- Fabric hose with non-return valve
- installation instructions

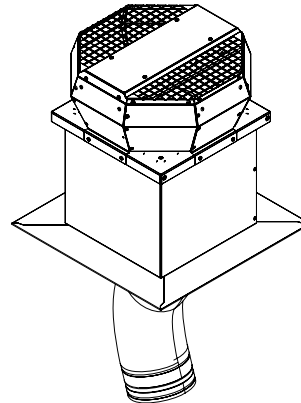
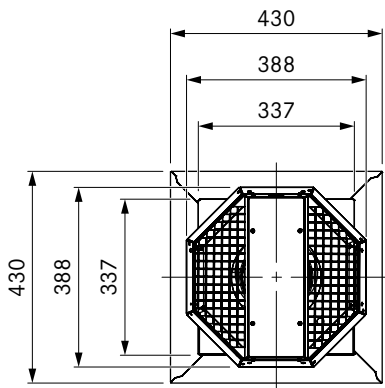
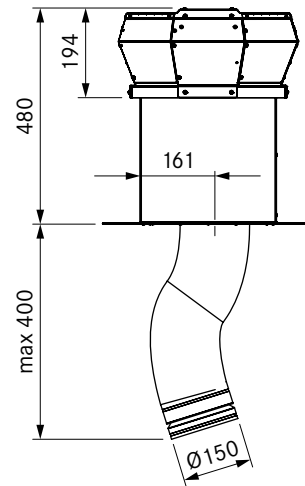
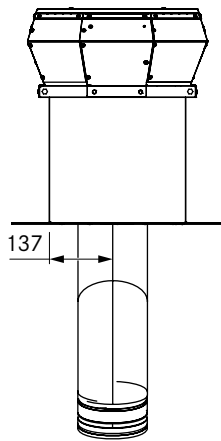
Accessories

- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

product- and planning instructions

- If there are two fan modules in an air duct system, a minimum clearance of 3 m must be maintained between the two fans
- For installation on a tiled roof with a roof slope of at least 10°
- The fully flexible fabric tube on the fan can be stretched by a maximum of 400 mm from the surface-mounted plate to the inner side of the building
- Air outlet downward
- A condensation separator must be installed, if necessary
- Fixing elements must be provided at the installation site

BORA flat roof fan EC



technical data

| | |
|--------------------------------------|------------------------------------|
| Supply voltage | 220 – 240 V |
| Frequency | 50 Hz |
| Power consumption | 179 W |
| Current consumption | 1.5 A |
| Power supply cable length | 10 m |
| Control line length | 10 m |
| Dimensions (WxDxH) | 388 x 388 x 467 mm |
| Weight (incl. accessories/packaging) | 16.5 kg |
| Casing material | Galvanized steel / stainless steel |
| duct connection | Ø 150 – 155 mm |
| Maximum ambient temperature | 70°C |
| Maximum flow volume | 955 m³/h |
| Maximum static pressure | 657 Pa |

Product description

- Energy-saving fan with EC technology
- Complete BORA system

Scope of delivery

- ULF flat roof fan
- Fabric hose with non-return valve
- installation instructions

Accessories

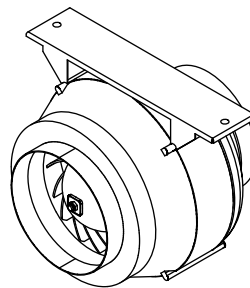
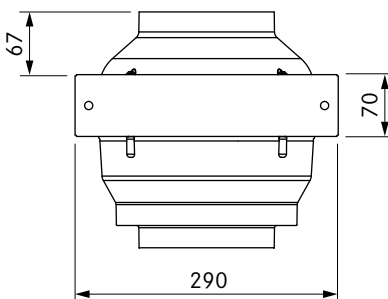
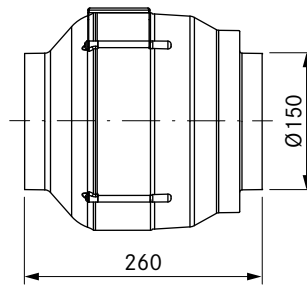
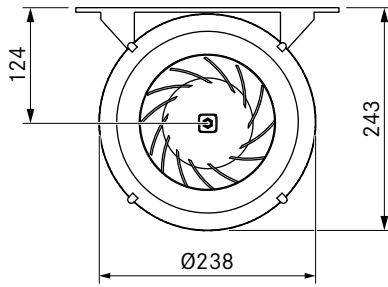
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

product- and planning instructions

- If there are two fan modules in an air duct system, a minimum clearance of 3 m must be maintained between the two fans
- For installation on a flat roof
- The fully flexible fabric tube on the fan can be stretched by a maximum of 400 mm from the surface-mounted plate to the inner side of the building
- Air outlet upward
- A condensation separator must be installed, if necessary
- Fixing elements must be provided at the installation site

ULIE

BORA additional duct fan AC



technical data

| | |
|--------------------------------------|----------------------------|
| Supply voltage | 220 - 240 V |
| Frequency | 50 Hz |
| Power consumption | 124 W |
| Current consumption | 0.6 A |
| Power supply cable length | 10 m |
| Dimensions (WxDxH) | 290 x 260 x 243 mm |
| Weight (incl. accessories/packaging) | 4.5 kg |
| Casing material | Plastic / galvanised metal |
| duct connection | Ø 150 - 155 mm |
| Maximum ambient temperature | 55°C |
| Maximum flow volume | 749 m³/h |
| Maximum static pressure | 400 Pa |

Product description

- Additional fan module
- Complete BORA system

Scope of delivery

- ULIE additional duct fan
- mounting bracket
- installation instructions

Accessories

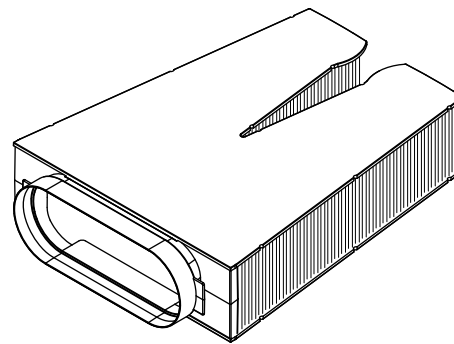
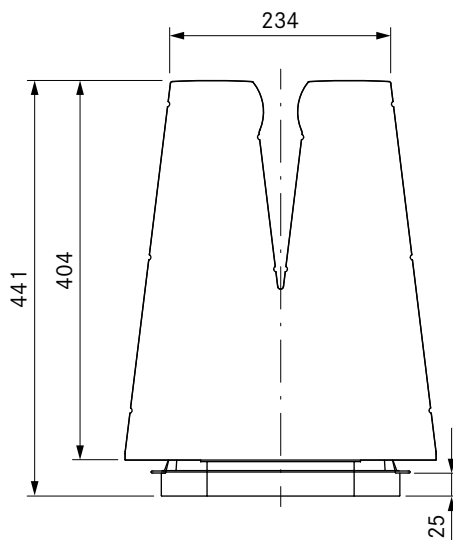
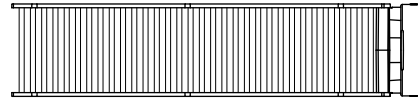
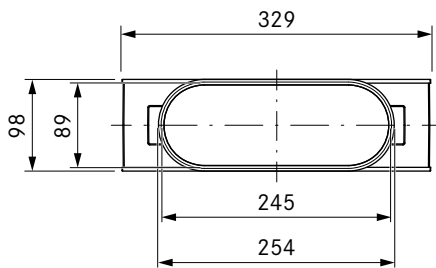
- Universal extension of UVNLE10 mains cable 10 m

product- and planning instructions

- If there are two fan modules in an air duct system, a minimum clearance of 3 m must be maintained between the two fans
- For installation in a round duct system with a diameter of Ø 150 mm
- A straight leg for the exhaust air of at least 500 mm is to be provided in front of and behind the fan
- Fixing elements must be provided at the installation site
- Not suitable for installation in living areas; do not install in furniture

ULBF

BORA air purification box Ecotube



technical data

| | |
|--------------------------------------|---------------------------------------------|
| Dimensions (WxDxH) | 329 x 441 x 98 mm |
| Weight (incl. accessories/packaging) | Approx. 2,5 kg |
| Casing material | Plastic |
| duct connection | BORA Ecotube |
| Filter material | Activated charcoal made from coconut shells |
| Activated charcoal granulate volume | 1.9 kg |
| Maximum filter service life | 300 h (1,5 years) |

Product description

- Service life approx. 300 h/1.5 years
- effective odour removal
- Flexible component
- Including required Ecotube seals
- complete system

Scope of delivery

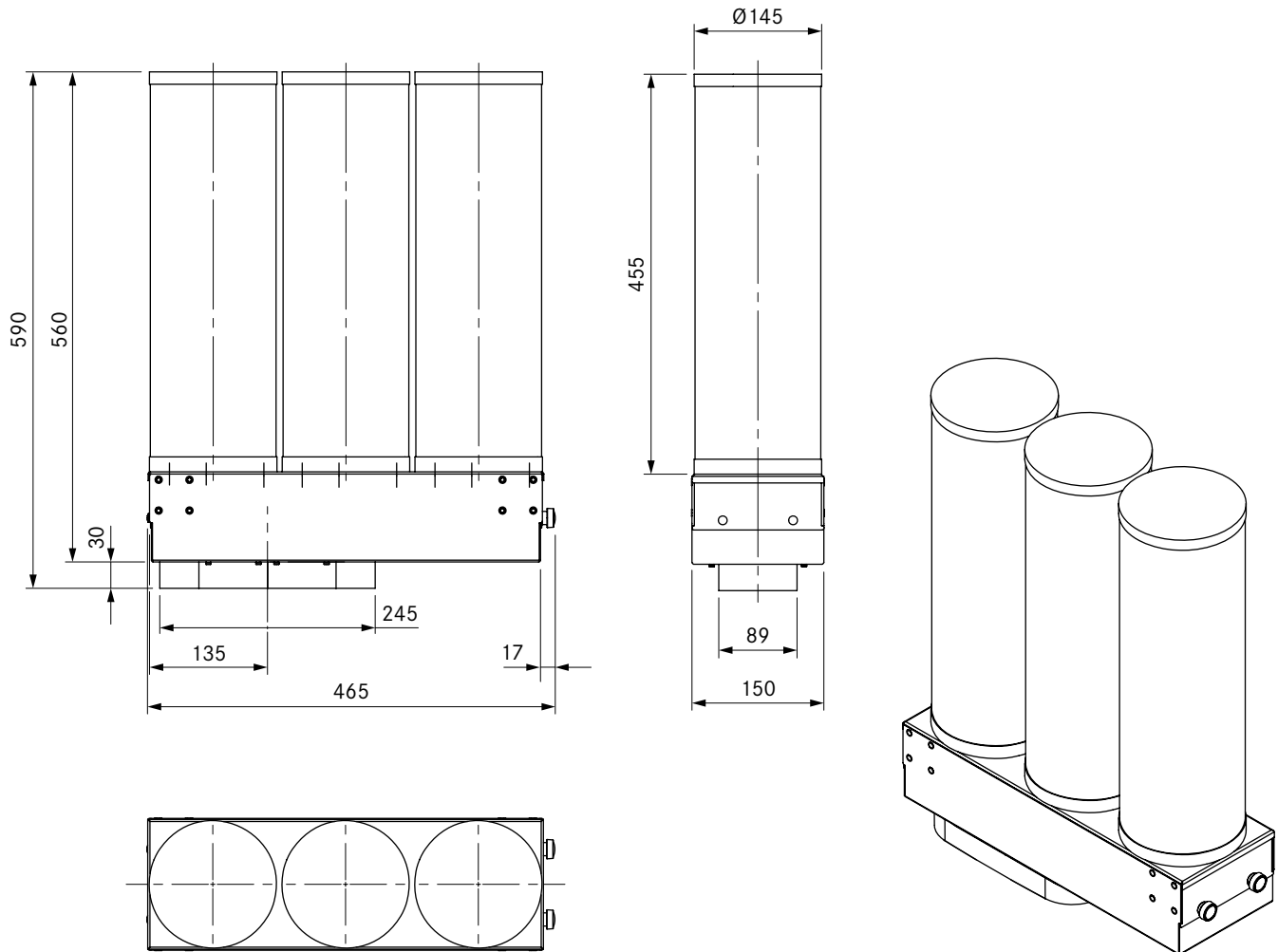
- Flexible air cleaning box ULBF
- 1x filter mounting bracket
- 1 x EFD
- 1 x EF47
- installation instructions

product- and planning instructions

- Clearance of at least 4 cm is required to replace the recirculation unit
- Suspended and horizontal installation options
- Moulded part with a shallow sleeve form
- Access for maintenance must be considered during planning
- Ensure minimum return flow aperture of 500 cm² (e.g. shortened plinth plate or slatted plinth)

ULB3

BORA air purification box with 3 activated charcoal filters



technical data

| | |
|--------------------------------------|-----------------------------|
| Dimensions (WxDxH) | 465 x 590 x 150 mm |
| Weight (incl. accessories/packaging) | Approx. 11.5 kg |
| Casing material | Galvanised steel |
| duct connection | BORA Ecotube |
| Filter material | Granular activated charcoal |
| Activated charcoal granulate volume | 8.5 kg |
| Maximum filter service life | 400 h (2 years) |

Product description

- Service life approx. 400 h/2 years
- Combination of activated charcoal filter cartridges and upstream fine filter
- effective odour removal
- Complete BORA system

Scope of delivery

- Air cleaning box ULB3
- 3 x activated charcoal filter cartridges
- fine filter
- Housing plinth
- Fixing screw set
- 2 x angle brackets
- 2 x mounting straps
- operating and installation instructions

Accessories

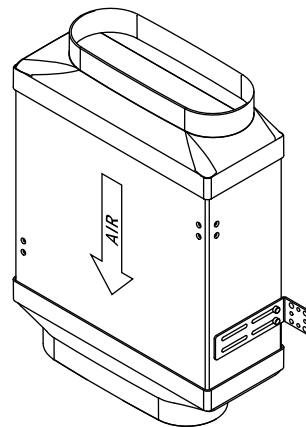
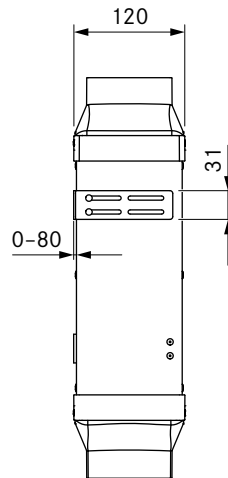
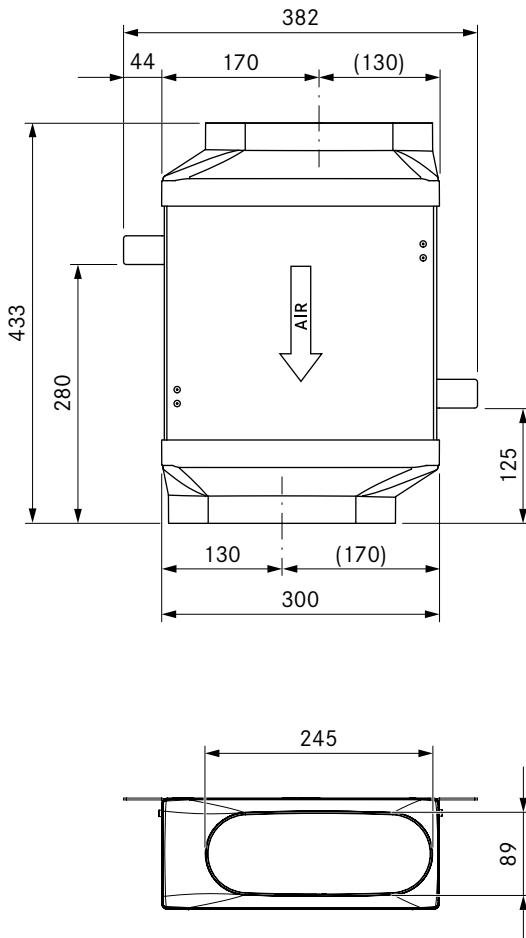
- ULBAS replacement activated charcoal filter set

product- and planning instructions

- Diverse installation options
- Duct connection shallow 245 x 89 mm
- Access for maintenance must be considered during planning
- A shallow duct connector EFV is needed to form a direct link between the air cleaning box and the shallow duct
- Clearance of at least 2 cm is required to replace the filter cartridges
- Clearance of at least 18 cm is required sideways to replace the filter
- Ensure minimum return flow aperture of 500 cm² (e.g. shortened plinth plate or slatted plinth)

USDF

BORA shallow silencer



technical data

| | |
|--------------------------------------|--------------------------|
| Dimensions (WxDxH) | 300 x 433 x 120 mm |
| Weight (incl. accessories/packaging) | Approx. 7.5 kg |
| Casing material | Galvanised steel/plastic |
| duct connection | BORA Ecotube |

Product description

- Sound pressure level reduction by approx. 8 dB (A)
- Complete BORA system

Scope of delivery

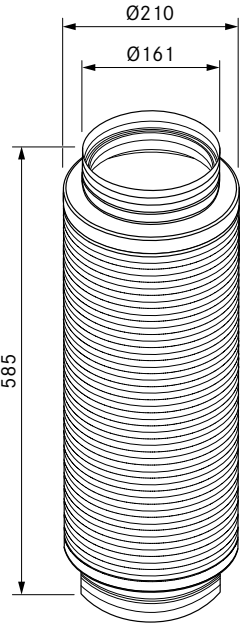
- USDF shallow silencer
- operating and installation instructions
- Fixing screw set
- 2 x angle brackets

product- and planning instructions

- It is not possible to shorten the length of the silencer

USDR50

BORA duct sound absorber 500mm incl. sealing material



technical data

| | |
|-----------------------|----------------|
| Dimensions (diameter) | Ø 210 x 585 mm |
| Casing material | Aluminium |
| duct connection | BORA Ecotube |

Product description

- Sound pressure level reduction by approx. 10 dB (A)
- Complete BORA system

Scope of delivery

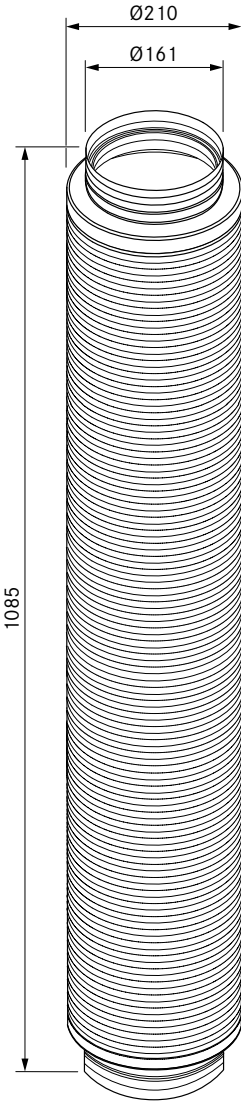
- Round silencer USDR50
- 2 x round seal ERD

product- and planning instructions

- It is not possible to shorten the length of the silencer
- <TextFlow whiteSpaceCollapse="preserve" version="3.0.0"><p>Round silencer with two round sleeve form</p><p></p><p></p></TextFlow>
- Recommended for installation in kitchen cabinets

USDR100

BORA duct sound absorber 1000mm incl. sealing material



technical data

| | |
|-----------------------|-----------------|
| Dimensions (diameter) | Ø 210 x 1085 mm |
| Casing material | Aluminium |
| duct connection | BORA Ecotube |

Product description

- Sound pressure level reduction by approx. 13 dB (A)
- Complete BORA system

Scope of delivery

- Round silencer USDR100
- 2 x round seal ERD

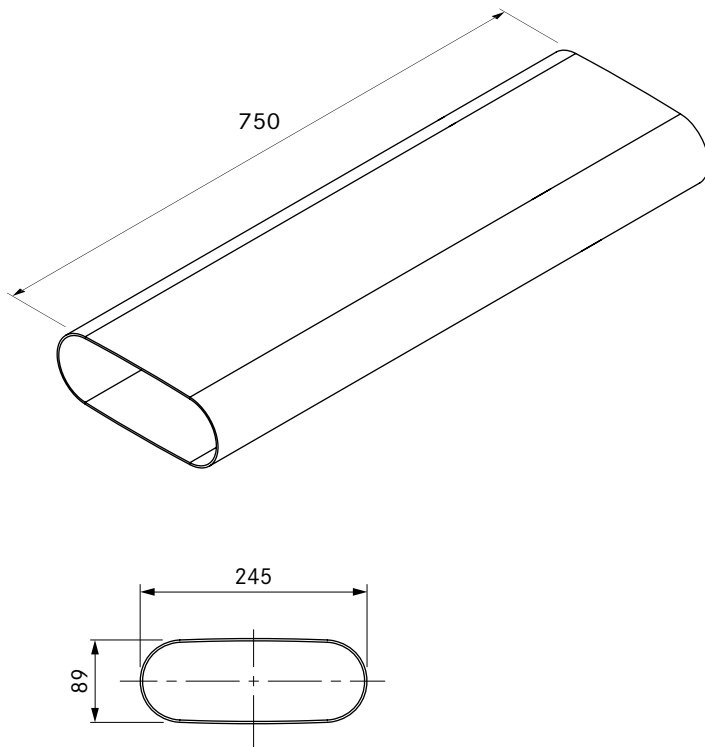
product- and planning instructions

- It is not possible to shorten the length of the silencer
- <TextFlow whiteSpaceCollapse="preserve" version="3.0.0"><p>Round silencer with two round sleeve form</p><p></p><p></p></TextFlow>
- Recommended for installation in basements

EF750/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube shallow duct 750mm



technical data

| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | 245 x 750 x 89 mm |
| Weight | 1.6 kg |
| Material property | B1 according to DIN 4102-1 |

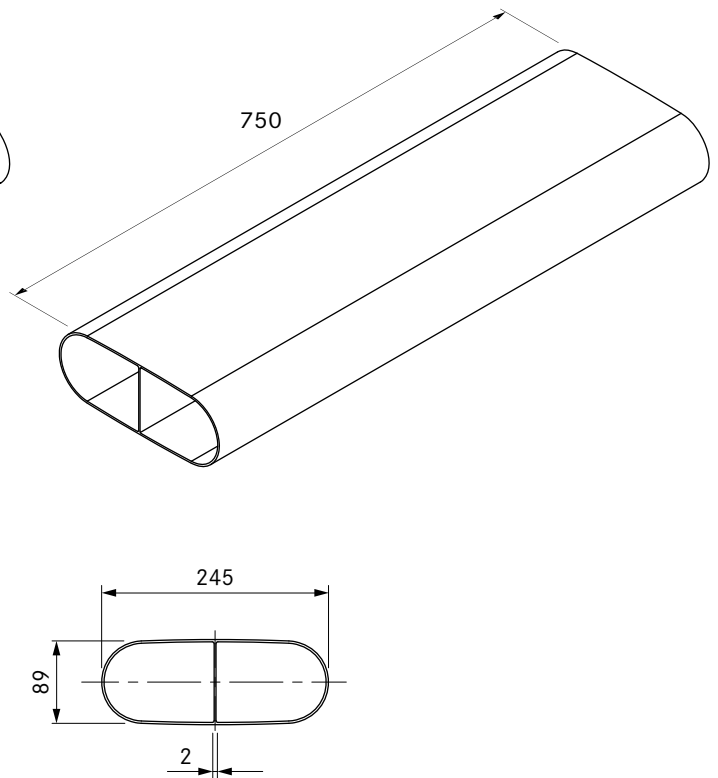
Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Individually shortenable
- Polished inner walls and oval cross section
- Complete BORA system

EFS750/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube shallow duct with a bar 750mm



technical data

| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | 245 x 750 x 89 mm |
| Weight | 1.7 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- Especially suited for installation in the floor structure
- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Individually shortenable
- Polished inner walls and oval cross section
- Complete BORA system

EF47/1

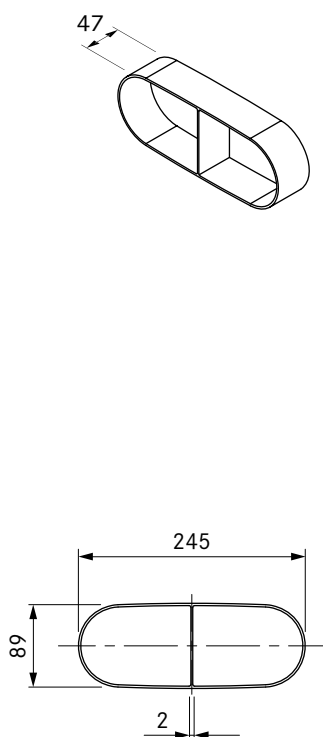
BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube shallow duct 47mm

ER750/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube round duct, 750mm



technical data

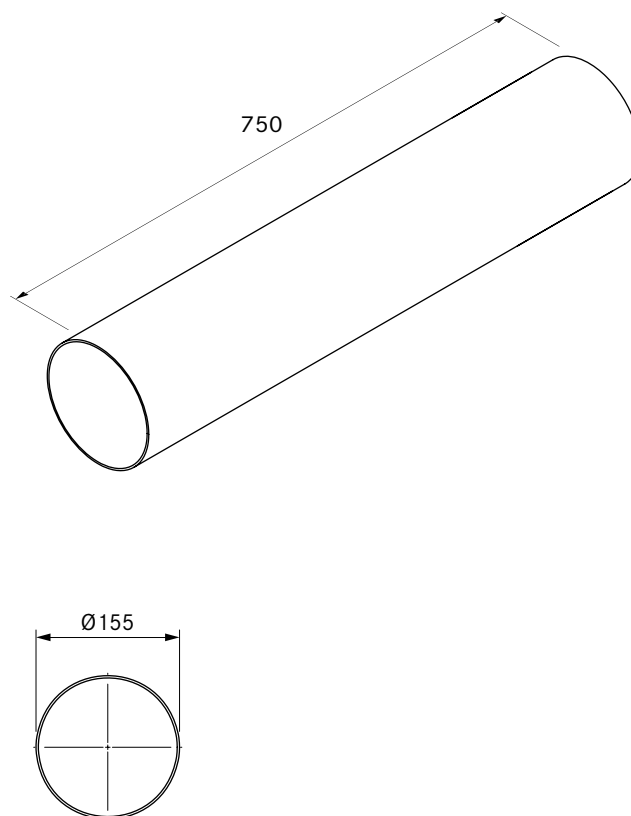
| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | 245 x 47 x 89 mm |
| Weight | 0.09 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Polished inner walls and oval cross section
- Complete BORA system

product- and planning instructions

- Shallow duct for direct connection of two shallow Ecotube sockets



technical data

| | |
|-----------------------|----------------------------|
| Dimensions (diameter) | Ø 155 x 750 mm |
| Weight | 1.6 kg |
| Material property | B1 according to DIN 4102-1 |

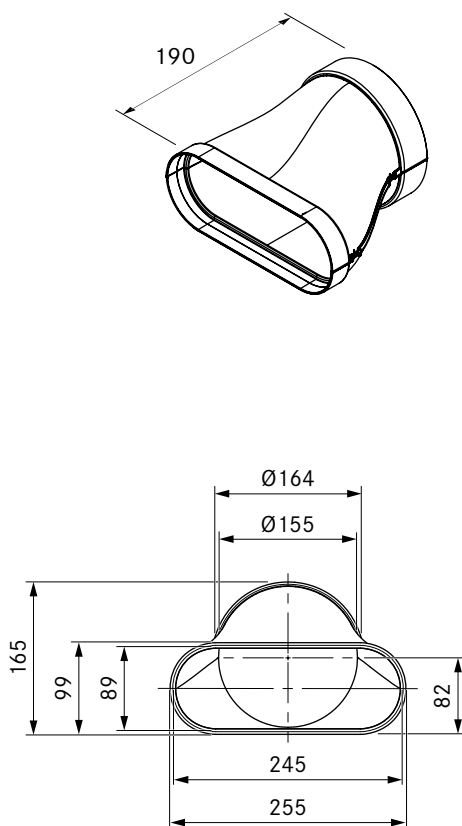
Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Individually shortenable
- Complete BORA system

EFRG/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube bridge flat round straight incl. sealing material



technical data

| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | 255 x 190 x 165 mm |
| Weight | 0.3 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x flat seal EFD
- 1 x round seal ERD

Accessories

- EFMS/ERMS mounting bracket set

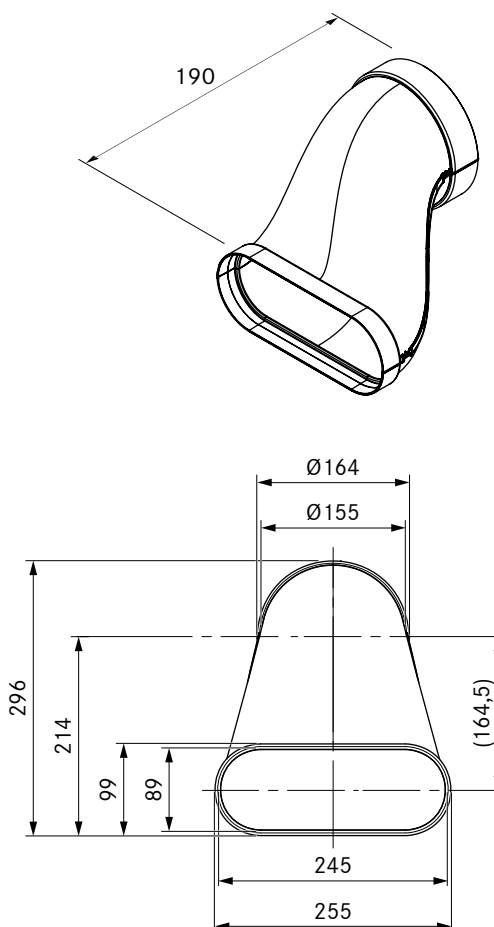
product- and planning instructions

- Moulded part with a shallow sleeve form
- Moulded part with a round sleeve form

EFRV/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube bridge flat round offset incl. sealing material



technical data

| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | 255 x 190 x 296 mm |
| Weight | 0.35 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x flat seal EFD
- 1 x round seal ERD

Accessories

- EFMS/ERMS mounting bracket set

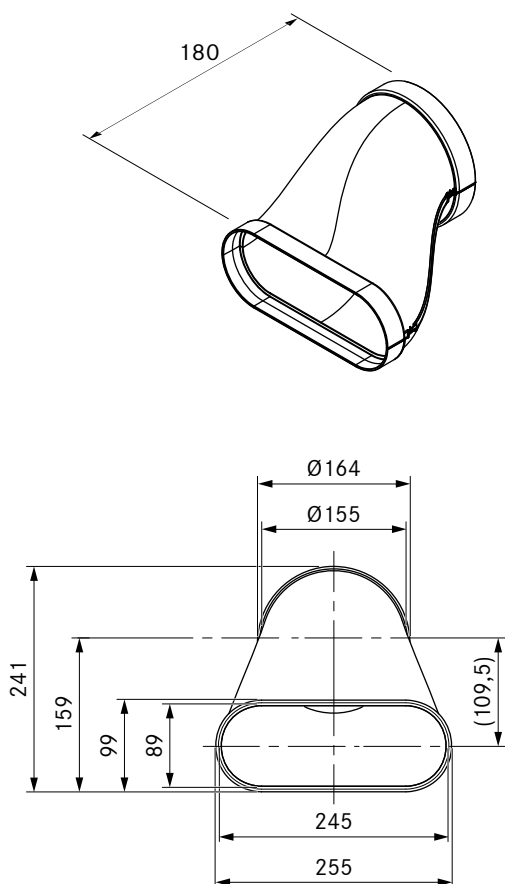
product- and planning instructions

- Moulded part with a shallow sleeve form
- Moulded part with a round sleeve form

EFRV110/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube transition, flat round offset 110mm incl. sealing material



technical data

| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | 255 x 180 x 241 mm |
| Weight | 0.3 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x flat seal EFD
- 1 x round seal ERD

Accessories

- EFMS/ERMS mounting bracket set

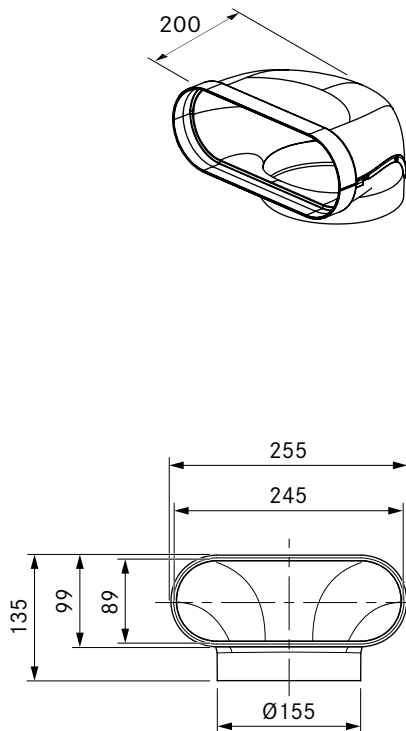
product- and planning instructions

- Moulded part with a shallow sleeve form
- Moulded part with a round sleeve form

EFR90/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube bridge 90° flat round incl. sealing material



technical data

| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | 255 x 200 x 135 mm |
| Weight | 0.32 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x flat seal EFD

Accessories

- EFMS mounting bracket set

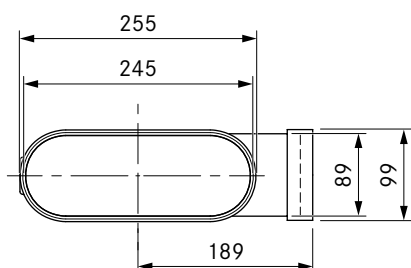
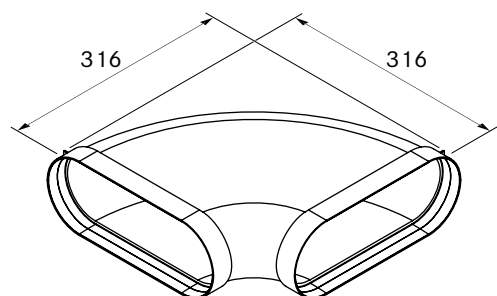
product- and planning instructions

- Moulded part with a shallow sleeve form

EFBH90/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube bend 90° flat horizontal incl. sealing material



technical data

| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | 316 x 316 x 99 mm |
| Weight | 0.75 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 2 x flat seal EFD

Accessories

- EFMS mounting bracket set

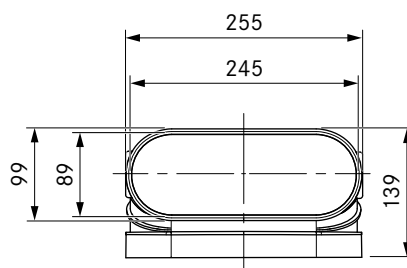
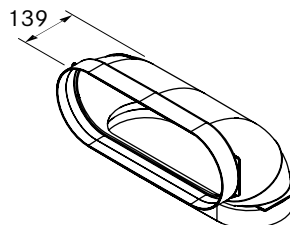
product- and planning instructions

- Moulded part with two shallow sleeve forms

EFBV90/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube bend 90° flat vertical incl. sealing material



technical data

| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | 255 x 139 x 139 mm |
| Weight | 0.35 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 2 x flat seal EFD

Accessories

- EFMS mounting bracket set

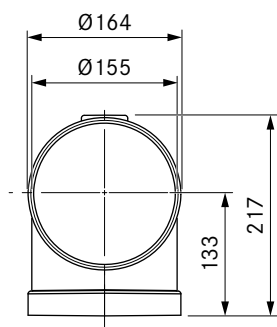
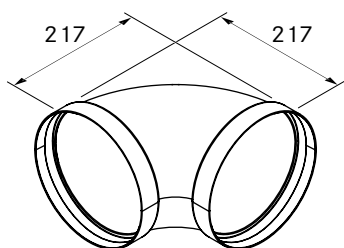
product- and planning instructions

- Moulded part with two shallow sleeve forms

ERB90/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube bend 90° round incl. sealing material



technical data

| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | Ø 164 x 217 x 217 mm |
| Weight | 0.37 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Material class B1
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 2 x round seal ERD

Accessories

- ERMS mounting bracket set

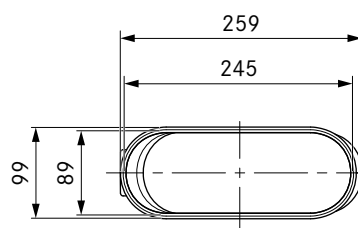
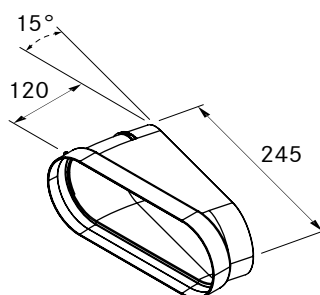
product- and planning instructions

- Moulded part with two round sleeve forms

EFBH15/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube bend 15° flat horizontal incl. sealing material



technical data

| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | 259 x 120 x 99 mm |
| Weight | 0.21 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Allows easy directional adjustments
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

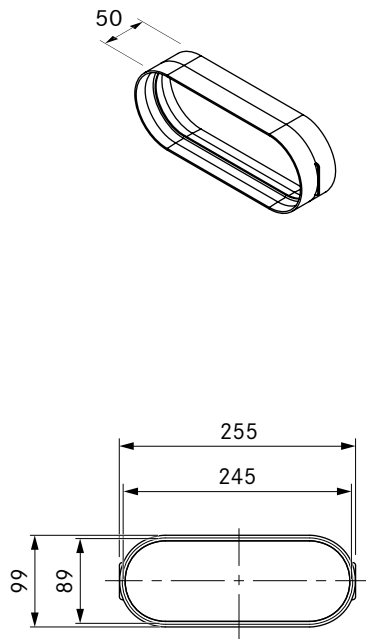
- 1 x flat seal EFD

Accessories

- EFMS mounting bracket set

product- and planning instructions

- Moulded part with a shallow sleeve form



technical data

| | |
|--------------------|----------------------------|
| Dimensions (WxDxH) | 255 x 50 x 99 mm |
| Weight | 0.12 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

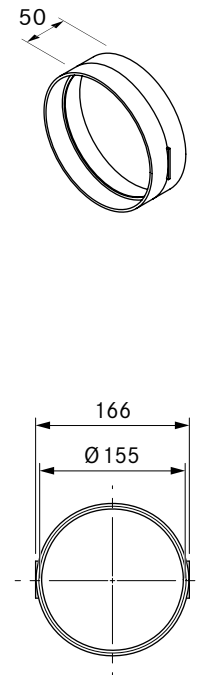
- 2 x flat seal EFD

Accessories

- EFMS mounting bracket set

product- and planning instructions

- Moulded part with two shallow sleeve forms



technical data

| | |
|-----------------------|----------------------------|
| Dimensions (diameter) | Ø 164 x 50 mm |
| Weight | 0.1 kg |
| Material property | B1 according to DIN 4102-1 |

Product description

- own duct system
- Full flexibility in the exhaust ducting
- Material class B1
- 100% tight without additional taping
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 2 x round seal ERD

Accessories

- ERMS mounting bracket set

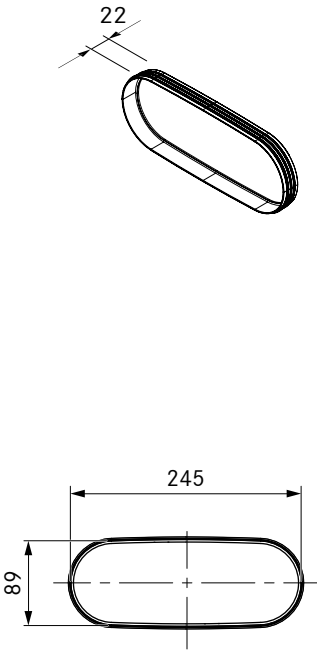
product- and planning instructions

- Moulded part with two round sleeve forms

EFD/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube flat seal



technical data

| | |
|--------------------|------------------------------------------|
| Dimensions (WxDxH) | 245 x 22 x 89 mm |
| Weight | 0.04 kg |
| Material property | Self-extinguishing pursuant to DIN 75200 |

Product description

- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Complete BORA system

product- and planning instructions

- Sealing material is included in the scope of delivery in the case of moulded parts with a socket design

ERD/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube round seal



technical data

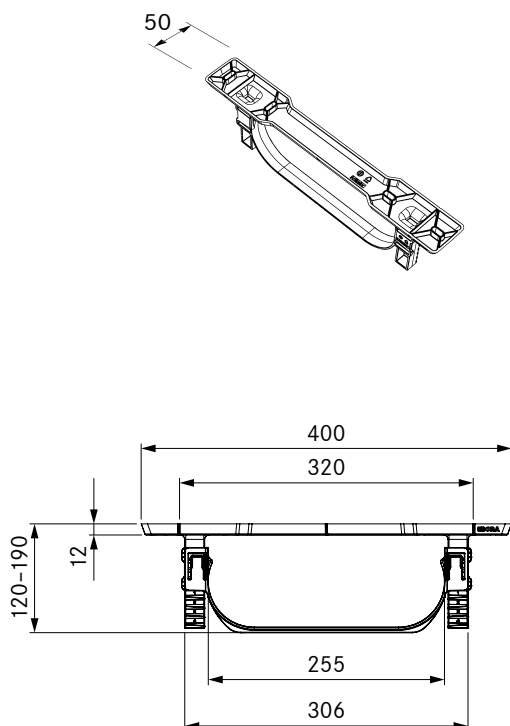
| | |
|-----------------------|------------------------------------------|
| Dimensions (diameter) | Ø 155 x 22 mm |
| Weight | 0.03 kg |
| Material property | Self-extinguishing pursuant to DIN 75200 |

Product description

- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Complete BORA system

product- and planning instructions

- Sealing material is included in the scope of delivery in the case of moulded parts with a socket design



technical data

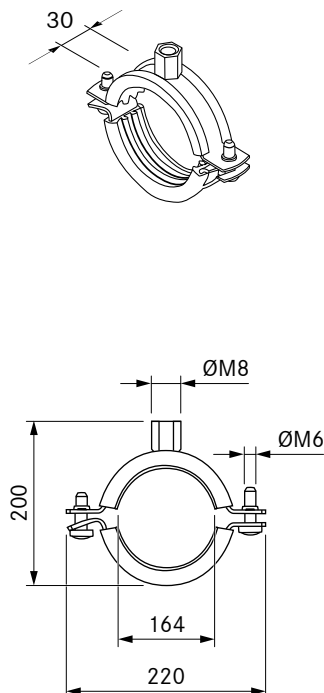
| | |
|--------------------|-------------------------|
| Dimensions (WxDxH) | 400 x 50 x 120 - 190 mm |
| Weight | 0.15 kg |

Product description

- own duct system
- Material class B1
- Complete BORA system

product- and planning instructions

- Fixing elements must be provided at the installation site
- The EFMS clamps the connection of the moulded parts
- It is recommended that an assembly set be used for each Ecotube duct section with a socket design



technical data

| | |
|--------------------|-------------------|
| Dimensions (WxDxH) | 220 x 30 x 200 mm |
| Weight | 0.45 kg |

Product description

- own duct system
- Complete BORA system
- Dowels included in the scope of delivery

Scope of delivery

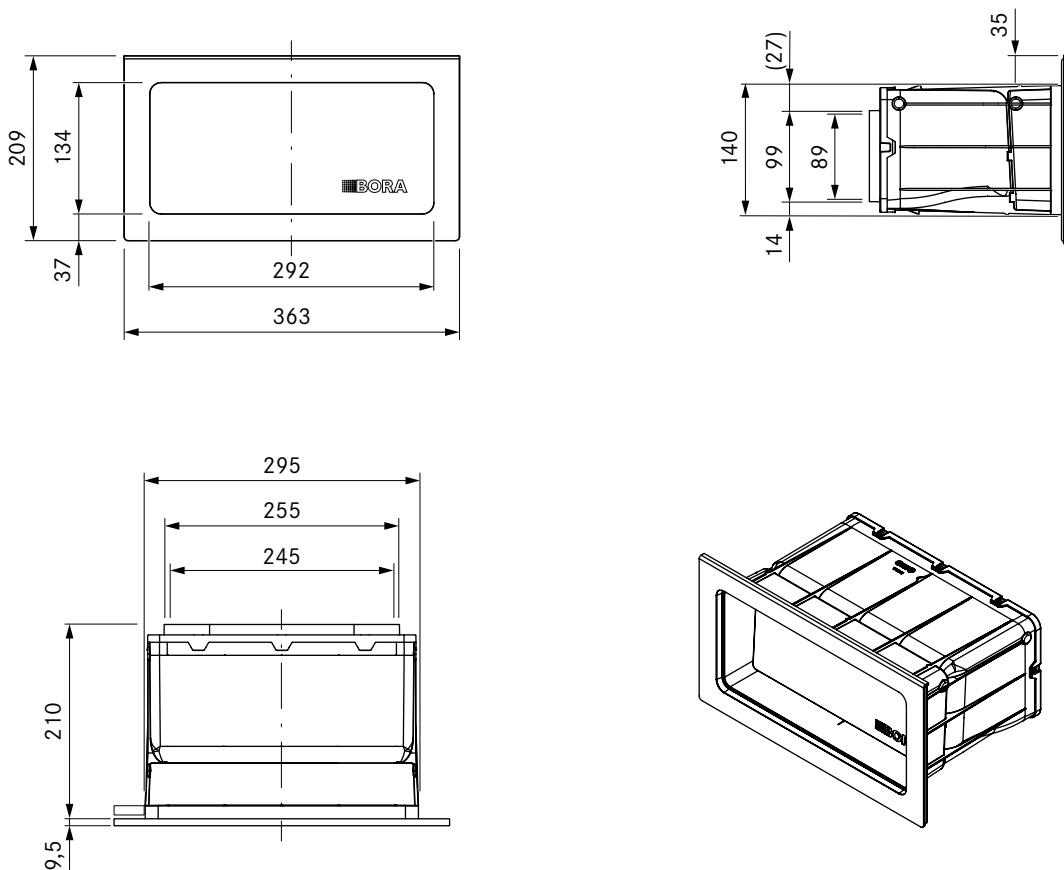
- Pipe clip
- M8 hanger bolt
- Corresponding dowel

product- and planning instructions

- Fixing elements must be provided at the installation site
- The ERMS clamps the connection of the moulded parts
- It is recommended that an assembly set be used for each Ecotube duct section with a socket design

UEBF/1

BORA 3box wall sleeve incl. sealing material



technical data

| | |
|--------------------------------------|---------------------------|
| Wall sleeve dimensions (WxDxH) | 290 x 210 x 140 mm |
| Cover dimensions (WxDxH) | 363 x 7.5 x 209 mm |
| Weight (incl. accessories/packaging) | approx. 2, 8 kg |
| Material | Plastic / stainless steel |
| duct connection | BORA Ecotube |
| U-value according to EN ISO 12567-1 | 1,1 W/(m²K) |

Product description

- Optimal extraction performance with the lowest possible noise level
- Purely mechanical operation
- Two flaps with EPS insulation
- Outstanding insulation value
- Integrated water drainage to the outside
- Low pressure resistance during operation
- Optimised opening pressure
- UV resistant materials
- 100% tight without additional taping
- Including required Ecotube seals

Scope of delivery

- UEBF BORA 3box
- 6 x mounting wedges made of EPS
- operating and installation instructions
- 1 x flat seal EFD

Accessories

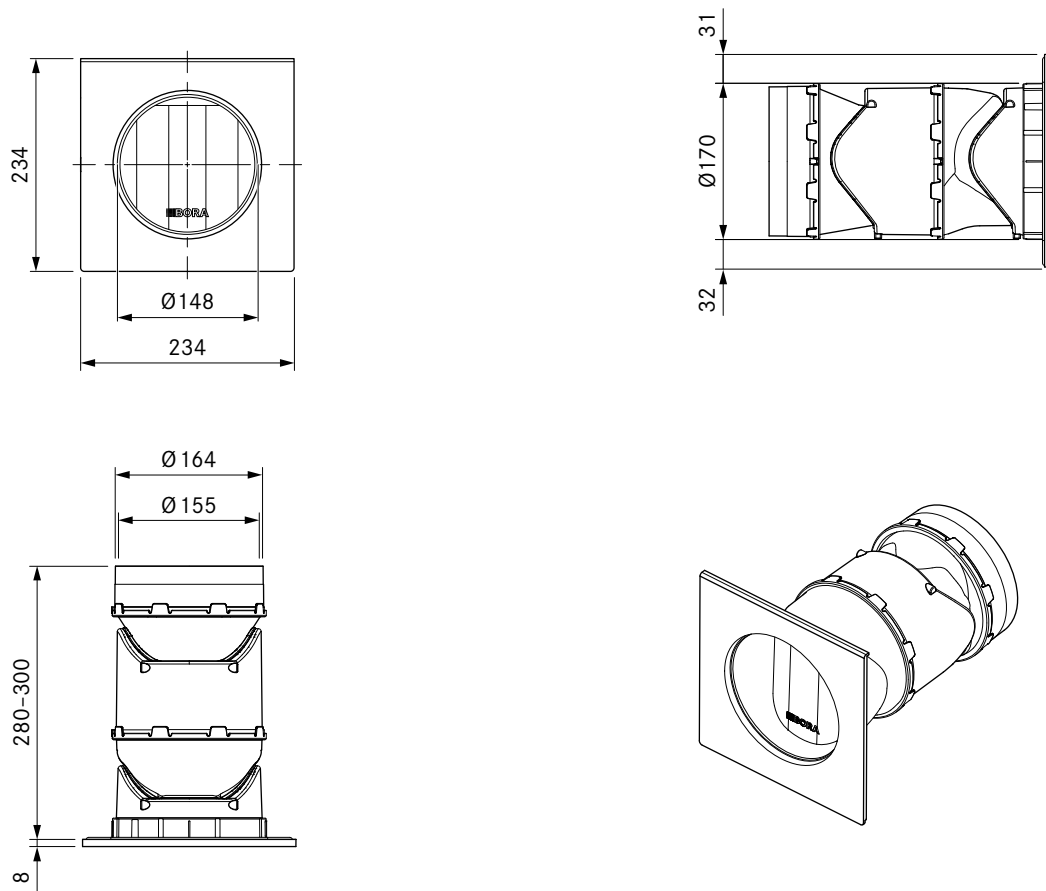
- BORA 3box wall sleeve safety guard UEBFES

product- and planning instructions

- Wall opening: 310 x 155 mm
- Ecotube duct connection with a shallow sleeve form
- Suitable for a minimum wall depth of 200 mm
- The wall sleeve must not be installed rotated 180°, vertical or with the exhaust opening facing downwards
- The safety guard UEBFES is to be used if the distance between the fan exhaust opening and the wall sleeve exhaust opening is less than 900 mm in the case of a straight exhaust duct
- Must expel air in a straight line regardless of the weather conditions

UEBR/1

BORA 3box wall sleeve round incl. sealing material



technical data

| | |
|--------------------------------------|---------------------------|
| Wall sleeve dimensions (WxDxH) | Ø 170 x 280 – 300 mm |
| Cover dimensions (WxDxH) | 234 x 8 x 234 mm |
| Weight (incl. accessories/packaging) | Approx. 2.0 kg |
| Material | Plastic / stainless steel |
| duct connection | BORA Ecotube |
| U-value according to EN ISO 12567-1 | 1,5 W/(m²K) |

Product description

- Purely mechanical operation
- Two flaps with EPS insulation
- Outstanding insulation value
- Shortenable sleeve design
- Optimised opening pressure
- Reduced installation effort
- Plaster cover
- Integrated water drainage to the outside
- Low pressure resistance during operation
- UV resistant materials

Scope of delivery

- BORA 3box UEBR
- Plaster cover
- installation instructions
- 1 x round seal ERD

Accessories

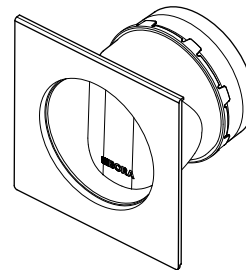
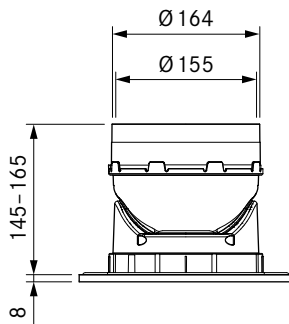
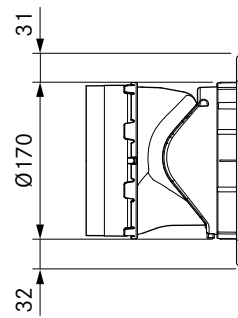
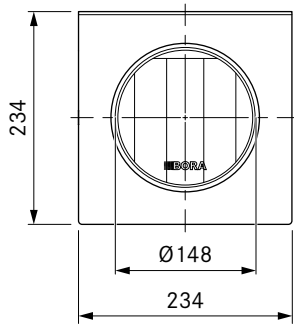
- BORA 3box wall sleeve round safety guard UEBRES

product- and planning instructions

- Core hole diameter Ø180 mm
- Duct connection Ecotube with a round bushing design
- Bushing length 45 mm (can be shortened by 20 mm)
- Suitable for a minimum wall depth of 280 mm
- The wall sleeve must not be installed rotated 180°, vertical or with the exhaust opening facing downwards
- The safety guard UEBRES is to be used if the distance between the fan exhaust opening and the wall sleeve exhaust opening is less than 900 mm in the case of a straight exhaust duct
- Must expel air in a straight line regardless of the weather conditions

UEBRK/1

BORA 3box wall sleeve round short incl. sealing material



technical data

| | |
|--------------------------------------|---------------------------|
| Wall sleeve dimensions (WxDxH) | Ø 170 x 145 – 165 mm |
| Cover dimensions (WxDxH) | 234 x 8 x 234 mm |
| Weight (incl. accessories/packaging) | Approx. 1.5 kg |
| Material | Plastic / stainless steel |
| duct connection | BORA Ecotube |
| U-value according to EN ISO 12567-1 | 3,2 W/(m²K) |

Product description

- Installation in thin walls
- Purely mechanical operation
- One flap with EPS insulation
- Optimised opening pressure
- Reduced installation effort
- Shortenable sleeve design
- Plaster cover
- Integrated water drainage to the outside
- Low pressure resistance during operation
- UV resistant materials

Scope of delivery

- BORA 3box UEBRK
- Plaster cover
- installation instructions
- 1 x round seal ERD

Accessories

- BORA 3box wall sleeve round safety guard UEBRES

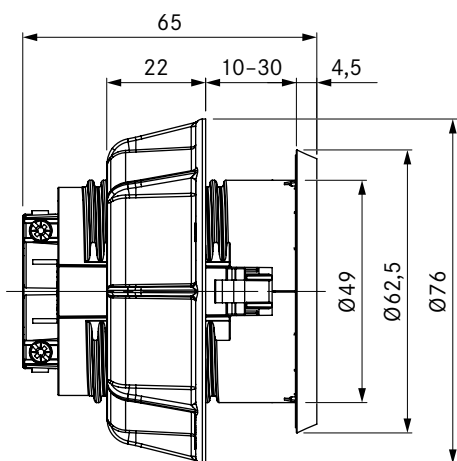
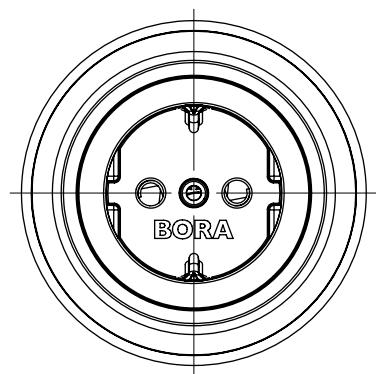
product- and planning instructions

- Core hole diameter Ø180 mm
- Duct connection Ecotube with a round bushing design
- Bushing length 45 mm (can be shortened by 20 mm)
- Suitable for a minimum wall depth of 145 mm
- The wall sleeve must not be installed rotated 180°, vertical or with the exhaust opening facing downwards
- The safety guard UEBRES is to be used if the distance between the fan exhaust opening and the wall sleeve exhaust opening is less than 900 mm in the case of a straight exhaust duct
- Must expel air in a straight line regardless of the weather conditions

USTF / USTFAB

BORA UNIVERSAL ARTICLE
ACCESSORIES

BORA socket type F / BORA All Black socket type F



technical data

| | |
|--------------------------|-----------------|
| Supply voltage | 220 – 240 V |
| Minimum fuse protection | 16 A (type F) |
| Dimensions (diameter) | Ø 76 x 60,5 mm |
| Cover dimensions (WxDxH) | Ø 62,5 x 4,5 mm |

Product description

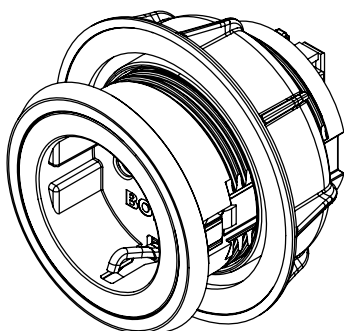
- Connectivity for small electrical kitchen appliances
- Integrated childproofing feature
- Suitable for DE, ES, IT, AT, LU, PT, RU, BR, SE, NL
- Spacing ring in the scope of delivery
- Integrated 2 m connection cable
- Uniform cover drill diameter
- matching accessories
- Complete BORA system

Scope of delivery

- Socket USTF
- 2 m connection cable with country-specific plug

product- and planning instructions

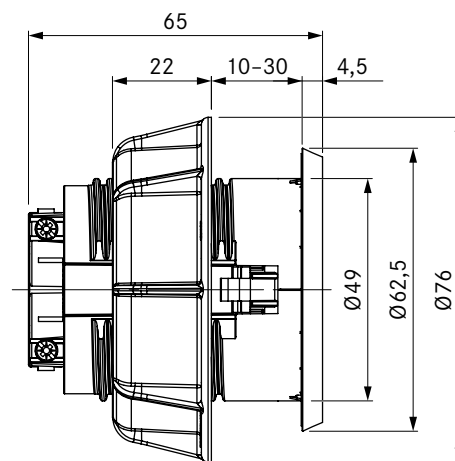
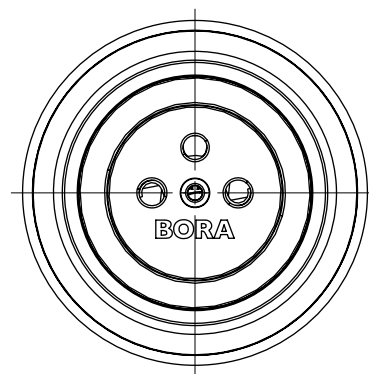
- Only for unit installation in kitchen cupboards with a front thickness of 10 mm to 30 mm
- Panel drill hole Ø 50 ±0.5 mm



USTE / USTEAB

BORA UNIVERSAL ARTICLE
ACCESSORIES

BORA socket type E / BORA socket type E All Black



technical data

| | |
|--------------------------|-----------------|
| Supply voltage | 220 – 240 V |
| Minimum fuse protection | 16 A (type E) |
| Dimensions (diameter) | Ø 76 x 60,5 mm |
| Cover dimensions (WxDxH) | Ø 62,5 x 4,5 mm |

Product description

- Connectivity for small electrical kitchen appliances
- Integrated childproofing feature
- Suitable for FR, PL, BE, CZ, SK
- Spacing ring in the scope of delivery
- Integrated 2 m connection cable
- Uniform cover drill diameter
- matching accessories
- Complete BORA system

Scope of delivery

- Socket USTE
- 2 m connection cable with country-specific plug

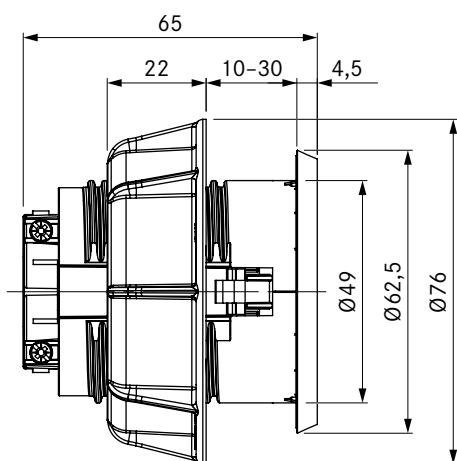
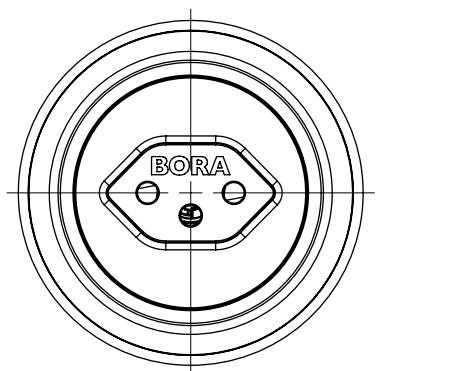
product- and planning instructions

- Only for unit installation in kitchen cupboards with a front thickness of 10 mm to 30 mm
- Panel drill hole Ø 50 ±0.5 mm

USTJ / USTJAB

BORA UNIVERSAL ARTICLE
ACCESSORIES

BORA socket type J / BORA socket type J All Black



technical data

| | |
|--------------------------|-----------------|
| Supply voltage | 220 - 240 V |
| Minimum fuse protection | 10 A (type J) |
| Dimensions (diameter) | Ø 76 x 60,5 mm |
| Cover dimensions (WxDxH) | Ø 62,5 x 4,5 mm |

Product description

- Connectivity for small electrical kitchen appliances
- Suitable for CH, LI
- Spacing ring in the scope of delivery
- Integrated 2 m connection cable
- Uniform cover drill diameter
- matching accessories
- Complete BORA system

Scope of delivery

- Socket USTJ
- 2 m connection cable with country-specific plug

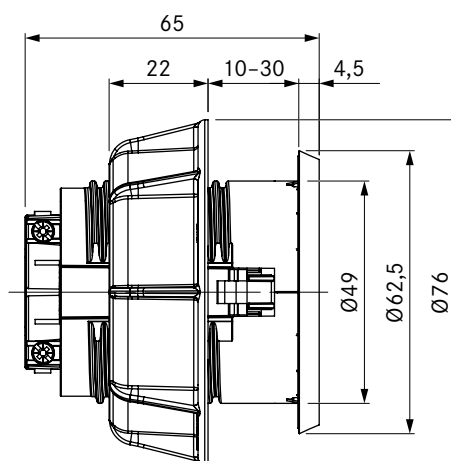
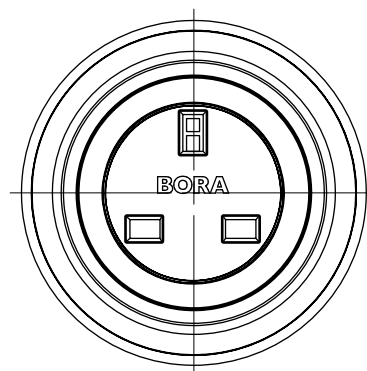
product- and planning instructions

- Only for unit installation in kitchen cupboards with a front thickness of 10 mm to 30 mm
- Panel drill hole Ø 50 ±0.5 mm

USTG / USTGAB

BORA UNIVERSAL ARTICLE
ACCESSORIES

BORA socket type G / BORA socket type G All Black



technical data

| | |
|--------------------------|-----------------|
| Supply voltage | 220 - 240 V |
| Minimum fuse protection | 13 A (type G) |
| Dimensions (diameter) | Ø 76 x 60,5 mm |
| Cover dimensions (WxDxH) | Ø 62,5 x 4,5 mm |

Product description

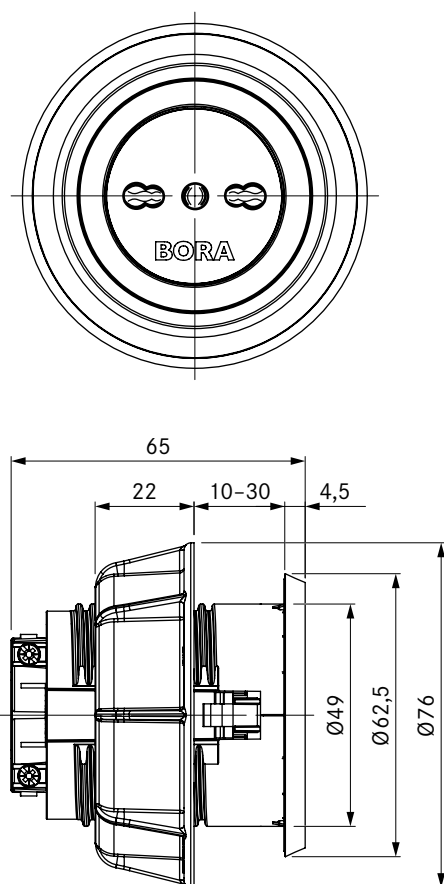
- Connectivity for small electrical kitchen appliances
- Suitable for UK, AE, SG
- Spacing ring in the scope of delivery
- Integrated 2 m connection cable
- Uniform cover drill diameter
- matching accessories
- Complete BORA system

Scope of delivery

- Socket USTG
- 2 m connection cable with country-specific plug

product- and planning instructions

- Only for unit installation in kitchen cupboards with a front thickness of 10 mm to 30 mm
- Panel drill hole Ø 50 ±0.5 mm



technical data

| | |
|--------------------------|-----------------|
| Supply voltage | 220 - 240 V |
| Minimum fuse protection | 16 A (type L) |
| Dimensions (diameter) | Ø 76 x 60,5 mm |
| Cover dimensions (WxDxH) | Ø 62,5 x 4,5 mm |

Product description

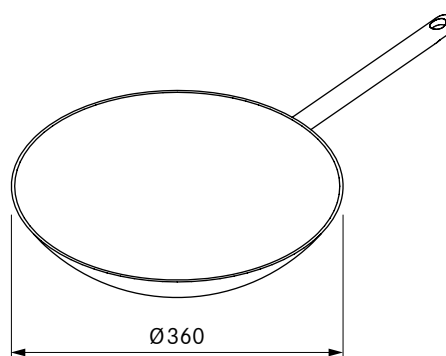
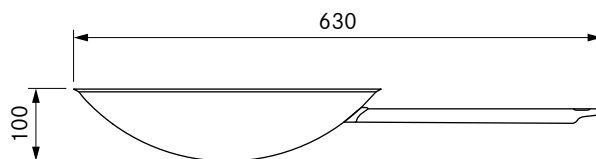
- Connectivity for small electrical kitchen appliances
- Suitable for IT, SM
- Spacing ring in the scope of delivery
- Integrated 2 m connection cable
- Uniform cover drill diameter
- matching accessories
- Complete BORA system

Scope of delivery

- Socket USTL
- 2 m connection cable with country-specific plug

product- and planning instructions

- Only for unit installation in kitchen cupboards with a front thickness of 10 mm to 30 mm
- Panel drill hole Ø 50 ±0,5 mm



technical data

| | |
|-----------------------|----------------------------------------------------------|
| Dimensions (diameter) | Ø 360 mm |
| Material | Multi-layer material up to the edge with special coating |
| Surface material | Silvinox® |
| Capacity | Approx. 6 l |

Product description

- Induction possible
- Multi-layer material with special alloy
- Handle made of high-quality stainless steel
- matching accessories

Scope of delivery

- HIW1 BORA induction wok

BORA accessories Highlights

BORA PROFESSIONAL 2.0 ACCESSORIES



PKA1VK

BORA Pro cover flap



PKA1FW

BORA Pro filter tray



PB1KR

BORA Pro knob ring

PKA1VKAB

BORA Pro cover flap All Black

PB1KRAB

BORA Pro knob ring All Black

- Intelligent control knob
- Trendsetting design
- Operation via control knobs

BORA CLASSIC 2.0 ACCESSORIES



CKAED

BORA Classic air inlet nozzle

- Quick commissioning
- Easy removal by tilting mechanism
- High quality, robust design



CER

BORA Classic inlay-frame

- Semi-flush installation
- matching accessories



USL515

BORA side frame for cooktop depth 515mm

USL515AB

BORA side frame for cooktop depth 515mm All Black

- Protection of glass ceramics
- Simple installation
- High-quality material

BORA X PURE ACCESSORIES



PUXED

BORA X Pure air inlet nozzle

- Automatic centring
- Quick commissioning
- matching accessories



PULB

BORA Pure air purification box

- Simple and cost-efficient filter change
- Easy removal & optimal accessibility
- matching accessories



PULBTA

BORA Pure air purification box telescopic pull-out

- For extra-deep floor units
- matching accessories



PUHIM

BORA Pure Home In module

- Modular Home In principle
- Optional Home In functionality
- matching accessories



BKR830

BORA cooktop frame for width 830mm

- Protection of glass ceramics
- Simple installation
- High-quality material



USL515

BORA side frame for cooktop depth 515mm

USL515AB

BORA side frame for cooktop depth 515mm All Black

- Protection of glass ceramics
- Simple installation
- High-quality material

BORA PURE ACCESSORIES



PUED

BORA Pure air inlet nozzle
black

- Automatic centring
- Quick commissioning
- matching accessories



PUEDB

BORA Pure air inlet nozzle
blue

- Automatic centring
- Colourful inlet nozzles
- matching accessories



PUEDO

BORA Pure air inlet nozzle
orange

- Automatic centring
- Colourful inlet nozzles
- matching accessories



PUHIM

BORA Pure Home In module

- Modular Home In principle
- Optional Home In functionality
- matching accessories



PUEDR

BORA Pure air inlet nozzle
red

- Automatic centring
- Colourful inlet nozzles
- matching accessories



PUEDJ

BORA Pure air inlet nozzle
jade green

- Automatic centring
- Colourful inlet nozzles
- matching accessories



PUEDG

BORA Pure air inlet nozzle
greige

- Automatic centring
- Colourful inlet nozzles
- matching accessories



USL515

BORA side frame for cooktop depth
515mm

USL515AB

BORA side frame for cooktop depth
515mm All Black

- Protection of glass ceramics
- Simple installation
- High-quality material



PULB

BORA Pure air purification box

- Simple and cost-efficient filter change
- Easy removal & optimal accessibility
- matching accessories



PULBTA

BORA Pure air purification box
telescopic pull-out

- For extra-deep floor units
- matching accessories



BKR760

BORA cooktop frame for width
760mm

- Protection of glass ceramics
- Simple installation
- High-quality material

BORA BASIC ACCESSORIES



BFIED

BORA Basic air inlet nozzle,
flat, framed in a stainless
steel ring

- Quick commissioning
- matching accessories



USL515

BORA side frame for cooktop
depth 515mm

USL515AB

BORA side frame for cooktop
depth 515mm All Black

- Protection of glass ceramics
- Simple installation
- High-quality material



BKR760

BORA cooktop frame for width
760mm

BKR830

BORA cooktop frame for width
830mm

- Protection of glass ceramics
- Simple installation
- High-quality material



BEDAB

BORA Basic air inlet nozzle
All Black

- Quick commissioning
- Increased hardness and wear resistance
- matching accessories

BORA accessories Highlights

BORA UNIVERSAL ARTICLE ACCESSORIES



USTF

BORA socket type F



USTFAB

BORA All Black socket type F

- Connectivity for small electrical kitchen appliances
- Integrated childproofing feature
- Suitable for DE, ES, IT, AT, LU, PT, RU, BR, SE, NL



USTE

BORA socket type E



USTEAB

BORA socket type E All Black

- Connectivity for small electrical kitchen appliances
- Integrated childproofing feature
- Suitable for FR, PL, BE, CZ, SK



USTJ

BORA socket type J



USTJAB

BORA socket type J All Black

- Connectivity for small electrical kitchen appliances
- Suitable for CH, LI
- Spacing ring in the scope of delivery



USTG

BORA socket type G



USTGAB

BORA socket type G All Black

- Connectivity for small electrical kitchen appliances
- Suitable for UK, AE, SG
- Spacing ring in the scope of delivery



USTL

BORA socket type L



USTLAB

BORA socket type L All Black

- Connectivity for small electrical kitchen appliances
- Suitable for IT, SM
- Spacing ring in the scope of delivery



HIW1

BORA induction wok pan

- Induction possible
- Multi-layer material with special alloy
- Handle made of high-quality stainless steel



UGS

BORA glass ceramic scraper

- Easy removal of dirt and incrustations
- Suitable for all BORA glass ceramic cooktops
- matching accessories



PTTS1

BORA Pro Tepan spatula

- Suitable for flipping food and cleaning
- Suitable for BORA Tepan stainless steel grills



UEBFES

BORA 3box wall sleeve vent guard

UEBRES

BORA 3box wall sleeve round vent guard

- Safety-related component
- Simple ordering



UFKS

BORA window contact switch

- Safety
- Certified device
- The connection cable must be provided at the installation site



UWM1

BORA wind gauge

- Quick function test

BORA GREASE FILTER



PKA1FF

BORA Pro stainless steel grease filter

- Optimal grease removal
- matching accessories
- Complete BORA system



CKAFFE

BORA Classic grease filter unit

- Optimal grease removal
- Two-part grease filter unit
- Innovative grease removal principle



PUEF

BORA Pure stainless steel grease filter

- Optimal grease removal
- matching accessories
- Complete BORA system



BFF

BORA Basic stainless steel grease filter BH/BF

- Optimal grease removal
- matching accessories
- Complete BORA system

BORA ODOUR FILTER



PUAKF

BORA Pure activated carbon filter

- Service life approx. 150 h/1 year
- Easy removal & optimal accessibility
- Simple and cost-efficient filter change



BAKFS

BORA Basic activated carbon filter set (2 pcs.) BHU/BIU/BFIU

- Service life approx. 150 h/1 year
- effective odour removal
- matching accessories



ULBF

BORA air purification box flexible

- Service life approx. 300 h/1.5 years
- effective odour removal
- Flexible component



ULB3

BORA air purification box with 3 activated charcoal filters

- Service life approx. 400 h/2 years
- Combination of activated charcoal filter cartridges and upstream fine filter
- effective odour removal

BORA GAS-NOZZLE SETS

NATURAL GAS

| item number | Ø SR burner/normal burner | Ø R burner/high-power burner | Countries |
|-------------|---------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PKGDS2020 | 104 | 125 | AT, BE, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, IE, IS, IT, LT, LU, LV, MT, NO, PL, PT, RO, SE, SI, SK, TR |
| PKGDS2525 | 104 | 131 | NL |
| PKGDS2013 | 115 | 149 | RU |
| PKGDS2025 | 100 | 119 | HU |
| PKGDS2520 | 110 | 131 | optional DE |
| PKGDS2010 | 122 | 155 | AUS, NZ |

LIQUID GAS

| item number | Ø SR burner/normal burner | Ø R burner/high-power burner | Countries |
|--------------------------------------|---------------------------|------------------------------|----------------------------------------------------------------------------------------------------|
| PKGDS3028 | 69 | 85 | BE, CH, CY, CZ, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, NL, NO, PL, PT, RO, SE, SI, SK, TR |
| PKGDS3050 | 62 | 78 | AT, CH, DE, GR, SK |
| additional nozzle sets for PKG11-1XX | | | |
| PKGDS3130 | 75 | 92 | AUS, NZ, CZ, FI, NL |
| PKGDS3150 | 65 | 80 | AT, CH, CZ, DE, NL, SK |

Function matrix

for all product lines and appliances

| | BORA Professional 2.0 | | | | | | | | | |
|----------------------------------------|--------------------------|------|--------|-------|-------|-------|-------|-------|-------|-------|
| | PKA | PKAS | PKFI11 | PKI11 | PKIW1 | PKC32 | PKC3B | PKCH2 | PKG11 | PKT11 |
| Automatic extractor control | X | X | | | | | | | | |
| Accurate temperature display | | | | | | | | | | X |
| Accurate temperature control | | | | | | | | | | X |
| Cleaning function | | | | | | | | | | X |
| Variable heat retention function | | | X | X | X | X | X | X | X | X |
| 2-ring switching | | | | | | X | | X | | |
| 3-ring switching | | | | | | X | X | | | |
| automatic heat up function | | | X | X | X | X | X | X | X | |
| Automatic grease filter detection | X | X | | | | | | | | |
| Automatic reignition | | | | | | | | | X | |
| Roaster switching | | | | | | | X | | | |
| bridging function | | | X | | | | | | | X |
| Easy to customise | X | X | X | X | X | X | X | X | X | X |
| Intuitive, context-sensitive handling | | | | | | | | | | |
| childproofing feature | | | X | X | X | X | X | X | X | X |
| Timer | X | X | X | X | X | X | X | X | X | X |
| Pause function | | | X | X | X | X | X | X | X | X |
| Extraction power level | X | X | | | | | | | | |
| Cooking zone power levels | | | X | X | X | | | | X | X |
| Front cooking zone power levels | | | | | | | | X | | |
| Cleaning lock | | | | | | | | | | |
| Cooking zone timers | | | X | X | X | X | X | X | X | X |
| pan size recognition | | | X | X | X | | | | | |
| warming function | | | | | | | | | | |
| Demo mode | X | X | X | X | X | X | X | X | X | X |
| 5 power levels | | | | | | | | | | |
| 9 power levels | X | X | X | X | X | X | X | X | X | X |
| automatic bridging function | | | | | | | | | | |
| Control knob cooking zone indicator | | | X | X | X | X | X | X | X | X |
| Power-level display on control knob | X | X | X | X | X | X | X | X | X | X |
| Automatic after-run | X | X | | | | | | | | |
| Power management | | | | | | | | | | |
| residual heat display | | | X | X | X | X | X | X | X | X |
| Protection from accidental misuse | | | | | | | | | | |
| Recirculation filter service indicator | X | X | | | | | | | | |
| Cooking zone safety shut-down | | | X | X | X | X | X | X | X | X |
| Cooking zone overheating protection | | | X | X | X | X | X | X | | X |

| | BORA Classic 2.0 | | | | | | | | | BORA X Pure | | | BORA Pure | | | BORA Basic | | | |
|--|---------------------|------|-----|------|------|------|-----|-----|--|----------------|------|--|--------------|------|--|---------------|------|-----|-----|
| | CKA2 | CKFI | CKI | CKIW | CKCH | CKCB | CKG | CKT | | PUXA | PUXU | | PURA | PURU | | BFIA | BFIU | BHA | BHU |
| | X | | | | | | | | | X | X | | X | X | | X | X | | |
| | | | | | | | | X | | | | | | | | | | | |
| | | | | | | | | X | | | | | | | | | | | |
| | | | | | | | | X | | | | | | | | | | | |
| | | X | X | X | X | X | X | X | | X | X | | | | | X | X | | |
| | | | | | X | X | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | X | X | X | X | X | X | | | X | X | | X | X | | X | X | X | X |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | X | | | | | | | | | | | | |
| | | X | | | | X | | X | | | | | | | | X | X | | |
| | X | X | X | X | X | X | X | X | | X | X | | X | X | | | | | |
| | X | | | | | | | | | X | X | | X | X | | | | | |
| | X | X | X | X | X | X | X | X | | X | X | | X | X | | X | X | | |
| | X | | | | | | | | | X | X | | X | X | | X | X | X | X |
| | | X | X | X | | | X | X | | X | X | | X | X | | X | X | | |
| | | | | | X | | | | | | | | | | | | | X | X |
| | X | X | X | X | X | X | X | X | | X | X | | X | X | | | | | |
| | | X | X | X | X | X | X | | | X | X | | X | X | | X | X | X | X |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | X | | | | | | | | | X | X | | X | X | | X | X | X | X |
| | | | | | | | | | | X | X | | X | X | | X | X | X | X |
| | | X | X | X | X | X | X | X | | X | X | | X | X | | X | X | X | X |
| | X | | | | | | | | | | X | | | X | | | X | | X |
| | | X | X | X | X | X | X | X | | X | X | | X | X | | X | X | X | X |
| | | X | X | X | X | X | | X | | X | X | | X | X | | X | X | X | X |

BORA product features

Overview and term definitions

100% tight without additional taping

The specially developed BORA Ecotube sealing concept eliminates the time-consuming, cumbersome taping of the duct system. The ducting sections are simply put together after applying the seals.

2-flame gas cooktop

The gas cooktop consists of two cooking zones with different burner power levels.

2-ring switching

A second, larger heating ring can be optionally and easily connected.

3-ring switching

A second or third larger heating ring can be optionally and easily connected.

9 power levels

The system has 9 regular power levels.

Accurate temperature control

Instead of specific power levels, on the Tepan stainless steel grill the desired surface temperature can be set to the precise degree. In other words, the necessary power is automatically adjusted. After reaching the target setting the temperature is constantly adjusted in the event of any changes to external conditions (e.g. when cold meat is placed on the grill) and is kept constant.

Accurate temperature display

The current temperature of the Tepan is always accurately displayed down to the last degree.

Additional fan module

It is possible to install it as an additional fan module in all systems with a Home Out interface in order to implement complicated, long exhaust channels.

Allows easy directional adjustments

The 15° bend is the ideal component if slight directional corrections are necessary when installing the duct system.

Automatic after-run

The cooktop extractor continues to run at a low level and switches off automatically after a defined time.

automatic bridging function

If a large enough cooking pot or roaster is placed on the two cooking zones that are one behind the other, they will automatically be combined to form one large cooking zone. It is not necessary to activate the bridging function manually.

Automatic cover flap

When switched off, the extraction system is fully closed. When the extractor is activated, the cover flap opens automatically. The integrated safety sensor prevents anything from becoming trapped when the flap is closed automatically.

Automatic extractor control

The extractor power level automatically adjusts itself according to current cooking conditions. There's no need for constant manual adjustment, which means you can focus fully on your cooking.

automatic heat up function

When the automatic heat up function is activated, the cooking zone works for a certain length of time at full power and is then automatically restored to the continuous cooking level set.

Automatic reignition

The gas burners are equipped with safety thermocouples. These thermocouples monitor the burner flame when the gas supply is active. If the burner flame accidentally goes out, it is automatically reignited by the device. If reignition fails, the gas supply is automatically cut off.

bridging function

With the bridging function, two cooking zones can be simply combined to make one large cooking zone. The power for the combined zone is regulated by a control element.

childproofing feature

The child safety lock prevents the cooktop from being switched on unintentionally or without permission.

Cleaning function

The cleaning function constantly adjusts the Tepan stainless steel grill to achieve an optimum cleaning temperature of 70°C.

Cleaning lock

When activated, the controls are locked for 10 seconds so that the surface can be cleaned. The remaining time can be seen counting down in the timer window. All device settings remain unchanged in the meantime.

Combination of activated charcoal filter cartridges and upstream fine filter

The pre-separation of microparticles in the fine filter and the generously dimensioned special activated charcoal filling of the downstream filter cartridges ensure a long service life with maximum odour filter efficiency.

Compact geometry

Thanks to the compact spiral geometry and low height, the fan fits in almost every kitchen.

Compact size

Thanks to the compact dimensions and a cooktop depth of 515 mm, the system is suitable for standard kitchen units (60 cm from the front edge) as supplied by all current manufacturers.

Complete BORA system

BORA offers a complete system with perfectly coordinated components from a single source (cooktop extractor, cooktop, fans, filters, duct and wall sleeve).

Connectivity for small electrical kitchen appliances

The BORA sockets can be freely placed on the kitchen front and provide a direct connection on the cooktop for small electrical kitchen appliances such as hand blenders.

Cooking zone timers

The automatic cut-off automatically switches off the selected cooking zone after a preset time.

Demo mode

The appliance can be set to demo mode via the settings menu, which provides all operating functions, however, the heating function of the cooktops is deactivated.

Designed for optimum cleaning

Thanks to the all-stainless steel design of the Tepan grill and its rounded inner corners, the grill area can be cleaned quickly and easily without using chemicals.

direct function selection

All main functions can be directly selected using a touch control.

Dishwasher-safe pan supports

The pan supports can be easily removed and cleaned in the dishwasher.

Easy installation

All BORA cooktop extractor systems are optimised to make assembly as easy, quick and fail-safe as possible.

Easy to customise

The settings menu enables basic appliance settings to be adjusted at any time.

effective odour removal

Fresh, odourless ambient air in the whole kitchen: The air cleaning boxes and integrated filter solutions effectively remove unpleasant odours in recirculation mode – and for a long time.

Energy-saving fan with EC technology

The latest fans with EC motor technology guarantee maximum energy efficiency and quiet running even at maximum power.

Especially suited for installation in the floor structure

The shallow duct with a bar has been specially developed for installation in the floor structure and provides additional stability against pressure and impacts.

eSwap

In recirculation mode odours are neutralised by a highly efficient activated charcoal filter. To make life easier, the filter is changed from the top through the air inlet aperture – without having to remove drawers or plinth panels.

Extraction power level

When the power level is activated, the maximum extraction power is available for a predefined time.

Flexible surface induction

Cooking pots can be freely positioned on the induction surfaces. Round or square (roasters), large or small – cooking is always heated all over and consistently within the induction area.

Free choice of cooktop

All BORA cooktop extractor systems are available not only in the form of induction hobs but also electric hobs with conventional radiant heat.

Full flexibility in the exhaust ducting

The extensive range of BORA Ecotube ducting elements enables planning freedom and easy implementation of the exhaust ducting.

Gas safety function

The gas burners are equipped with a safety thermocouple. This thermocouple monitors the burner flame when the gas supply is active. If the burner flame goes out unintentionally, the appliance cuts off the gas supply.

Genuine stainless steel grease filter

Compared to other frequently-used filter materials, such as aluminium, the stainless steel grease filter will not perish with ongoing cleaning in the dishwasher, retaining its original appearance (no yellowing) and stability.

High-quality material

The high quality brushed stainless steel frame makes for a timeless and elegant finish to the cooktop.

Including required Ecotube seals

The special seals included in the scope of delivery of the Universal and Ecotube duct parts guarantee quick and easy installation and mean that it is not necessary to seal the parts with tape, which is laborious and time-consuming.

Increased resistance against breakage

Compared to other cooktops, with the wok cooktop strong glass ceramic is used, thus reducing the risk of breakage.

Individually shortenable

The Ecotube ducting sections are easily shortened to the desired length and thus offer maximum flexibility during installation.

Installation in thin walls

The installation dimension of 165 mm allows installation in thin walls.

Integrated 2 m connection cable

BORA sockets are equipped with a 2 m long power cable to ensure simple, fast installation.

Integrated childproofing feature

The BORA socket with integrated contact protection provides more safety from electric shocks for children.

Integrated fan

The cooktop extractor is also available as a compact system with an integrated fan and silencer.

Integrated grease drip pan

If anything is spilt during cooking, the integrated drip tray safely catches both solids and liquids.

Integrated water drainage to the outside

Condensed water, rainwater and other liquids are conducted directly and effectively to the outside

Intelligent control knob

Classic, tried-and-tested control via a control knob on the front has been supplemented by a digital display with a touch-control surface. The modern cooktop and extractor control functions are always accessed via the central control knob.

Intuitive sControl control

The unique vertical slider makes operation via the intuitive up and downwards movement of your finger or direct tapping with the fingertip even easier. All of the important functions are at your fingertips in a flash.

Intuitive sControl+ control

The unique operating panel is simpler than ever: it works intuitively with a swipe of your index finger up or down in the smooth hollow or a tap with your fingertip. All important functions can be accessed with a single touch.

Large extractor opening

The large extractor opening gives you plenty of room for cleaning (even with larger hands).

Large overflow tray

The large drip pan beneath the appliance can hold up to 2 litres of liquid with no risk of damaging the device. The drip pan can be easily removed from underneath without any need for specialised know-how.

Low pressure resistance during operation

The fully-opening cover flaps and flow-optimized design ensure minimal pressure loss and maximum extraction performance.

matching accessories

Whether sockets, woks or cooktop frames – the comprehensive range is perfectly suited to the cooktop extractor system in both function and design.

Material class B1

BORA Ecotube meets the highest safety standards.

Maximum energy efficiency

By using the latest fans and EC motor technology, we achieve the highest energy-efficiency class A++.

Maximum storage space

Thanks to the shallow installation height of the device, which fits in with the standard dimensions offered by all current kitchen manufacturers, and the fans integrated in the plinth, in the basement or outdoors, there is maximum room for drawers in the cupboard beneath.

Minimalistic design

The extractor and cooktop can be installed flush with the worktop. The extractor has an extremely minimalistic design and the controls are honed down to the essentials (simple extraction power setting).

Minimum volume

Always extremely quiet – even on high power levels: this is due to optimum airflow and the use of an extremely quiet fan in the kitchen plinth area. So it won't distract you from your cooking and your conversations won't be disturbed.

BORA product features

Overview and term definitions

Modular system

The extractor system can be freely combined with up to 8 different cooktops from surface induction to gas or Tepan. Multiple combinations with, for example, 3 cooktops and 2 extractors are also possible.

Multi-layer material with special alloy

The multi-layer material with special alloy allows a uniform temperature distribution up to the edge and ensures a unique cooking result.

Operation via control knobs

Easy, intuitive control by turning the control knob.

Optimal extraction performance with the lowest possible noise level

Flow optimization and an up to 20% lower pressure loss compared to conventional exhaust air duct systems optimize the system's extraction performance and noise reduction. This way, even longer, more complicated exhaust channels can be implemented without having to install an additional fan.

Optimised opening pressure

The optimized opening pressure of the cover flaps prevents exhaust air accumulation in all operating conditions and ensures trouble-free operation.

Original SCHOTT CERAN® glass ceramic

Original SCHOTT CERAN® glass ceramic is resistant, durable, easy to clean, resistant to high temperatures, mainly made from natural raw materials, produced without toxic heavy metals (arsenic, antimony, etc.) and environmentally friendly from production through to recycling.

Outstanding insulation value

The 3 chamber principle with insulated cover flaps reduces heat losses to a minimum. Thus, the wall sleeve is perfectly suited for installation in passive houses as well as low and nearly zero-energy buildings.

Oversized 4 24 cooking surface

Controls that don't get in the way and perfectly-sized and arranged cooking zones mean that there is room for 2 large pots (up to 24 cm) to be placed one behind the other.

Oversized roaster

The oversized roaster heating ring lies between both cooking zones and can be connected as required enabling full-surface, even heating of an oversized roaster area measuring 180 x 410 mm.

Oversized surface induction cooking zones

Particularly large surface induction cooking zones measuring 230 x 230 mm or 230 x 460 mm when the bridging function is activated.

own duct system

BORA offers a tailor-made air duct system of our own design. The advantage: BORA Ecotube is always installed quickly, easily and securely – regardless of where it is placed. The reason: A special sealing concept. Without the need for cumbersome glueing.

pan size recognition

The cooking zone automatically detects the size of the cookware and directs the energy at that particular area. It also detects when there is no cookware or if cookware is unsuitable or too small and activates a corresponding indicator on the controls.

Pause function

With the pause function, all cooking zones can be quickly and easily deactivated temporarily. When the function is cancelled, the previous settings are restored.

Performance level display on the cooktop

Everything always clearly in sight: The chosen performance level or operating function is in addition to the control knob also directly shown on the cooktop.

Plaster cover

The plaster cover included in the scope of delivery protects the wall sleeve from weather conditions, dirt and damage during installation and can be easily removed after the façade is completed.

Polished glass ceramic edge

The rounded C-shaped finish of the glass edge reduces the risk of breakage in the case of surface mounting.

Polished inner walls and oval cross section

Polished inner walls and a flow-optimized oval cross section ensure minimal pressure loss and maximum extraction performance.

Power management

The total device power can be reduced via the service menu if the electrical power required cannot be provided at the installation site. The power restrictions automatically adopted by the device in each cooking zone are determined by the total power settings.

Protection of glass ceramics

Serves as framing for BORA Pure and Basic cooktops when surface mounted and protects the edges of the cooktop from side impact, e.g. from pots and pans.

Purely mechanical operation

The simple, purely mechanical operation insusceptible to faults makes additional cable routing and power supply of the wall sleeve superfluous.

Rapid heating

Thanks to the use of the latest full-surface micanite heating element and the high heating power, the heating time is significantly reduced and the heat is more evenly distributed over the whole grill area.

Reduced installation effort

Easy installation in walls through standard core bore hole with a 180 mm diameter.

residual heat display

The residual heat display detects when the cooking zone is still hot after switching off and if there is a risk of burning or fire when heat-sensitive objects are placed on it. The indicator goes out after the sufficient cooling time (temperature < 60°C).

Resistant to driving rain

Even with direct driving rain no moisture can enter into the building from the outside.

Roaster switching

A flat roaster heating ring can be easily connected.

Safety-related component

Thanks to the safety guard, BORA offers end customers total safety when a wall sleeve is installed in the immediate vicinity (duct distance <= 900 mm) of a fan motor.

Semi-flush installation

The frame allows virtually flush installation in worktops of any material.

Service life approx. 200 h/1 year

Always provides the user with 100% fresh air while cooking if filter change intervals are complied with.

Service life approx. 400 h/2 years

Always provides the user with 100% fresh air while cooking if filter change intervals are complied with.

Shortenable sleeve design

The wall sleeve can be shortened by 20 mm and facilitates the connection of the BORA Ecotube round duct.

Simple cleaning

All parts that come into contact with cooking vapours can be easily removed through the accessible, wide inlet opening. They can then be cleaned in the dishwasher, where they take up very little space.

Simple installation

The cooktop frame is simply fixed with adhesive tape on all sides.

Simple ordering

Enables quick and easy ordering of all necessary duct components including silencers from extraction system to kitchen plinth.

Simplified installation

The removable inlet nozzle allows uncomplicated, quick installation at low plinth heights of 100 mm and above.

Sound and vibration insulation

Rubberised device feet separate the plinth fan from the ground, minimizing sound and vibration and ensuring silent operation.

Stainless steel grill area with two cooking zones

Large, full-surface stainless steel grill with two cooking zones that can be controlled separately (front/back).

Sunken gas burners

The unique gas cooktop design with sunken burners enables optimum operation with one cooktop extractor.

Super fast parboiling

The hyper cooking zone has a radiant heating element providing up to 50% more power.

Surface mounting with cooktop frame

Thanks to a separate range of accessories, a surrounding cooktop frame can be added to the classic surface mounting.

Timer

After a time set by the user, the timer triggers a visual and acoustic signal.

Top-quality design

Unique, trendsetting design of each product range with a high recognition value. BORA creates original products that have won numerous international design awards and have been widely imitated.

Uniform cover drill diameter

Simple, fast installation with a uniform cover drill diameter of 50 mm for all BORA Professional control knobs and universal sockets.

UV resistant materials

Thanks to the UV resistance of the materials used, the high-quality appearance is retained over many years.

Variable heat retention function

3 heat retention levels with constant temperature control at 42, 74 or 94°C.

Variable installation options

Adaptable to almost any kitchen design thanks to optional horizontal installation in the plinth area, in the floor structure or suspended from the basement ceiling.

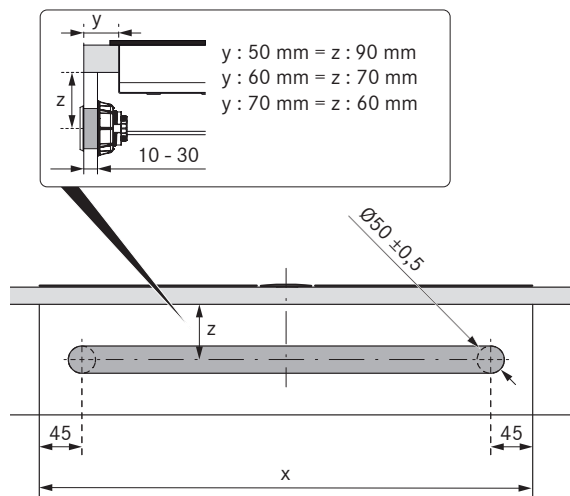
warming function

Heat retention level with constant temperature control at approx. 75°C.

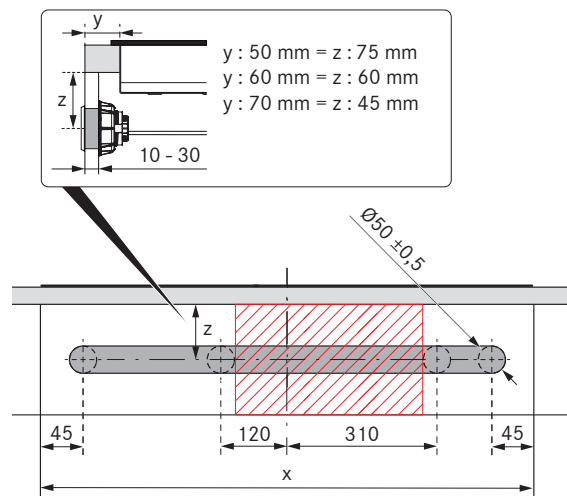
Socket positioning

Installation instructions for BORA sockets

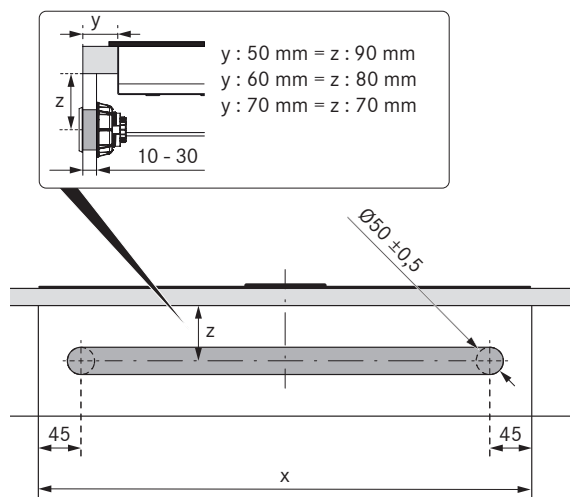
Classic 2.0



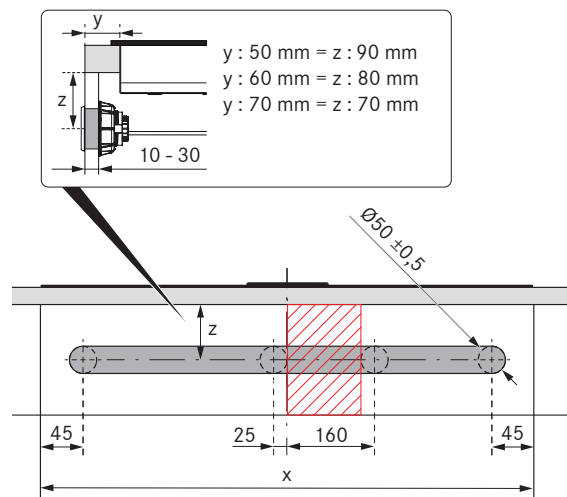
X Pure / Pure



BFIA / BFIU



BHA / BHU



Important planning instruction:

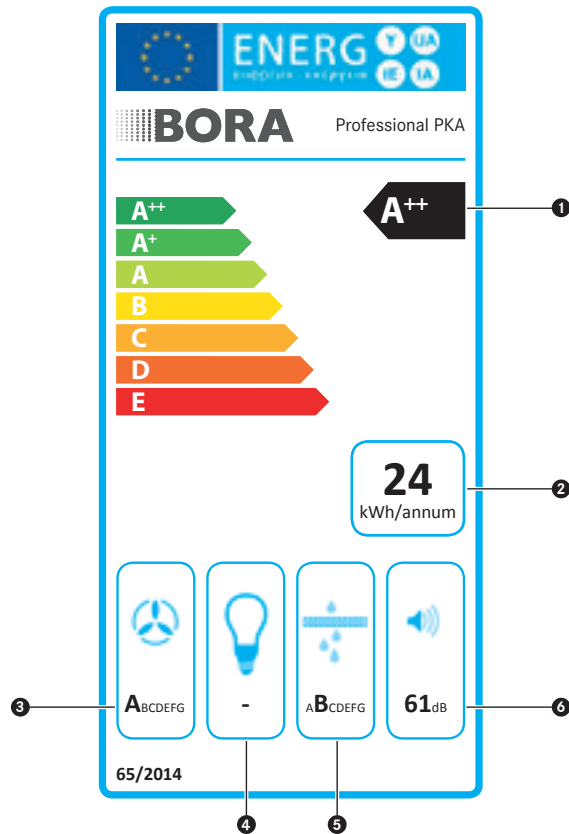
- When using an engagement strip additionally ensure sufficient clearance for mounting the fixing screw.

Energy consumption label

Explanation of the energy consumption label

Information on the energy consumption label

Using the example of the BORA Pro PKA cooktop extractor



1 Energy efficiency class

The energy efficiency index is calculated on the basis of the standard energy consumption and the annual energy consumption for an average operating time of 60 minutes per day.

2 Annual energy consumption

Specified in kWh/a based on an operating time of 60 minutes per day.

3 Fluid dynamic efficiency (maximum power level incl. power setting)

Information on flow engineering properties (pressure/volume flow) based on electrical performance.

4 Luminous efficiency

Not applicable.

5 Grease filtering level (highest power level/normal use)

The grease filtering level is the ratio between the grease particles caught in the grease filter and removable parts and the total grease particles extracted by the cooktop extractor.

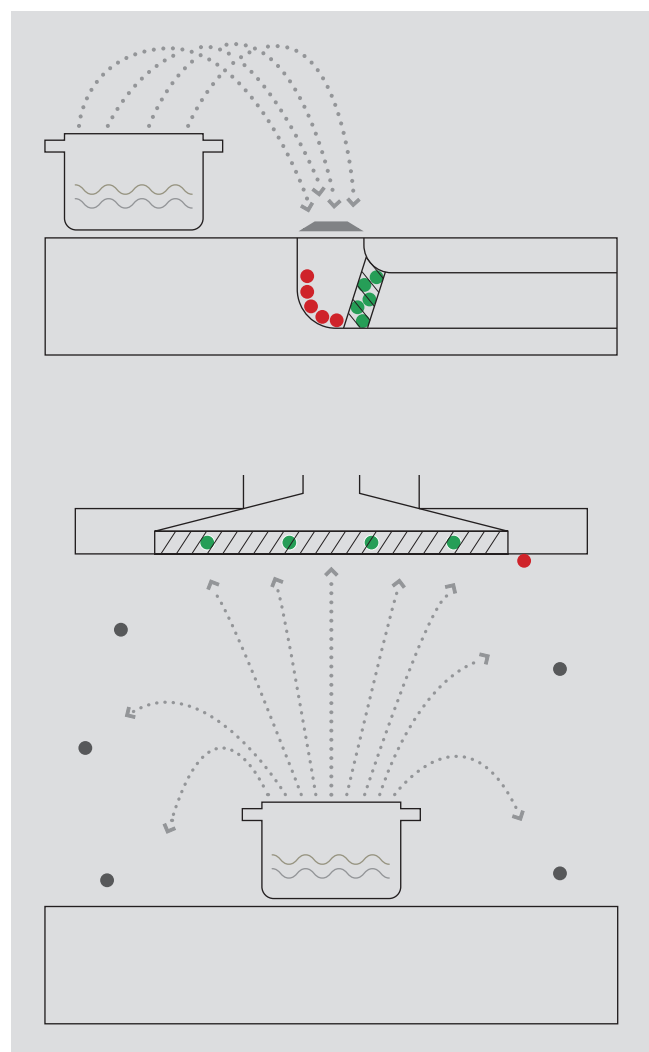
6 Noise level (highest power level/normal use)

Specified as the sound power level in dB(A) as this is independent of space and distance. The sound pressure level specified in dB(A) is independent of space and distance.

The labelling obligation only applies to exhaust air devices.

Grease filtering level

Grease filtering level acc. to the DIN/EN standard for energy labels



- Water
- Oil/grease
- Grease intercepted by the grease filter
- Grease settled in front of the grease filter
- Grease that is not trapped
(not considered when calculating the grease filtering level)

Test procedure

- The grease filtering level refers to the amount of grease particles that are trapped by the grease filter and other removable and washable components. This amount is compared to the total amount of particles suctioned in by the cooktop extractor/extractor hood. For BORA products, the level is 95% – some extractor hoods only achieve half this amount.
- This level does not consider the amount of grease particles not trapped by extractor hoods at all. The discrepancy therefore arises between a high capture rate and the grease filtering level – which results from the fact that the test procedure was developed for extractor hoods.
- The grease that settles in front of the filter in BORA Professional and BORA Classic appliances is easily removed with a cloth. However, this is of no relevance in relation to the standard as only removable components are rated.
- When using BORA products on an everyday basis, this means that air, hair, clothes and surfaces remain clean.
- Incidentally, BORA Basic complies with standards thanks to the removable housing base and also achieves a high grease filtering level according to standards.

BORA grease filtering level

$$= \frac{\text{5 green dots}}{\text{5 green dots} + \text{5 red dots}} \%$$

Grease filtering level of a conventional extractor hood

$$= \frac{\text{4 green dots}}{\text{4 green dots} + \text{1 red dot}} \%$$

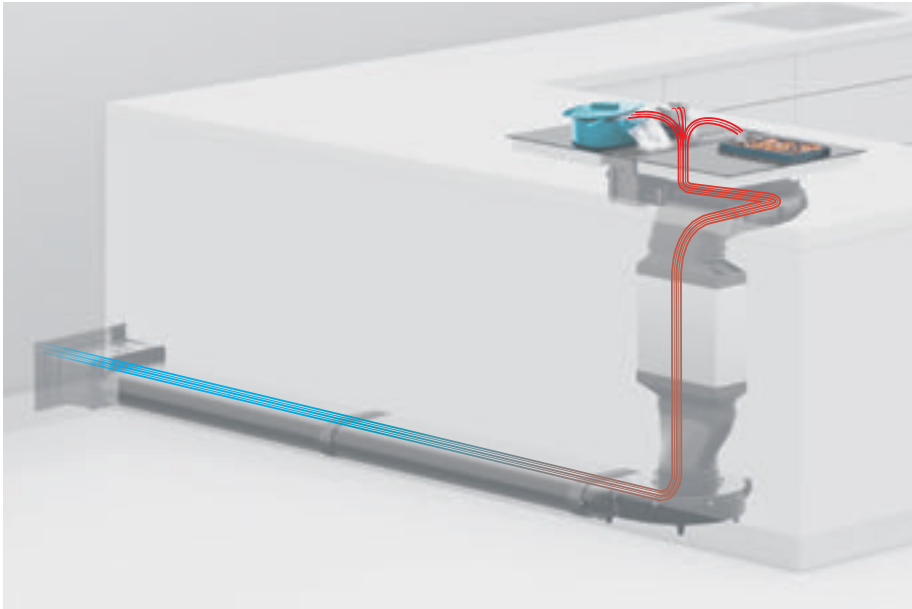
Thanks to sophisticated extraction equipment and the latest filter technology, BORA offers far more comfort and convenience when cooking. The stainless steel grease filters used are compact, simple to remove and easy to clean in a dishwasher.

Exhaust system

Suitable for all BORA cooktop extractor systems

The advantage of exhaust air

With the BORA exhaust system, the fan channels cooking vapours straight outside through the BORA Ecotube duct system and the BORA 3box wall sleeve. This removes all vapours and odours from the cooking area. As, unlike conventional extractor hoods, all BORA systems use intelligent flow technology rather than a high flow volume, less warm inside air is expelled from the house, thereby saving energy.



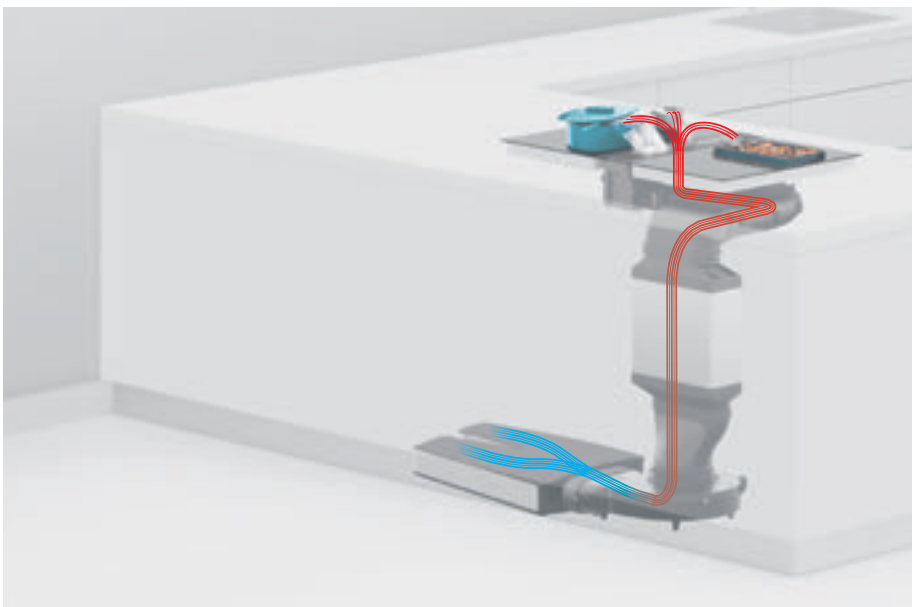
Exhaust air installation example: Classic 2.0 – CKA2
(same principle for all BORA systems)

Recirculation system

Suitable for all BORA cooktop extractor systems

The advantage of recirculation

The BORA recirculation system is the alternative solution to exhaust-air variants. The fan directs the cooking vapours into the specially developed ULBF, ULB3, PUAKF or BAKFS recirculation filters, which effectively eliminate odours from the kitchen exhaust air. As such, the BORA recirculation systems keep the air in kitchens fresh. As the recirculation systems keep the warm air in the house, they are ideal for passive houses as well as low and nearly zero-energy buildings.



Recirculation installation example: Classic 2.0 – CKA2
(same principle for all BORA systems)

Cooking in recirculation mode

Humidity when cooking in recirculation mode

Putting the recirculation mode to the test

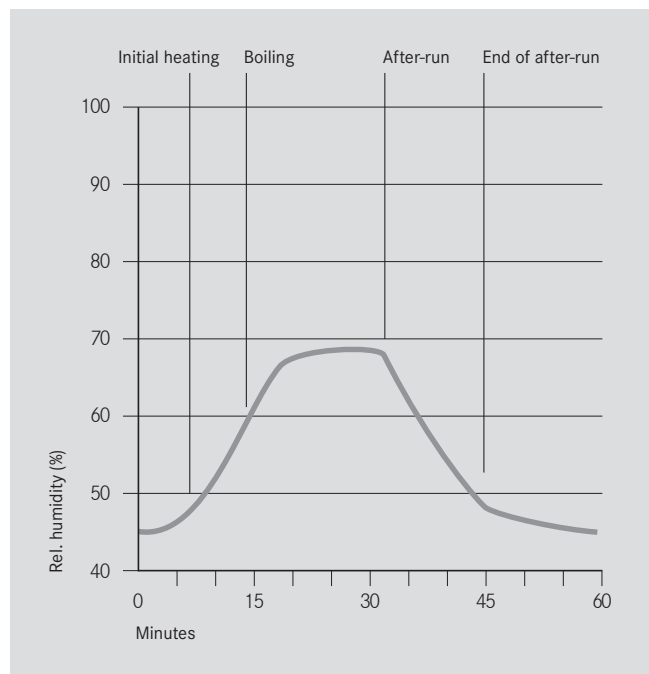
Extensive internal tests have proven that, subject to proper planning and installation, there is no relevant increase in humidity inside the adjacent kitchen units when operating BORA cooktop extractors in recirculation mode.

This means that there is no risk of normal cooking sessions causing moisture damage to kitchen units or even mould formation. If the indoor environment is kept within the limits of what feels comfortable, the critical level of 80 % rel. humidity for such damage will not be exceeded at any point.

BORA cooktop extractors and recirculation systems are optimally tailored to one another. The cooktop extractor has an automatic after-run function to ensure not only sufficient air exchange but also the optimum performance and service life of the recirculating filter.

Test

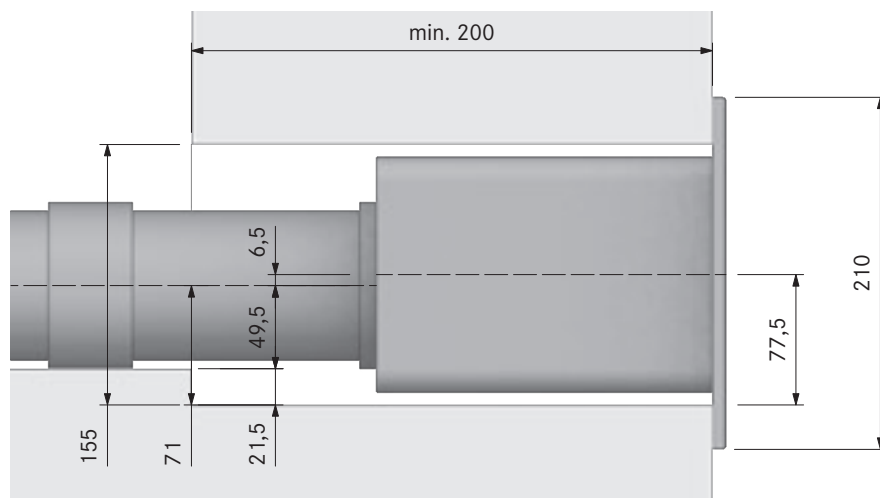
30 min intensive boiling of 1.8 l water



BORA 3box

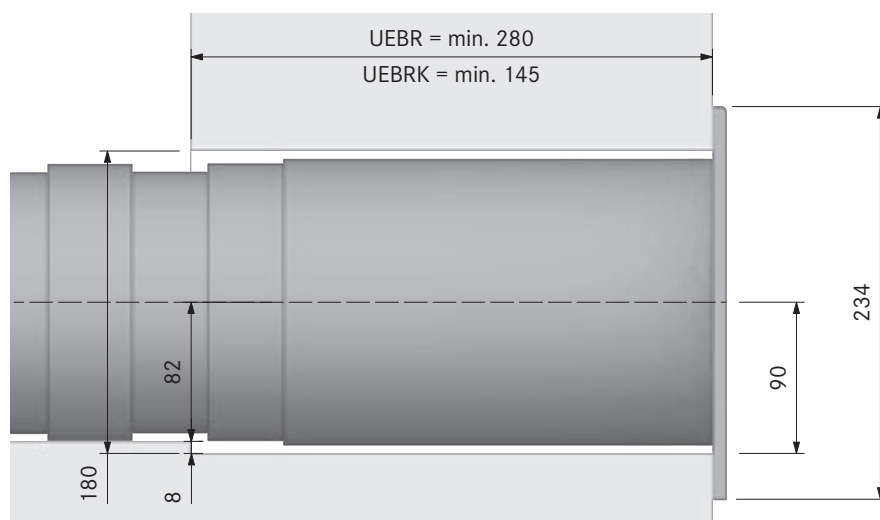
Wall sleeves

BORA 3box UEBF



Please note that the wall sleeve has a protrusion on the lower end.

BORA 3box UEBR / BORA 3box UEBRK



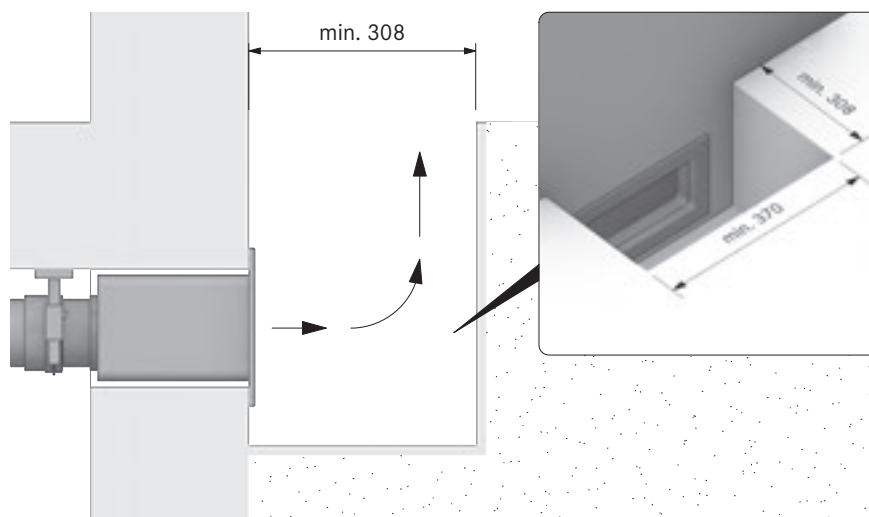
Please note that the wall sleeve has a protrusion on the lower end.

Exhaust air into a cellar shaft

In this example, the air is fed into a basement shaft. Sufficient clearance must also be ensured here (explained on the example of UEBF).

The dimensions of the shaft in which the sleeve is installed must be as follows:

- min. 300 mm clearance from the front panel of the wall sleeve to the shaft wall.
- The minimum width has to be 370 mm
- The shaft must be deeper than the lower edge of the wall sleeve



Advantages

- Holistic solution
- Unique sealing concept and easy installation
- Smooth surfaces for an improved extraction performance
- Up to 20% reduction in pressure loss
- Material class B1
- Oval cross-section for optimised flow

ER750/1



EF750/1



EFS750/1



ERB90



EFBH90



EFR90



EFBV90



EFRG



EFRV110



EFRV



ERV



EFV



EF47



EFBH15



ERD



EFD



ERMS

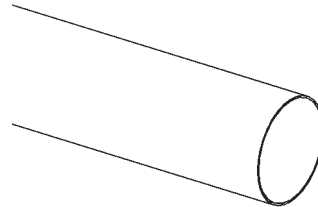


EFMS

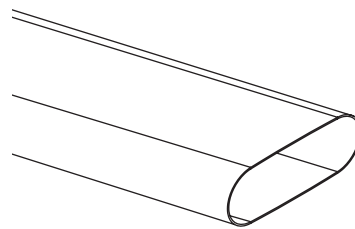


Pipe types

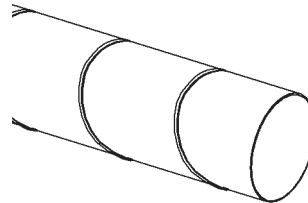
The BORA Ecotube cross-sections and shapes perfect the extraction behaviour and effectiveness of the BORA extraction systems. Please ensure that the minimum inner duct diameter of 150 mm ($= 176 \text{ cm}^2$) is adhered to.



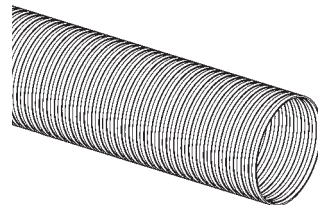
Round pipe:
Ecotube ER750/1



Shallow duct:
Ecotube ER750/1



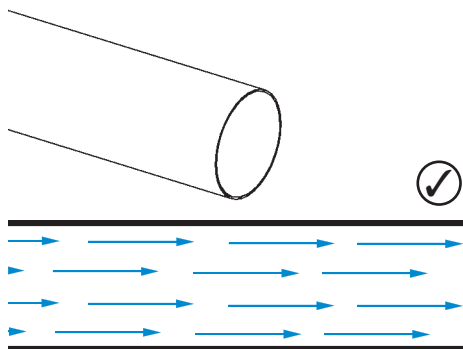
Spiral duct



Aluflex hose

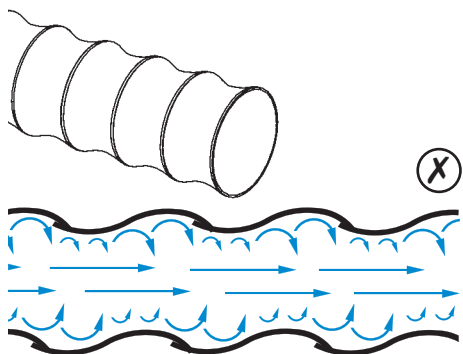
Optimum flow on pipe inner surfaces

The new BORA Ecotube improves the flow ratio with up to 20% less pressure loss compared to other duct systems on the market.



BORA Ecotube:

Optimum flow through smooth inner pipe surfaces

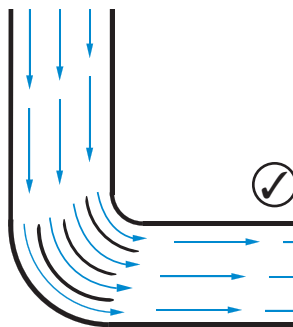


Conventional spiral hose:

Very poor flow as a result of an extremely uneven surface

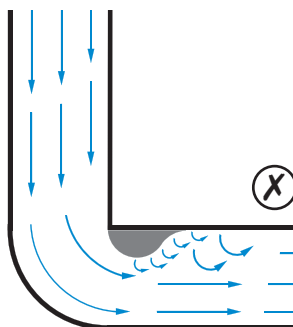
Bends

Pipes and bends must be tailored to one another. The BORA Ecotube pipe bends result in optimum draw-off performance thanks to specially integrated guide bodies and rounded corners. If you use a different duct system, please note our tips on flow behaviour in pipe bends.



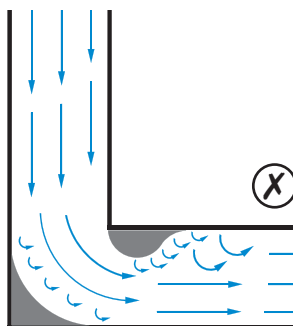
BORA Ecotube:

Optimum flow thanks to the integrated guide bodies and rounded corners in the pipe bends



Poor flow:

Air turbulence is created after the sharp inner corners.



Poor flow:

Air turbulence is created after the sharp corners.

Exhaust ducting

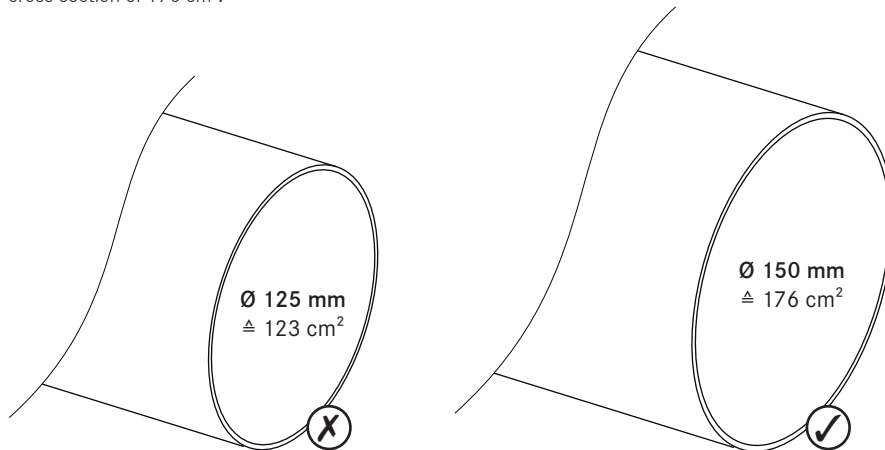
with the BORA Ecotube duct system

Basic rule for the maximum exhaust channel when using the BORA Ecotube duct system and 3box wall sleeves:

with an integrated fan or a Universal fan module, as a general rule up to 6 metres of ducting with six 90° bends, 8 metres with four 90° bends or 10 metres with two 90° bends can be installed. In the case of the Professional and Classic product lines, even longer and more complex exhaust channels are possible thanks to a second additional fan module.

Necessary minimum cross-section:

To expel the suctioned air quantities without major losses, each component must have a minimum cross-section of 176 cm².



Variable design options

The exhaust ducting can be installed in various ways. People usually choose to do this in the kitchen's plinth area, but it can also be integrated into the flooring under certain conditions.



Shallow duct on the floor covering



Shallow duct on the ceiling



Shallow duct in the balancing layer (acc. to DIN 18560-2)

A built-in balancing layer according to DIN 18560-2 must fully cover the 750 mm EFS750 BORA Ecotube shallow duct with partition.



Shallow duct partially in the balancing layer and the reinforced floor screed

If the 750 mm EFS750 BORA Ecotube shallow duct with partition is not covered, reinforcement is required in the floor screed.

- Floor covering
- Screed without reinforcement
- Screed with reinforcement
- Underfloor heating
- Footfall sound insulation
- Balancing layer
- Concrete ceiling
- Empty pipe for mains and control cables

Use with fireplaces

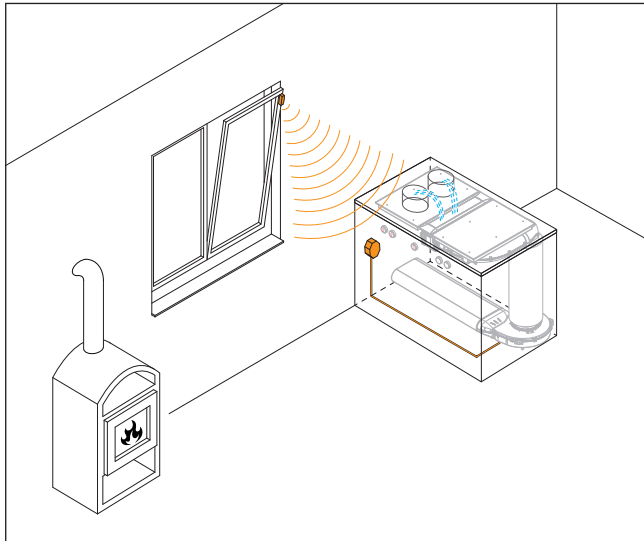
Simultaneous exhaust mode with fireplaces

Fireplaces that depend on the air in the room (e.g. gas, oil, wood or coal-fired heaters, continuous-flow water heaters, instantaneous water heaters) draw in air from the room in which they are installed and release the exhaust fumes into the outside air via an exhaust system (e.g. chimney).

If the cooktop extractor is used in exhaust mode, it draws in air from the room in which it is installed as well as from neighbouring rooms. If there is insufficient air supply, low pressure will occur. Toxic gases could be drawn out of the chimney or extraction ducting and back into the room.

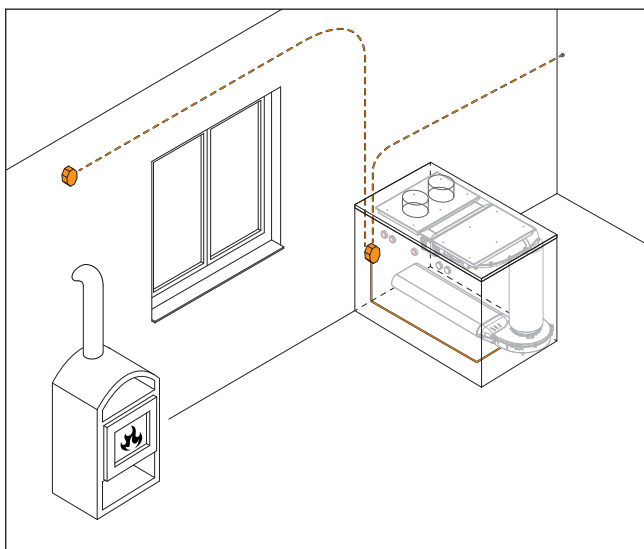
This applies both to fireplaces that depend on the air in the room and to those which don't.

The window contact switch or a low-pressure monitor ensure that the cooktop extractor can be operated only when the supply of fresh air is sufficient.



Window contact switch*

The UFKS BORA window contact switch ensures a sufficient supply of fresh air in the kitchen for the use of a vapour extraction system in immediate vicinity of a fireplace that depends on the air in the room. A sensor in the window casement monitors if the window is open or closed and sends this information via radio technology to the receiver connected to the Home-In interface of the respective BORA cooktop extractor. This ensures that the installed cooktop extraction system can only be used when the window is open. This also averts the danger of a decrease in pressure in the room. The BORA window contact switch is suitable for BORA Professional, BORA Classic 2.0, BORA X Pure, BORA Pure and BORA Basic. The connection must be conducted by electrical personnel.



Low-pressure monitor*

A low-pressure monitor monitors the pressure difference between a room with a fireplace that depends on the air in the room and the outside pressure. The device compares the air pressure conditions and switches off the vapour extraction system if necessary when the allowed pressure difference is exceeded. When selecting the low-pressure monitor, please ensure that the product has the necessary permissions. Low-pressure monitors are suitable for BORA Professional, BORA Classic 2.0, BORA X Pure, BORA Pure and BORA Basic. The connection must be conducted by electrical personnel.

* Please note: a local heating engineer must give an expert opinion on whether it is permissible to simultaneously operate a flue/fireplace that is dependent on room air and a vapour extraction system and approve this use. Kitchen exhaust vapours must not be fed into a flue duct or chimney. If a flue duct or chimney is no longer in operation, you must obtain the approval of a local heating engineer before using this for kitchen exhaust vapours.

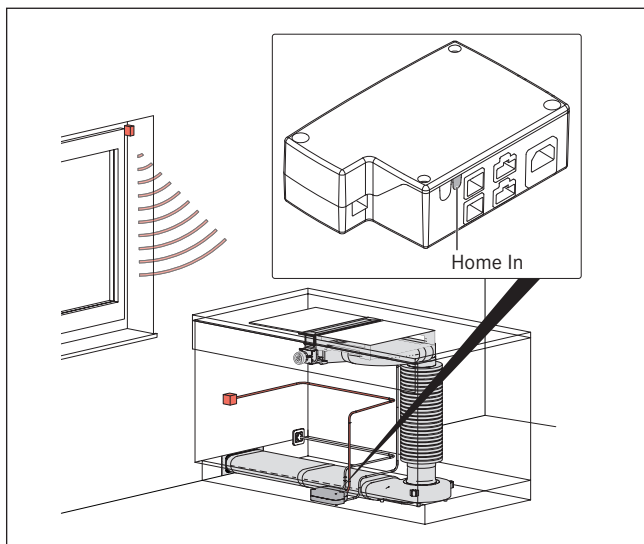
External switch contacts

Interface for external devices: Home In | Home Out

Home In | Home Out

The BORA cooktop extractors PKA/PKAS, CKA2 and BORA Basic with surface induction cooktops BFIA/BFIU are equipped with default interfaces for external devices. These Home In/Home Out interfaces make it possible to simply and conveniently connect external safety devices and systems without additional effort. Multiple kitchen and exhaust air technologies can therefore be easily controlled.

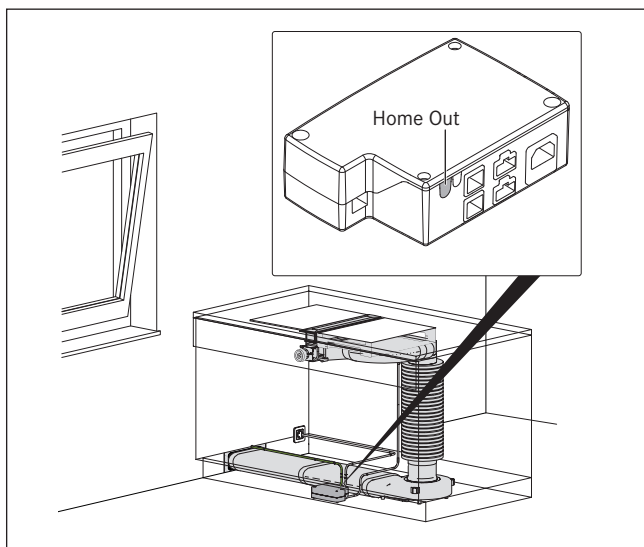
With the optional accessory module PUHIM (BORA Pure Home In module), the BORA X Pure/BORA Pure cooktop extractor system can be upgraded with an interface for external devices. For BORA Basic System BHA, the extractor controllers can be connected externally.



Home In interface on the example of PKA

Home In

The 'Home In' contact can be used for external safety devices, e.g. window contact switches or low-pressure monitors. These switch off the cooktop extractor if the window is closed or negative pressure is detected in the room. The cooktop extractor only works if the contact is closed. This ensures safety at all times – even if no-one is in the room.



Home Out interface on the example of PKA

Home Out

The 'Home Out' contact is the interface that can be used to switch external devices on and off at the same time as the cooktop extractor. These can include, e.g. electrically opening wall sleeves. The potential-free contact can be used extremely flexibly as a switch for the broadest range of devices and systems. This makes it easy to meet individual customer requirements.

Assembly information

Safety clearances



- ❶ Minimum clearance of 300 mm from the left and right of the worktop cut-out to the adjacent kitchen unit or wall.
- ❷ Minimum clearance of 50 mm at the back from of the worktop cut-out to the rear edge of the worktop (70 mm for PKC32, PKC3B and PKCH2 Professional cooktops installed rotated by 180°).
- ❸ Minimum clearance of 600 mm between the worktop and the wall unit (650 mm for gas cooktops).



List of abbreviations

| | |
|---------|----------------------------------|
| A | Ampere |
| °C | Degrees Celsius |
| cm | Centimetre |
| dB | Sound pressure level |
| Ø | Diameter |
| h | Hour |
| Hz | Hertz |
| kg | Kilogramme |
| kW | Kilowatt |
| L | Phase |
| L´ | Switched phase |
| max. | Maximum |
| min. | Minimum |
| m | Metre |
| mbar | Millibar |
| mm | Millimetre |
| N | Neutral conductor |
| Pa | Pascal |
| PE | Protective conductor |
| R | Radius |
| s | Second |
| pcs. | Pieces |
| U value | Thermal transmission coefficient |
| V | Volt |
| V0 | Fire protection class |
| W | Watt |

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(D)

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