

Ventilation handbook

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BORA UNIVERSALARTIKEL

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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.

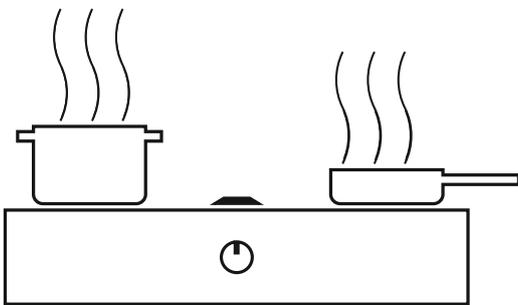
We created this ventilation handbook to meet the high demands of both you and our customers. It is aimed at all designers and installers of high-end kitchen solutions who offer their customers uncompromising quality and exceptional aesthetics. The pages that follow answer all kinds of questions in relation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

Willi Bruckbauer

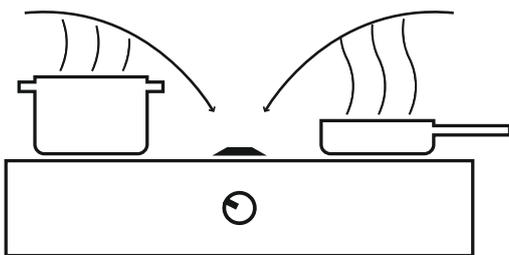
The BORA principle: or, physics can be so ingenious.

Instead of letting cooking vapours and odours rise in the first place, we extract them where they are created, directly drawing them away at the cooktop and from the pot, roaster or pan. We don't do this by magic, but by applying the basic principles of fluid mechanics. We simply use a cross flow which is greater than the speed at which the cooking vapours rise.

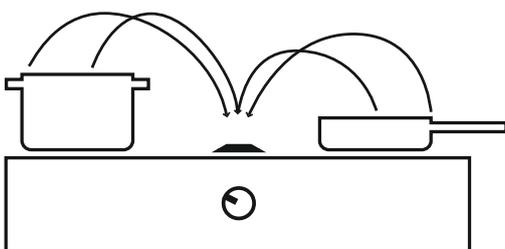
As a result, people can now enjoy kitchens in a whole new light: without annoying extractor hoods or loud noises right by their ears – and with a whole new level of freedom for kitchen design.



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



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



The higher cross flow suctions 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



Good Design Award – Chicago Athenaeum 2017–2018

The Good Design Award received by the BORA Professional 2.0 system is regarded as one of the most tradition-steeped design awards. It is presented by the Chicago Athenaeum Museum of Architecture and Design, which receives 3,000 applications per year.



German Design Award 2018

In 2018, BORA also joined the exclusive circle of premium winners of the German Design Award. A prestigious panel of judges reviewed over 5,000 entries and selected the BORA Professional system as winner of the Gold Award.



German Design Award 2016

The German Design Awards are the highest accolade from the German Design Council. They represent outstanding achievements in the field of international product and communication design. The competition enjoys an outstanding global reputation, both within professional circles and far beyond.



Plus X Award – Best Design Brand

BORA's receipt of the title 'Best Design Brand 2017' is a particularly valuable seal of approval. It recognises brands whose products have received the highest number of seals of approval in the 'Design' category within a year and provides confirmation of constantly leading product design.



Plus X Award

The Plus X Award is presented to innovative and future-oriented products. BORA Basic (2013), BORA Basic with surface induction (2015/16) and the new BORA Professional (2017) have all won awards in the 'Innovation', 'High Quality', 'Design', 'Ease of Use' and 'Functionality' categories. Before they were even readily available on the market, all three products also received an additional award: the 'Best Product of the Year'.



Iconic Award

Auszeichnungswürdig: Unsere Produkte BORA Professional „Iconic Awards 2016: Interior Innovation – Best of Best“ und BORA Classic 2.0 „Iconic Awards 2019: Innovative Interior – Winner“ wurden von der Expertenjury des German Design Councils prämiert.



reddot design award
winner 2012

Red Dot Product Design Award

BORA Classic received the highest Red Dot Design Award accolade in the 'Product Design' category back in 2012.



reddot award 2017
best of the best

Red Dot Product Design Award Best of the Best

The Red Dot Award is an internationally recognised quality seal. In the 'Product Design' category, awards are presented for efficient technology, outstanding innovation and attractive design. BORA Professional 2.0 scooped the extra-special 'Best of the Best' award.



Good Design Award 2017 – Australia

The Good Design Award is Australia's longest-standing industrial design award. BORA won this for its BORA Basic in 2014 and for its entire product range in 2017.



Deutscher Gründerpreis (German Entrepreneurs' Award)

The German Entrepreneurs' Award is one of the key awards for German entrepreneurs. BORA won the trophy in the 'Start-up' category in 2010.



Deutschland Land der Ideen (Germany Land of Ideas)

In 2009, BORA's site in Raubling was one of the 365 places that represented Germany as the 'Land of Ideas'.

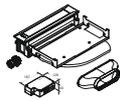


German Brand Award

We are extremely proud that BORA was earmarked by a panel of experts from the German Design Council for an award in the 'Kitchens' category of the German Brand Award 2016 for its successful brand management.

BORA system configurator

Compatibility overview

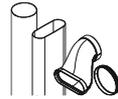


Product line	Cooktop-extractor	Cooktops	Sockets
BORA Professional 	PKA (flexible system)	PKFI11 PKC3B PKI11 PKCH2 PKIW1 PKG11 PKC32 PKT11	USTF USTE USTJ USTG USTL (optional)
	PKAS (Compact system with integrated fan)	PKFI11 PKC3B PKI11 PKCH2 PKIW1 PKG11 PKC32 PKT11	USTF USTE USTJ USTG USTL (optional)
BORA Classic 2.0 	CKA2 (flexible system)	CKFI CKCB CKI CKIW CKT CKCH	USTF USTE USTJ USTG USTL (optional)
	CKASE (flexible system)	CFI11 CCH1 CI11 CG11 CIW1 CT1	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 BIA BHA	USTF USTE USTJ USTG USTL (optional)
	Recirculation 	BFIU BIU BHU	USTF USTE USTJ USTG USTL (optional)
BORA Pure 	Exhaust air (BORA Ecotube connection integrated)	PURA	USTF USTE USTJ USTG USTL (optional)
	Recirculation 	PURU	USTF USTE USTJ USTG USTL (optional)

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



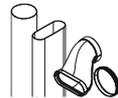
Fans		Additional duct fan		Silencers		Duct system		Airflow		
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ULS	ULZ	ULIE (optional)	USDF USDR50 USDR100 PESDF/PESDR	BORA Ecotube	Exhaust air	Wall sleeve	UEBR	UEBRK	UEBF
ULA	ULF					Air cleaning box			
ULI						ULB1	ULB3		

ULZ	ULA	ULIE (optional)	BORA Ecotube	Exhaust air	Wall sleeve	UEBR	UEBRK	UEBF
ULF	ULI				Air cleaning box			
(optional)					ULB1	ULB3		

ULS	ULZ	ULIE (optional)	USDF USDR50 USDR100 CESDF/CESDR	BORA Ecotube	Exhaust air	Wall sleeve	UEBR	UEBRK	UEBF
ULA	ULF					Air cleaning box			
ULI						ULB1	ULB3		

ULZ	ULA	ULIE (optional)	(integrated)	BORA Ecotube	Exhaust air	Wall sleeve	UEBR	UEBRK	UEBF
ULF	ULI					Air cleaning box			
(optional)						ULB1	ULB3		



Fans		Additional duct fan		Duct system		Air flow		
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(integrated)		ULIE (optional for BFIA)		BORA Ecotube	Exhaust air	Wall sleeve	UEBR	UEBRK	UEBF
						Recirculation	Air cleaning box		
							ULB1	ULB3	

(integrated)									(Filter integrated)
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(integrated)				BORA Ecotube		Wall sleeve	UEBR	UEBRK	UEBF
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(integrated)									(Filter integrated)
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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.



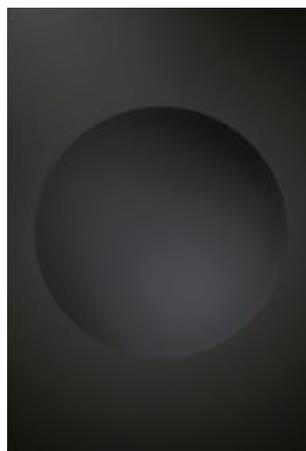
PKFI 11

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



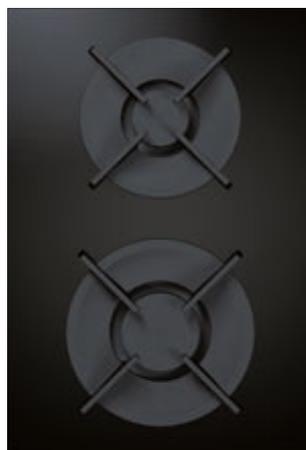
PKC3B

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



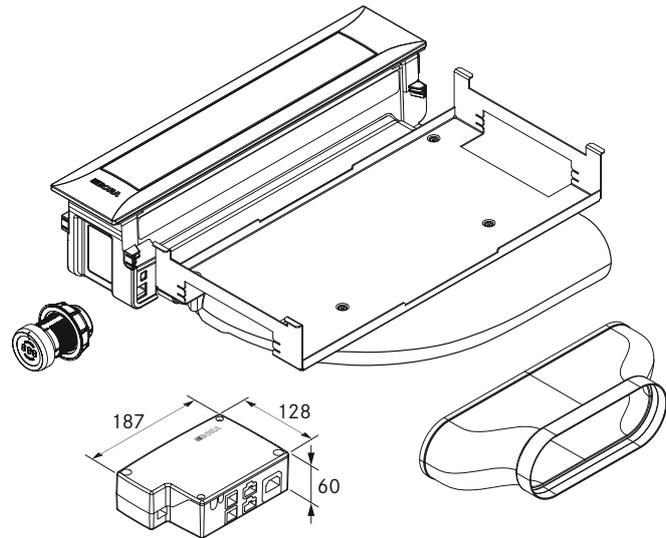
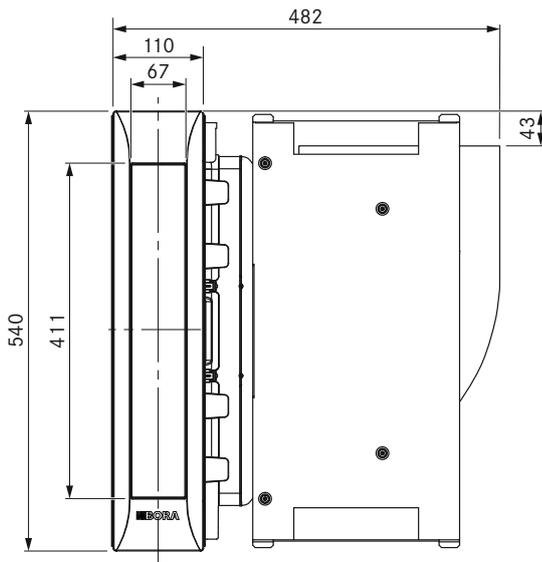
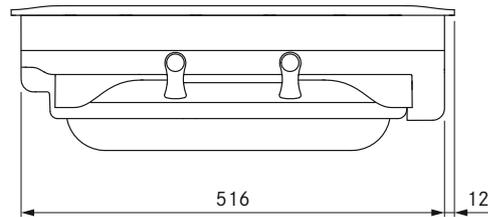
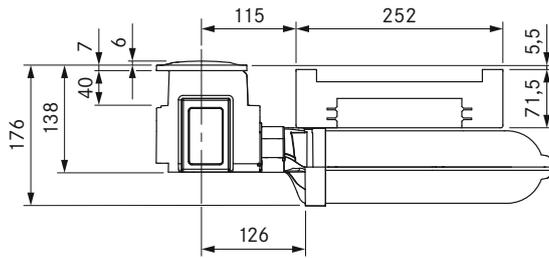
PKAS

BORA Pro cooktop extractor system with integrated fan



PKASFIAB

BORA Pro Set All Black (1x PKASAB, 2x PKFI11AB, 1x EFBV90, 1x EF750, 1x EFV)



technical data

Power levels	1 - 9, P
Connection on the exhaust side	BORA Ecotube
Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	700 W
Power supply cable	2 m
Dimensions (WxDxH)	482 x 540 x 176 mm
Weight (incl. accessories/packaging)	9.25 kg

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

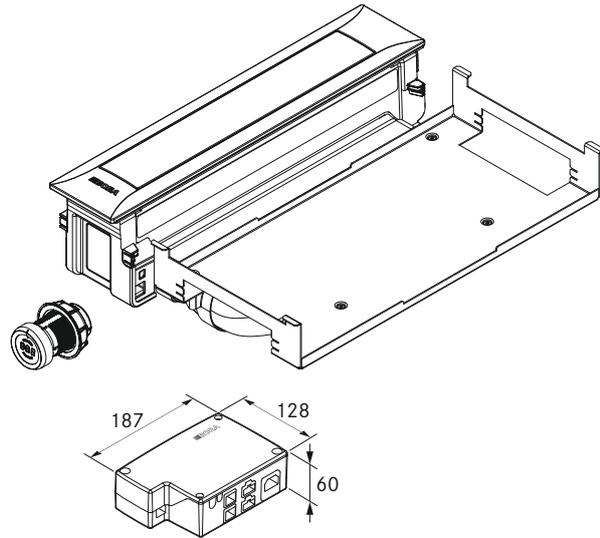
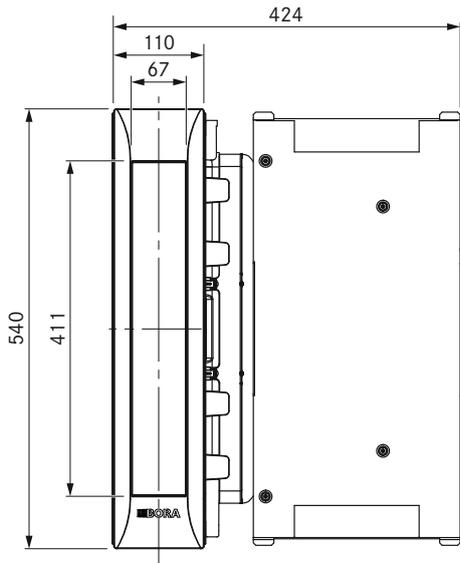
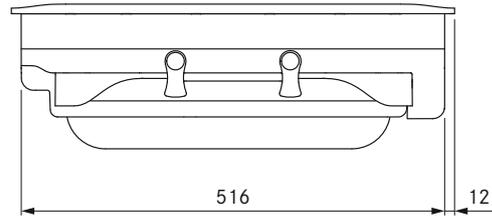
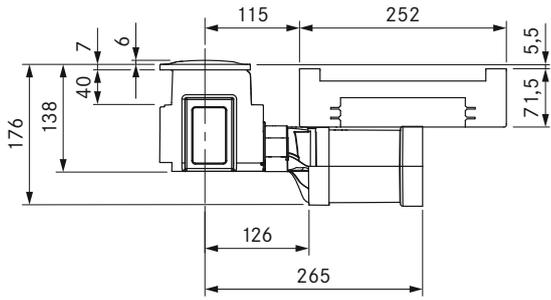
Accessories

- 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

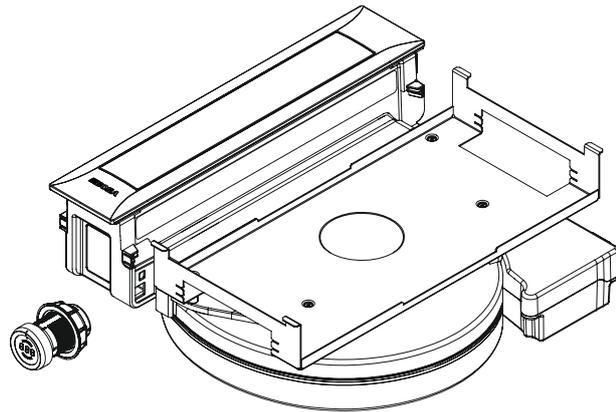
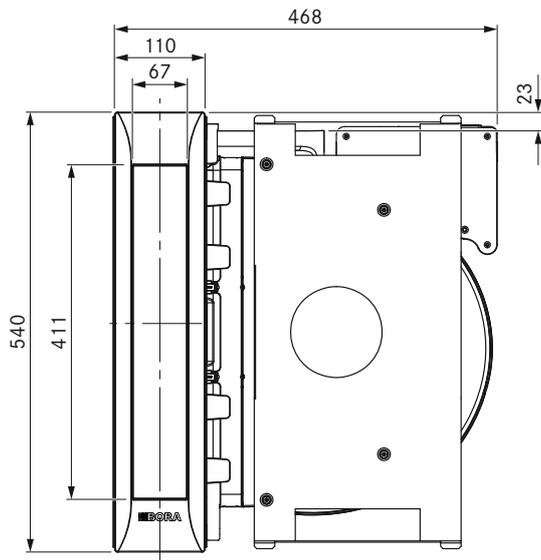
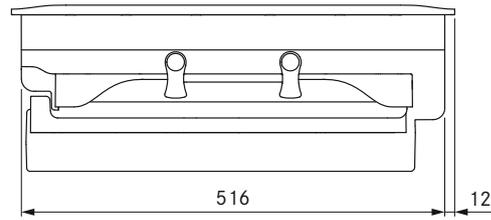
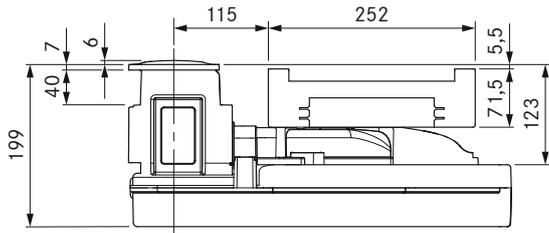
- Suitable for use as a recirculation or exhaust system
- Can be combined with all BORA Professional cooktops and BORA Universal fan modules
- In the event of an exhaust channel of more than 6 m in length or significant pressure losses, an additional Universal fan module must be used
- The worktop height 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
- Professional cooktop extractor system can be combined with USTF, USTE, USTJ, USTG and USTL sockets

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



PKAS

BORA Pro cooktop extractor system with integrated fan



technical data

Power levels	1 - 9, P
Connection on the exhaust side	BORA Ecotube
Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	700 W
Power supply cable	2 m
Dimensions (WxDxH)	468 x 540 x 199 mm
Weight (incl. accessories/packaging)	12.5 kg

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

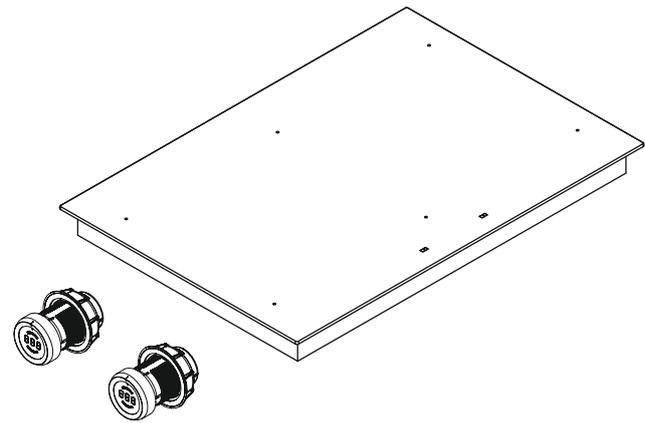
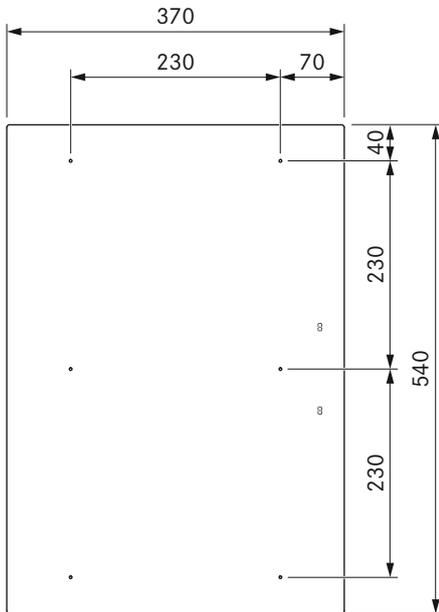
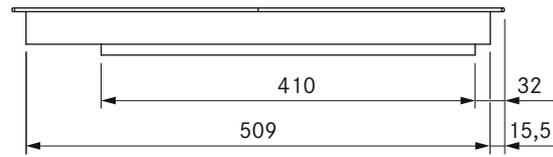
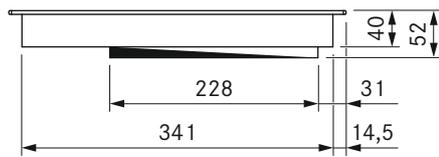
- PKA1FF stainless steel grease filter
- PKA1VK cover flap
- PKA1FW filter tray
- UNLI type I power supply cable (AUS)
- UNLJ type J power supply cable (CH)
- UNLG type G power supply cable (GB-IE)

product- and planning instructions

- Suitable for use as a recirculation or exhaust system
- Can be combined with all BORA Professional 2.0 cooktops and BORA Universal fan modules
- In the event of an exhaust channel of more than 6 m in length or significant pressure losses, an additional Universal fan module must be used
- 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
- Professional cooktop extractor system can be combined with USTF, USTE, USTJ, USTG and USTL sockets
- Exhaust ducting only possible to the right

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 levels	1 - 9, P
Weight (incl. accessories/packaging)	8.1 kg
Surface material	SCHOTT CERAN®
Back cooking zone dimensions	230 x 230 mm
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	370 x 540 x 52 mm
Front cooking zone dimensions	230 x 230 mm
Front cooking zone power	2100 W
Back cooking zone power	2100 W
Front cooking zone power setting	3700 W
Back cooking zone power setting	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

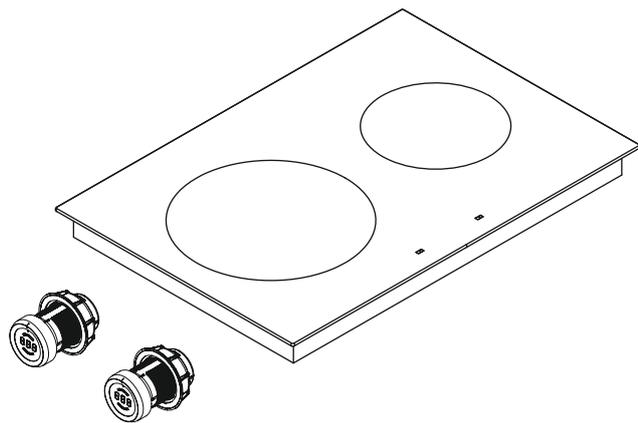
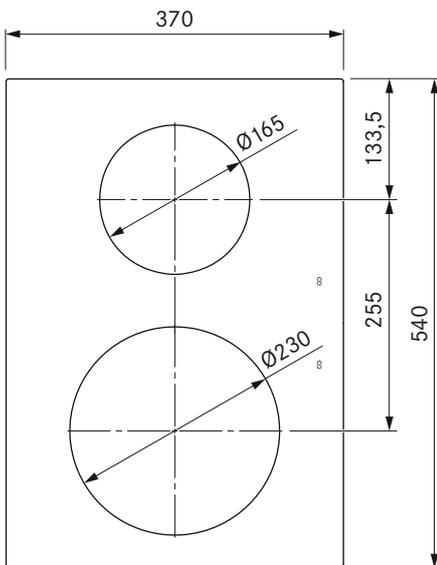
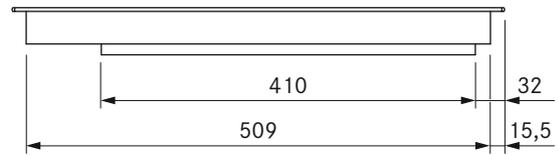
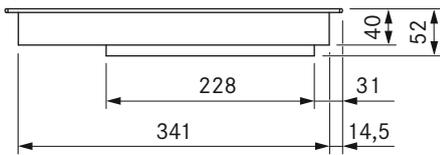
- PKFI11 surface induction glass ceramic cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- glass ceramic scraper
- height adjustment plate set

product- and planning instructions

- Rotation by 180° possible during installation
- Please note that induction-compatible cookware must be used on induction cooktops
- Make sure that the area below the induction cooktop is sufficiently ventilated

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 levels	1 - 9, P
Surface material	SCHOTT CERAN®
Back cooking zone dimensions	Ø 165 mm
Dimensions (WxDxH)	370 x 540 x 52 mm
Front cooking zone dimensions	Ø 230 mm
Front cooking zone power	2300 W
Front cooking zone power setting	3700 W

Product description

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

Scope of delivery

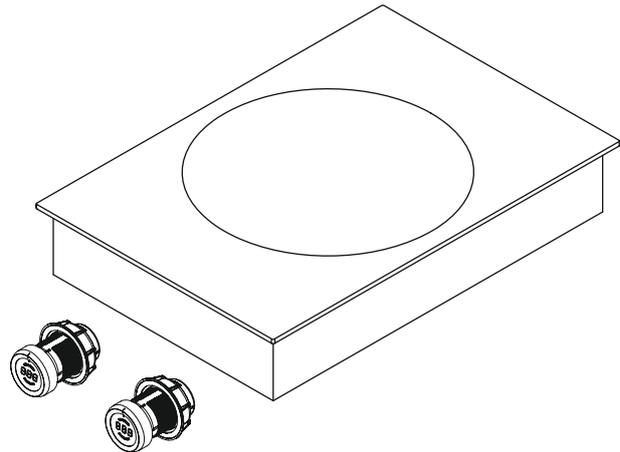
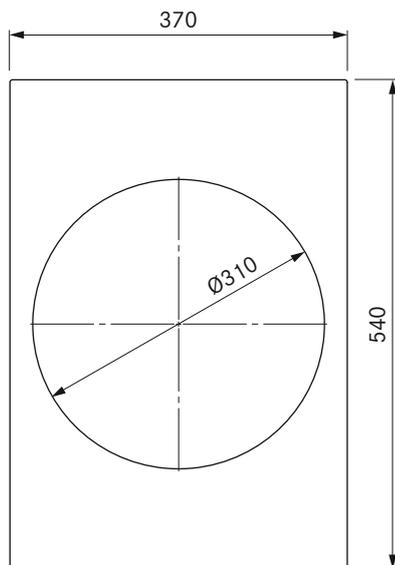
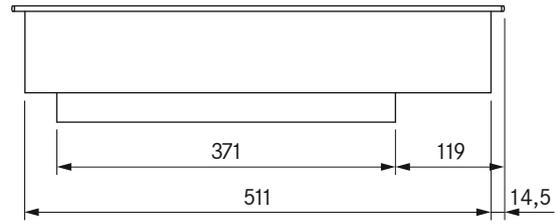
- PKI11 induction glass ceramic cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- height adjustment plate set
- glass ceramic scraper

product- and planning instructions

- Rotation by 180° possible during installation
- Please note that induction-compatible cookware must be used on induction cooktops
- Make sure that the area below the induction cooktop is sufficiently ventilated

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 levels	1 - 9, P
Cooking zone size	Ø 310 mm
Weight (incl. accessories/packaging)	9.5 kg
Cooking zone power	2400 W
Surface material	SCHOTT CERAN®
Cooking zone power setting	3000 W
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	370 x 540 x 128 mm

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

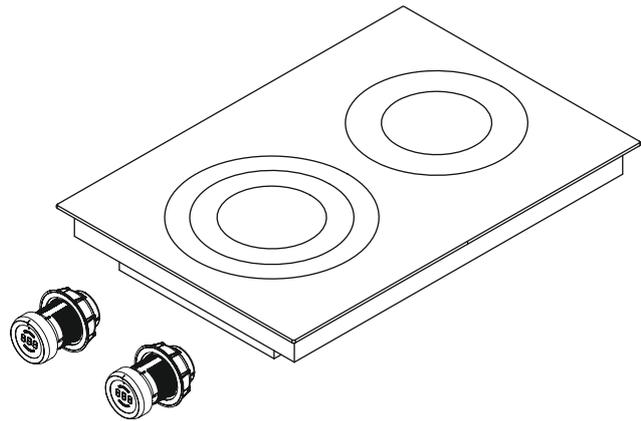
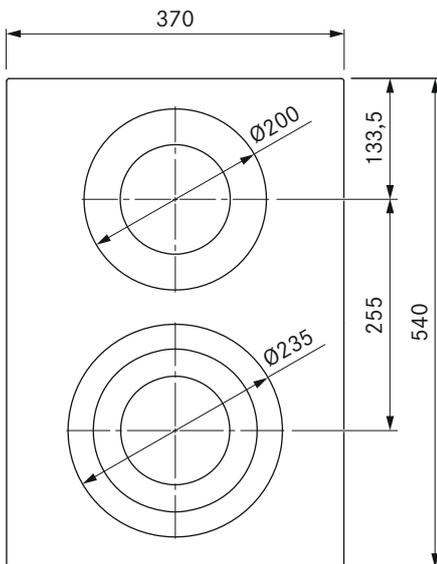
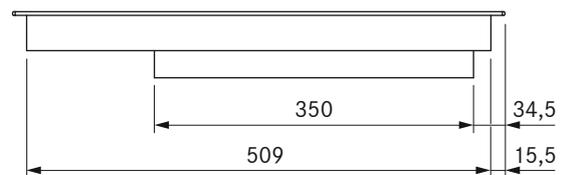
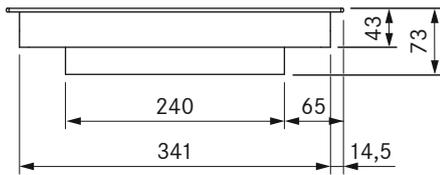
- HIW1 induction wok, Controlinduc®, stainless steel, Ø 360 mm

product- and planning instructions

- The installation height of 128 mm means that the device cannot be installed over the exhaust ducting
- Make sure that the area below the induction cooktop is sufficiently ventilated
- Wok recess diameter 310 mm
- Use a wok that loses its magnetic properties when the temperature rises (overheating protection). We recommend using the BORA induction wok.

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 levels	1 - 9, (switching of 2/3 rings)
Weight (incl. accessories/packaging)	8.7 kg
Surface material	SCHOTT CERAN®
Back cooking zone dimensions	Ø 120 / 200 mm
Power supply cable	1.5 m (L1, L2, N, PE)
Number of cooking zone circuits front	3
Dimensions (WxDxH)	370 x 540 x 73 mm
Front cooking zone dimensions	Ø 120 / 180 / 235 mm
Front cooking zone power	800 / 1600 / 2500 W
Back cooking zone power	800 / 1900 W
Number of cooking zone circuits rear	2

Product description

- Intelligent control knob
- Oversized 4 24 cooking surface
- Variable heat retention function
- 2-ring switching
- 3-ring switching
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- Demo mode

Scope of delivery

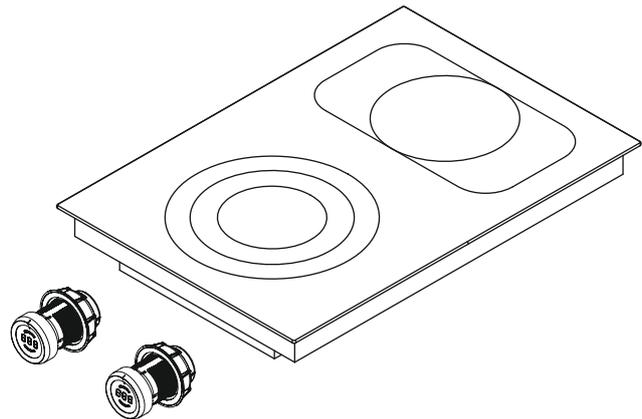
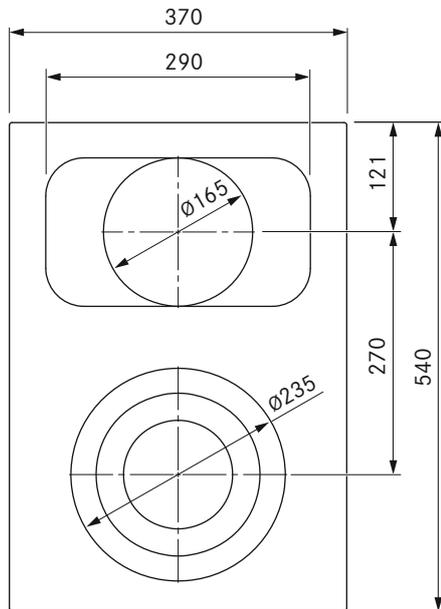
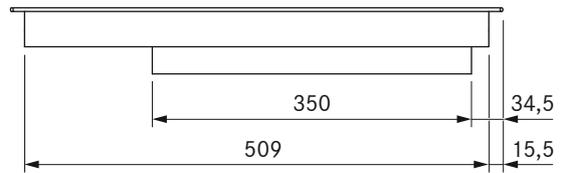
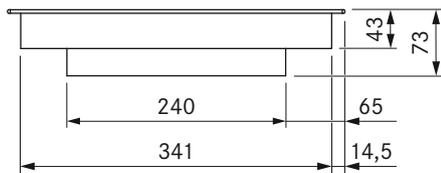
- PKC32 HiLight glass ceramic cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- glass ceramic scraper
- height adjustment plate set

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 levels	1 - 9, (switching of 2/3 rings/ roaster)
Weight (incl. accessories/packaging)	8.9 kg
Surface material	SCHOTT CERAN®
Back cooking zone dimensions	Ø 165 mm / 290 x 165 mm
Power supply cable	1.5 m (L1, L2, N, PE)
Number of cooking zone circuits front	3
Dimensions (WxDxH)	370 x 540 x 73 mm
Front cooking zone dimensions	Ø 120 / 180 / 235 mm
Front cooking zone power	800 / 1600 / 2500 W
Back cooking zone power	1500 W / 2600 W

Product description

- Intelligent control knob
- Oversized 4 24 cooking surface
- Variable heat retention function
- Roaster switching
- 3-ring switching
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- Demo mode

Scope of delivery

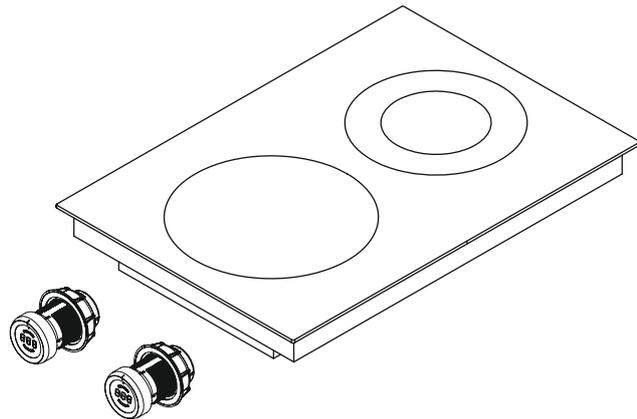
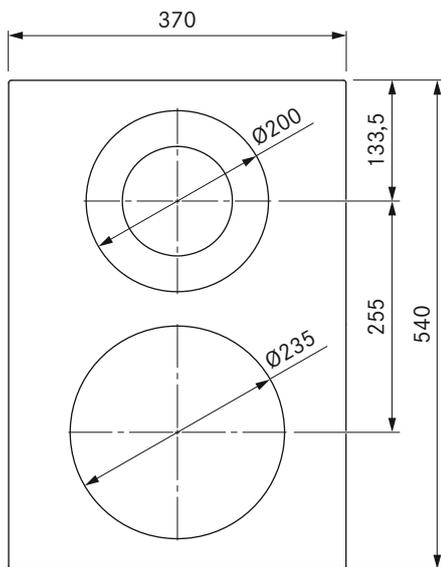
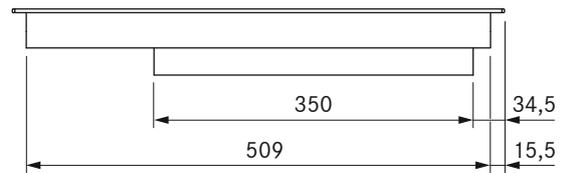
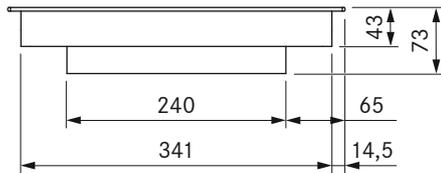
- PKC3B HiLight glass ceramic cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- glass ceramic scraper
- height adjustment plate set

product- and planning instructions

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

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 levels	1 - 9, (switching 2-ring/hyper)
Weight (incl. accessories/packaging)	8.7 kg
Surface material	SCHOTT CERAN®
Back cooking zone dimensions	Ø 120 / 200 mm
Power supply cable	1.5 m (L1, L2, N, PE)
Number of cooking zone circuits front	1
Dimensions (WxDxH)	370 x 540 x 73 mm
Front cooking zone dimensions	Ø 235 mm
Front cooking zone power	2100 W
Back cooking zone power	800 / 1900 W
Front cooking zone power setting	3200 W
Number of cooking zone circuits rear	2

Product description

- Intelligent control knob
- Oversized 4 24 cooking surface
- Variable heat retention function
- Super fast parboiling
- 2-ring switching
- childproofing feature
- Cooking zone timers
- Timer
- Pause function
- Demo mode

Scope of delivery

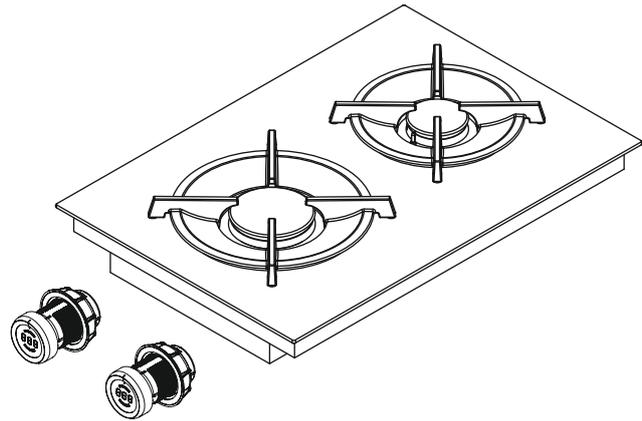
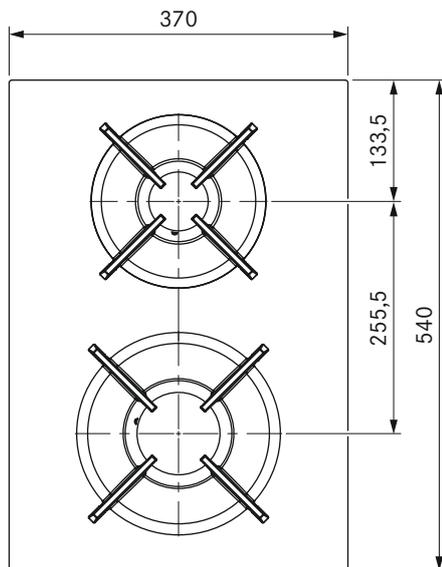
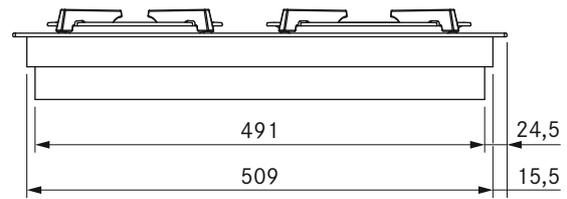
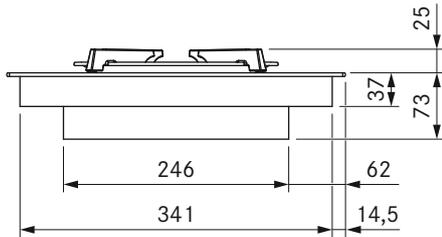
- PKCH2 Hyper glass ceramic cooktop
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- glass ceramic scraper
- height adjustment plate set

product- and planning instructions

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

PKG 11

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 gas cooktop power	5.0 kW
Surface material	SCHOTT CERAN®
Dimensions (WxDxH)	370 x 540 x 73 mm
Power levels	1 - 9, P
Maximum power rating	20 W
Minimum fuse protection	1 x 0.5 A.
Weight (incl. accessories/packageing)	11.5 kg
Back cooking zone dimensions	Ø 200 mm
Power supply cable	1.5 m (L, N, PE)
high-power burner	800-3000 W
normal burner	550-2000 W
Front cooking zone dimensions	Ø 240 mm
pan support high-power burner	270 x 270 x 25/50 mm
pan support normal burner	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

- Gas glass ceramic cooktop PKG11-100
- 2 x 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
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- height adjustment plate set
- mounting straps
- Adapter cylindrical-conical
- Seal
- glass ceramic scraper

Accessories

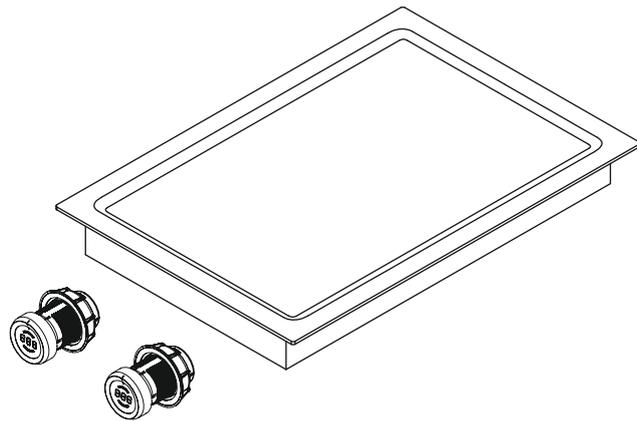
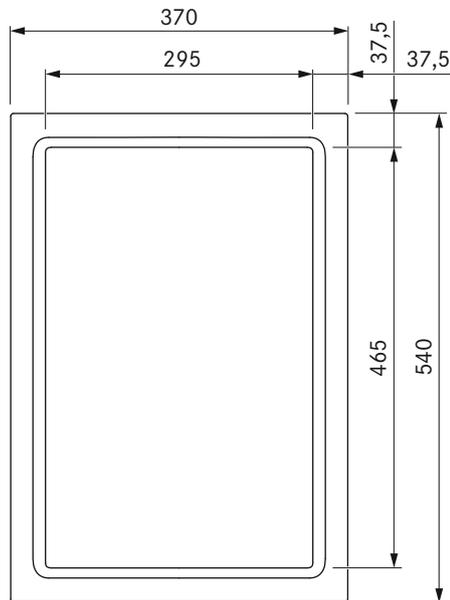
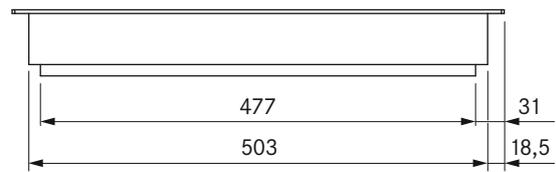
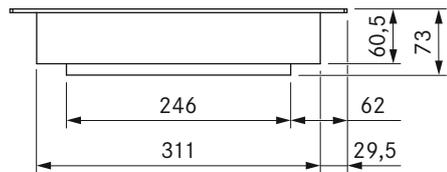
- Gas nozzle set G20 - 10 mbar natural gas PKGDS2010
- Gas nozzle set G20 - 13 mbar natural gas PKGDS2013
- Gas nozzle set G20 - 20 mbar natural gas PKGDS2020
- Gas nozzle set G20 - 25 mbar natural gas PKGDS2025
- Gas nozzle set G25 - 20 mbar natural gas PKGDS2520
- Gas nozzle set G25 - 25 mbar or G25.3 - 25 mbar natural gas PKGDS2525
- Gas nozzle set G30/G31 - 28-30 or 37 mbar liquid gas PKGDS3028
- Gas nozzle set G30/G31 - 50 mbar liquid gas PKGDS3050
- Gas nozzle set G31 - 30 mbar liquid gas PKGDS3130
- Gas nozzle set G31 - 50 mbar liquid gas PKGDS3150

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 processing guidelines for the gas cooktop PKG11-100 (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)

PKT11

BORA Pro Tepan stainless steel grill with 2 cooking zones



technical data

Supply voltage	380 - 415 V 2N
Temperature control range	70 - 250°C
Frequency	50/60 Hz
Maximum power consumption	4.8 kW
Maximum power rating	4.8 kW
Minimum fuse protection	2 x 16 A
Weight (incl. accessories/packaging)	15.8 kg
Surface material	Brushed stainless steel
Back cooking zone dimensions	295 x 230 mm
Power supply cable	1.5 m (L1, L2, N, PE)
Dimensions (WxDxH)	370 x 540 x 73 mm
Front cooking zone dimensions	295 x 230 mm
Front cooking zone power	2400 W
Back cooking zone power	2400 W
Heat retention level	150 - 230°C, 250°C (1 - 9, P)

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

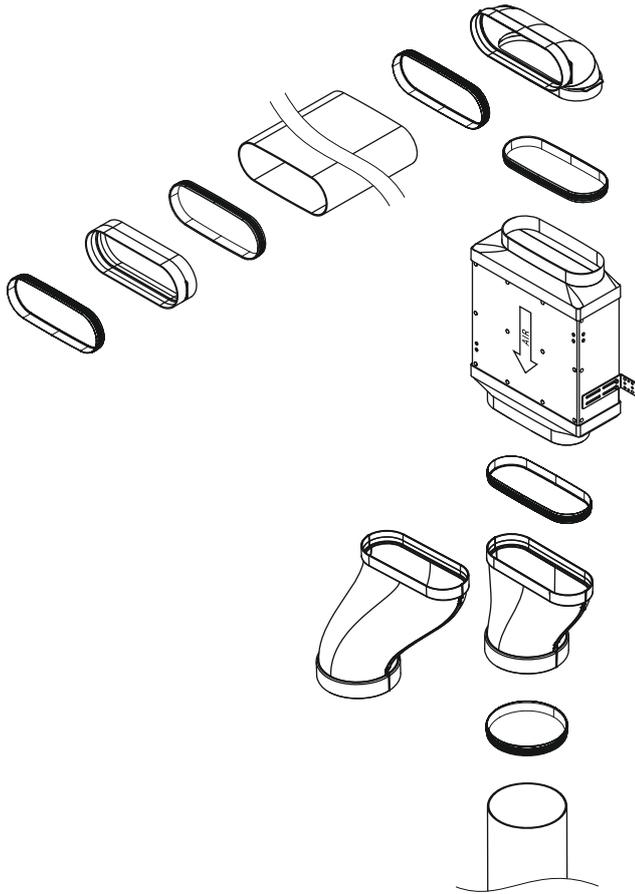
product- and planning instructions

- Make sure that the area below the Tepan cooktop is sufficiently ventilated.

PESDF

BORA PROFESSIONAL 2.0
ACCESSORIES

BORA Pro Ecotube set with USDF



Product description

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

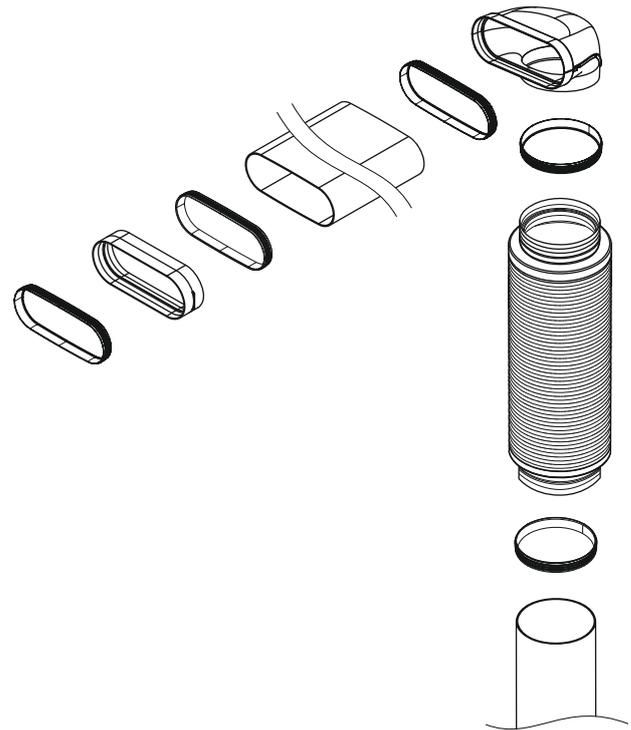
Scope of delivery

- 1 x EFV/1
- 5 x EFD/1
- 1 x EF750/1
- 1 x EFBV90/1
- 1 x USDF
- 1 x EFRG/1
- 1 x EFRV/1
- 1 x ERD/1
- 1 x ER750/1

PESDR

BORA PROFESSIONAL 2.0
ACCESSORIES

BORA Pro Ecotube set with USDR50



Product description

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

Scope of delivery

- 1 x EFV/1
- 3 x EFD/1
- 1 x EF750/1
- 1 x EFR90/1
- 1 x USDR50
- 2 x ERD/1
- 1 x ER750/1

Energy efficiency

PKA/PKAS BORA Professional cooktop extractors

Product description	PKA Professional cooktop extractor	PKAS Professional cooktop extractor system	
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 (EEI _{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 ₀)	0.4 W	0.43 W	61591

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

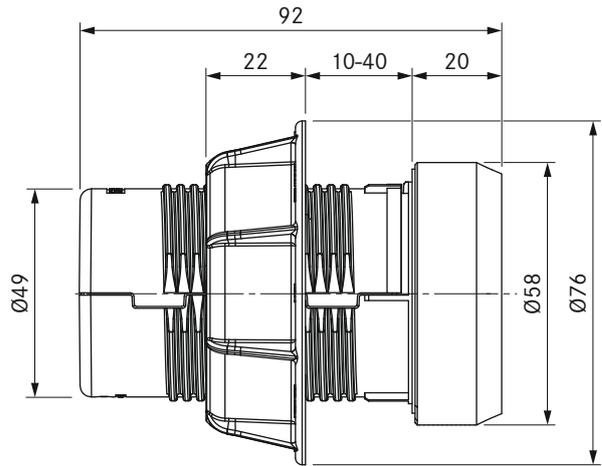
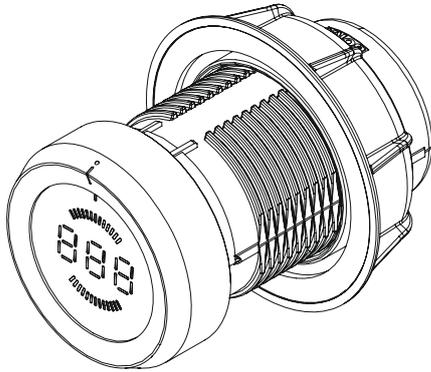
* This specification is not applicable for this product.

** 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

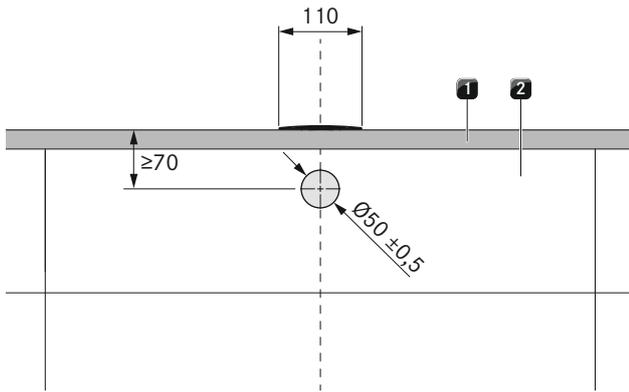
Professional control knob

Appliance and installation dimensions

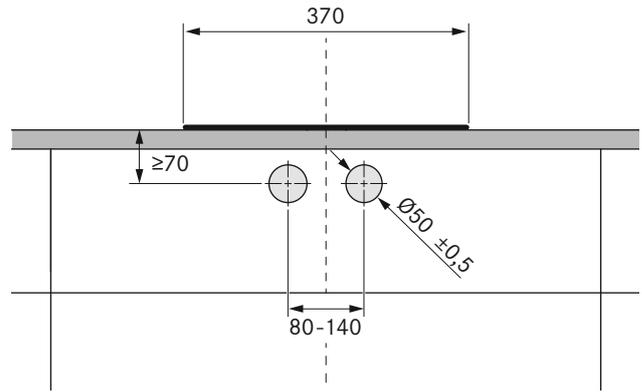


Bore holes

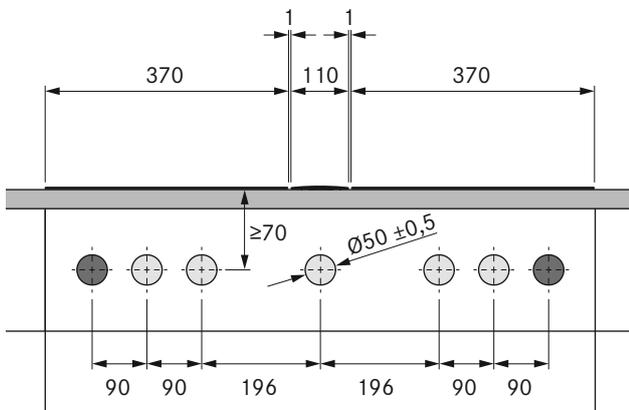
Bore hole for the control knob on the Professional cooktop extractors PKA/PKAS:



Bore holes for the control knobs on the Professional cooktops:

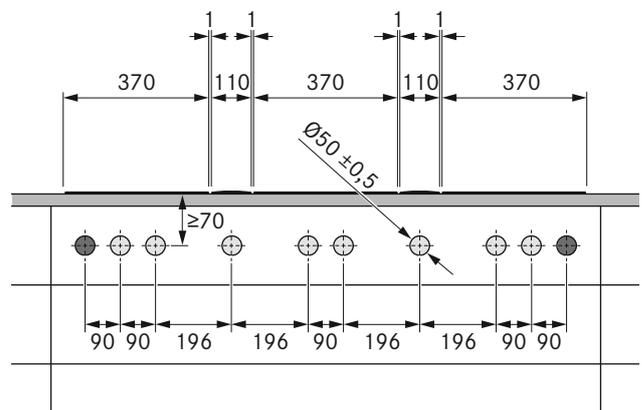


Bore hole examples:



Double cooktop

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



Triple cooktop

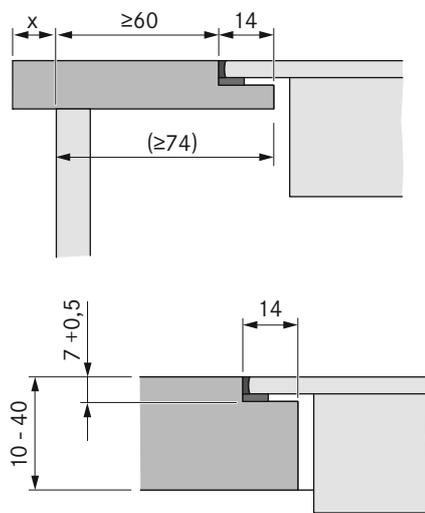
**Bore holes for installing 3 cooktops,
2 cooktop extractors and 2 sockets**

⊕ = Control knob bore holes ⊙ = Socket bore holes

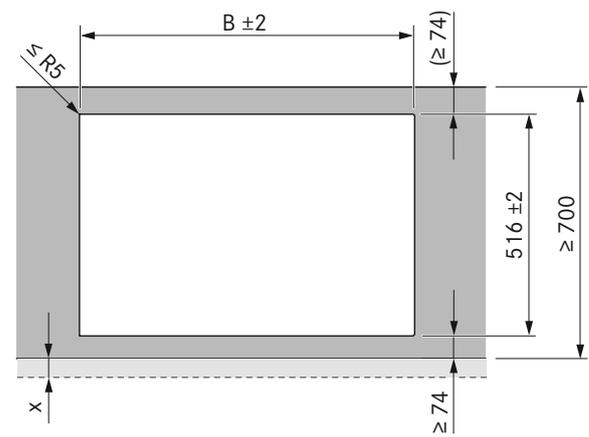
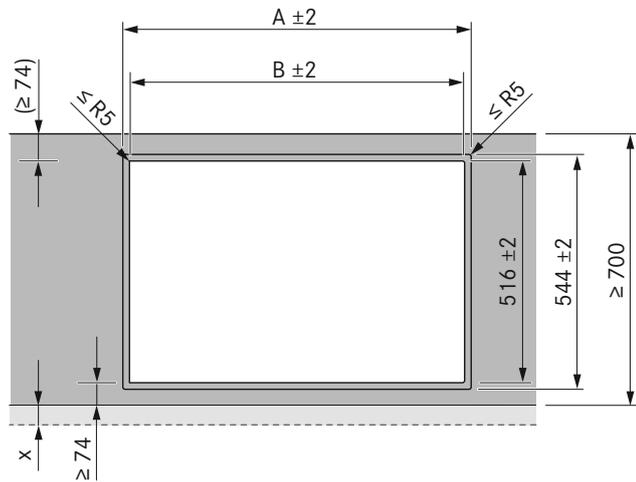
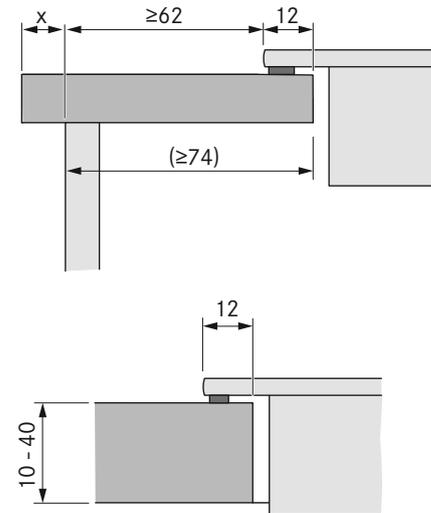
Cut-out dimensions

BORA Professional 2.0

Flush installation



Surface mounting



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

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

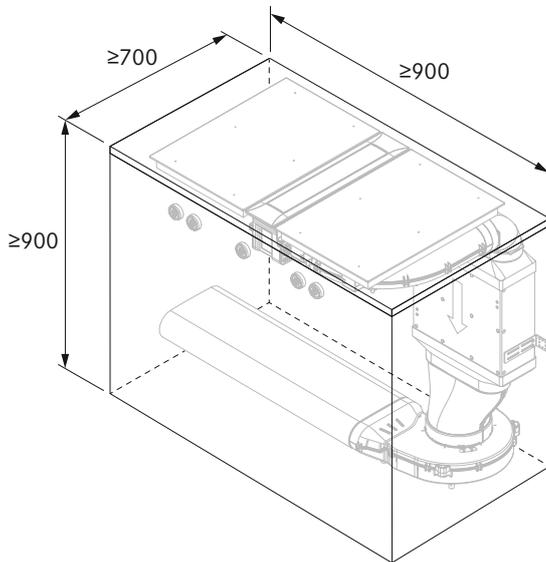
Important planning instructions:

- 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).

Minimum dimensions for installation

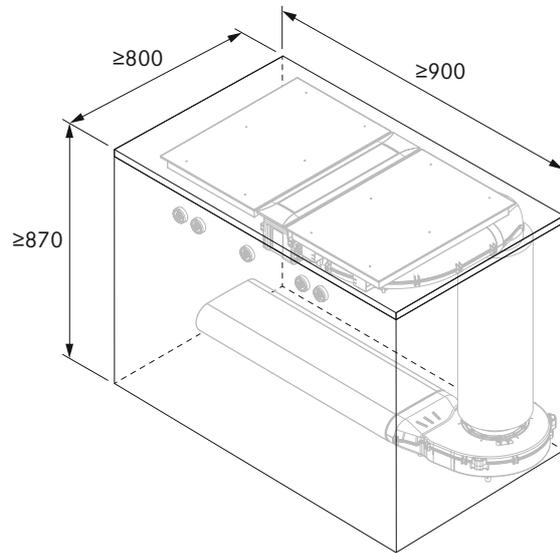
BORA Professional

Minimum dimensions for installation PKA + EFBV90 + USDF + EFRV:



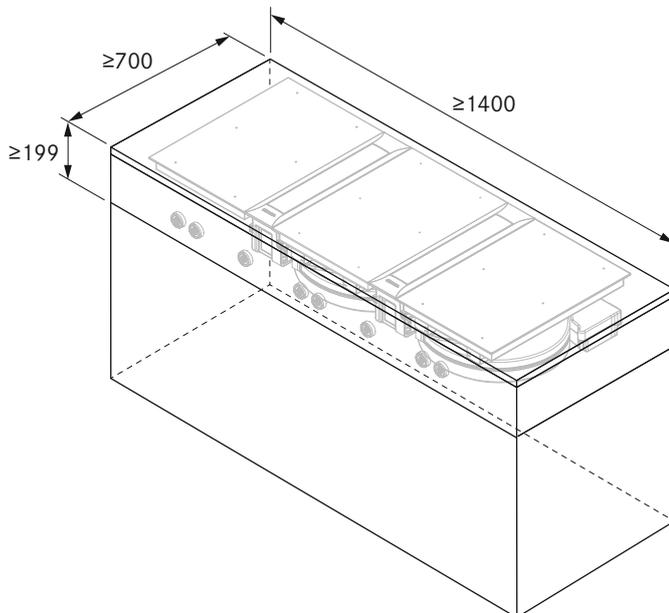
(The bottom drawer must be shortened,
ULS plinth fan with air release to the left)

Minimum dimensions for installation PKA + EFR90 + USDR50:



(ULS plinth fan with air release to the left)

Minimum dimensions for installation 2 PKAS + EFBV90:

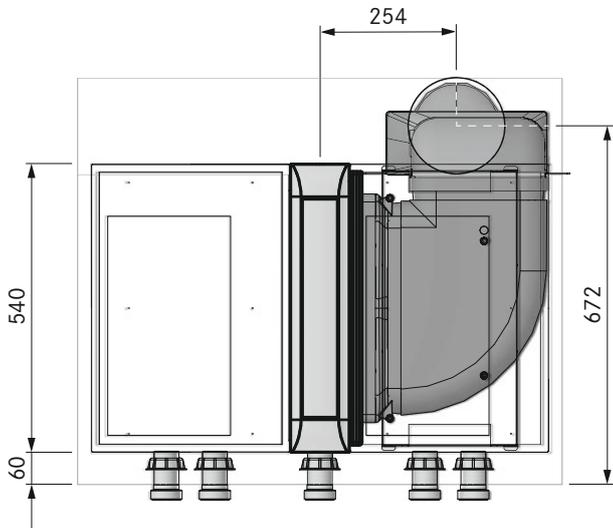


(Minimum width for 3 cooktops + 2 cooktop extractors)

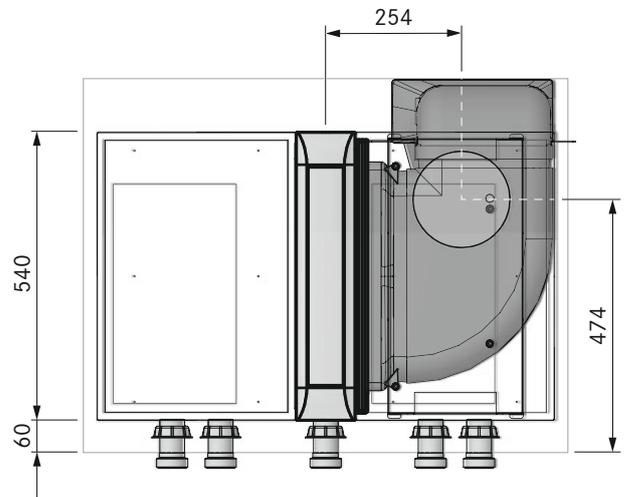
Core bore holes

BORA Professional

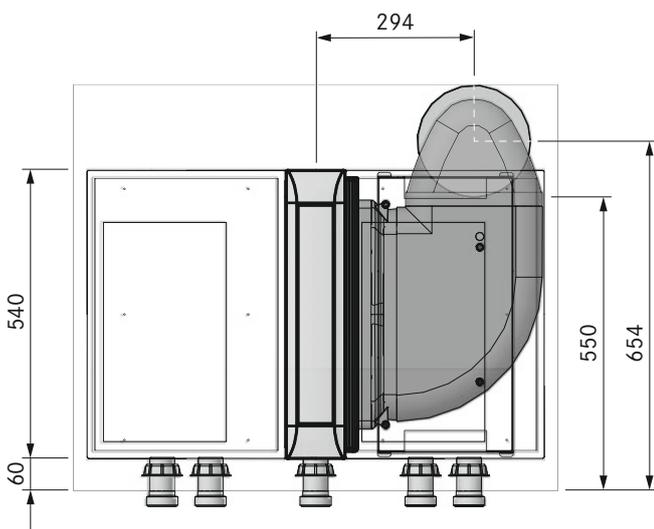
**Minimum dimensions for core bore hole
PKA + EFBV90 + USDF + EFRG:**



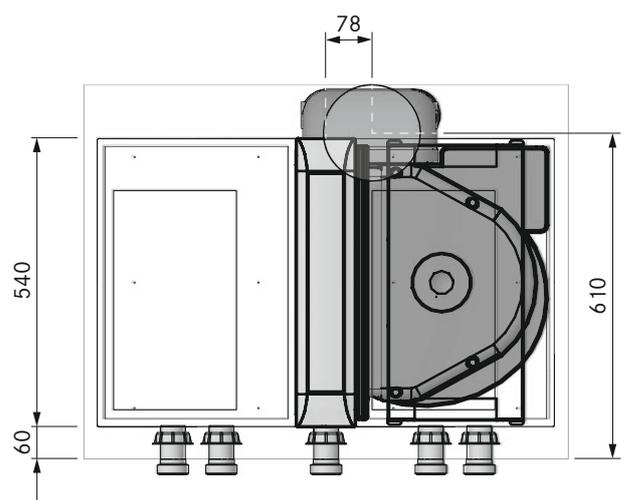
**Minimum dimensions for core bore hole
PKA + EFBV90 + USDF + EFRV:**



**Minimum dimensions for core bore hole
PKA + EFR90 + USDR:**



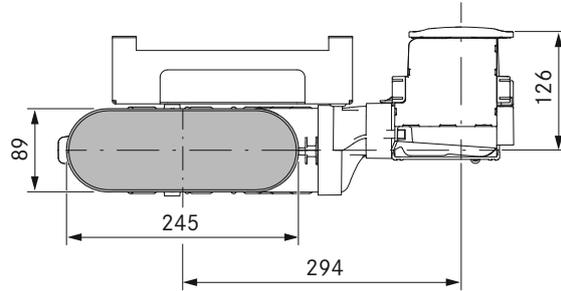
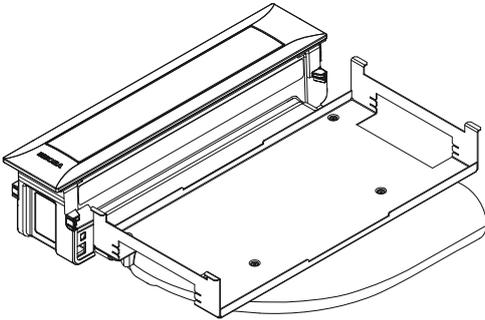
**Minimum dimensions for core bore hole
PKAS + EFBV90 + EF1000 + EFRG:**



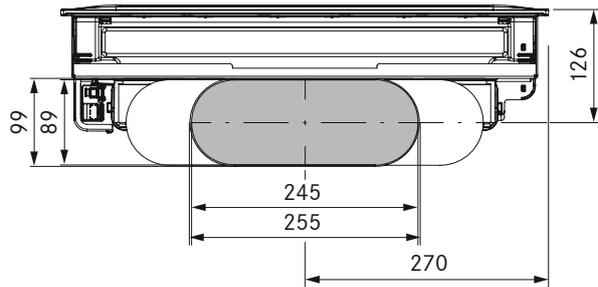
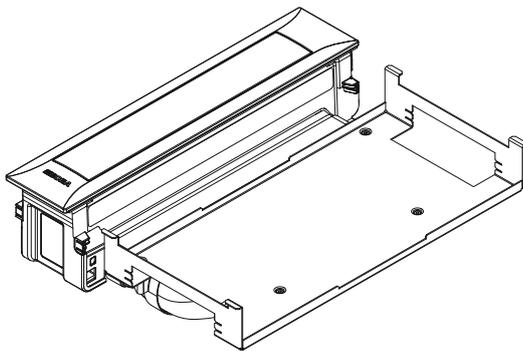
Duct connection dimensions

BORA Pro cooktop extractors

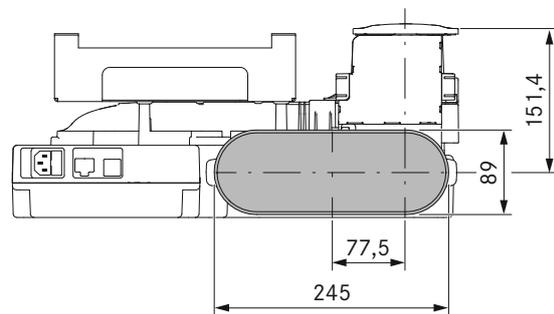
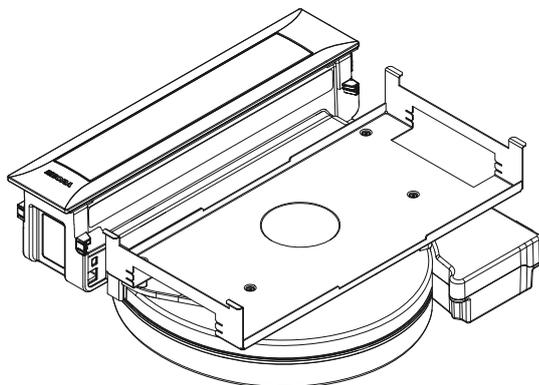
PKA cooktop extractor with curved duct element



Installation option: PKA cooktop extractor with straight duct element



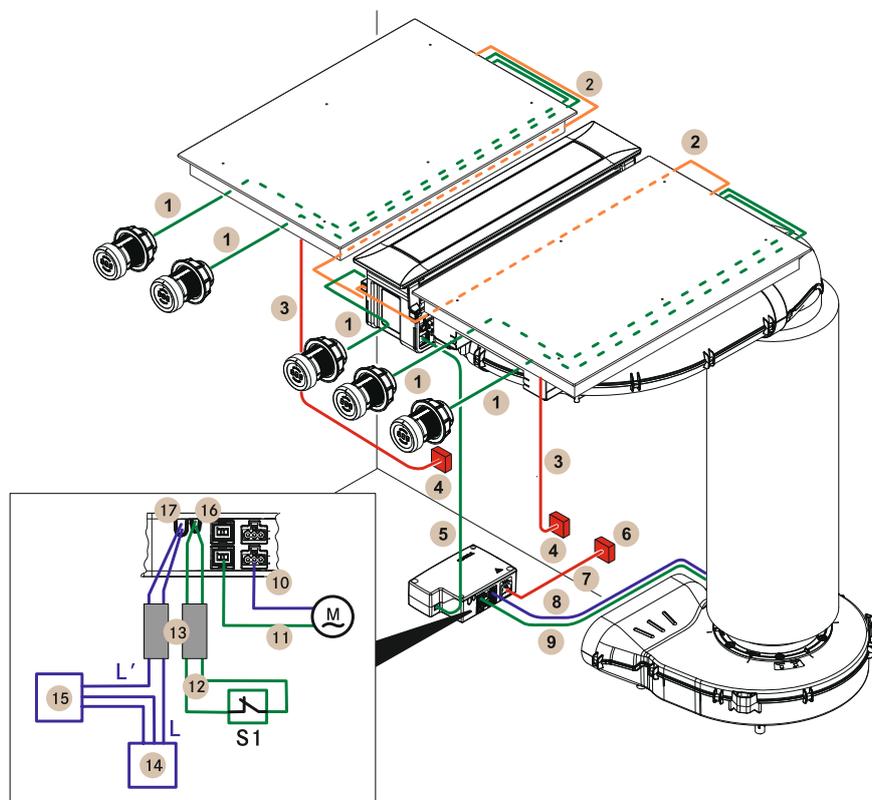
PKAS cooktop extractor system



Connection diagram

BORA Professional

PKA Professional cooktop extractor



Position	Description	Note
1	Cable control knob – interface	Length 1 m
2	Automatic extraction system cable	Length 1 m
3	Cooktop power supply cable	Min. 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	Plinth fan power supply cable	
9	Plinth fan control line	
10	Additional fan power supply cable	
11	Additional fan control line	
M	Additional fan	
12	Connection cable Home-In	Max. length 10 m
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

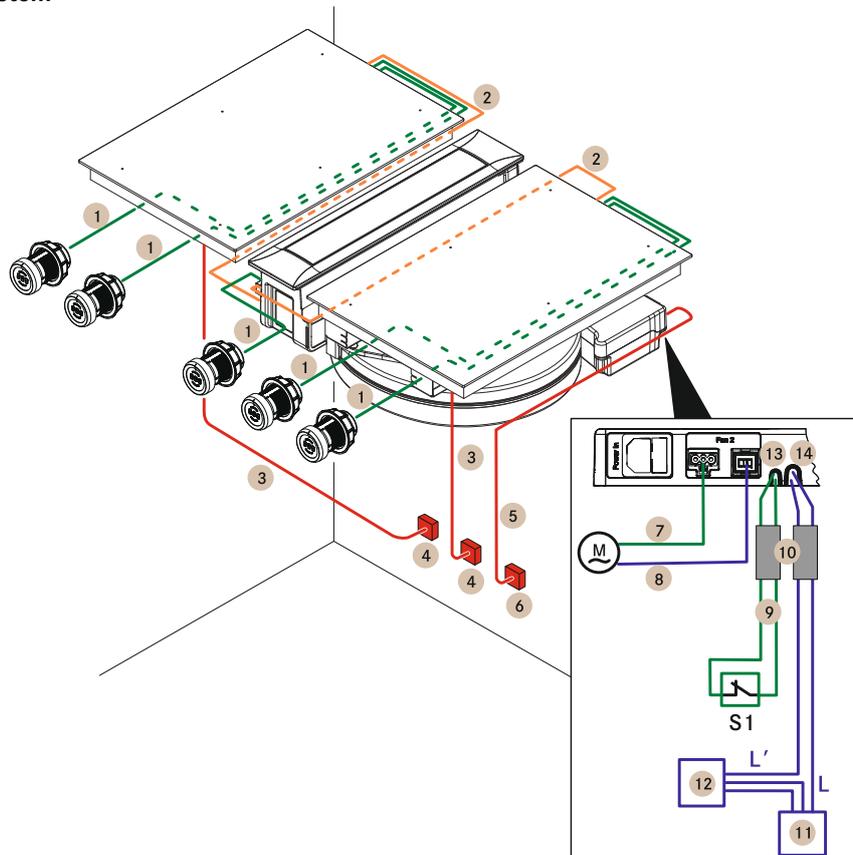
The connection diagram shows the maximum connection options required and is for planning purposes only.

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

Connection diagram

BORA Professional

PKAS Professional cooktop extractor system



Position	Description	Description
1	Cable control knob – interface	Length 1 m
2	Automatic extraction system cable	Length 1 m
3	Cooktop power supply cable	Min. 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	Additional fan control line	
M	Additional fan	
9	Connection cable Home-In	Max. length 10 m
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

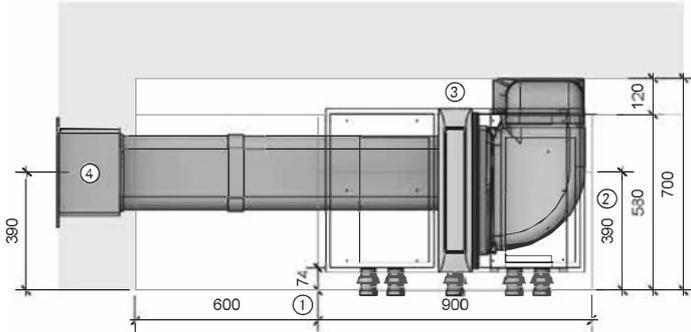
The connection diagram shows the maximum connection options required and is for planning purposes only. The connection itself must be carried out by a qualified specialist based on the operating instructions.

Sample designs

Professional 2.0

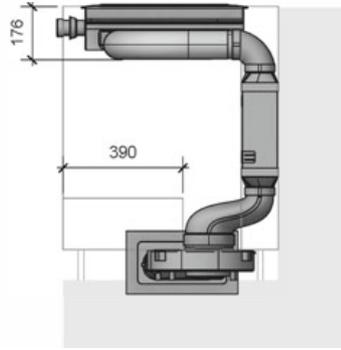
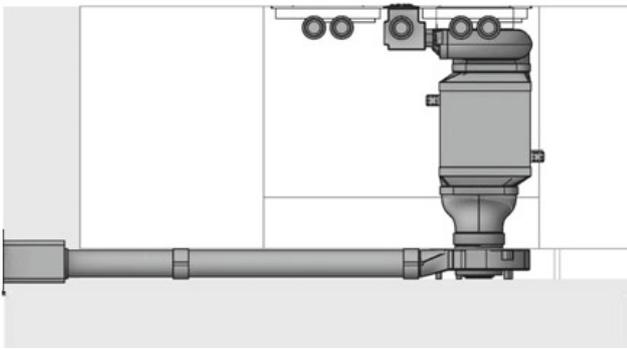
PKA 90° - exhaust-air variant for kitchen counters

MP_1125 - with plinth fan ULS, shallow silencer USDF and airflow to the left in the plinth



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Undermost drawer must be shortened
- ③ Technology
- ④ Wall opening 310 x 155 mm, after finished floor until middle opening 56 mm, must be blown completely dry regardless of weather conditions



Article BORA

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

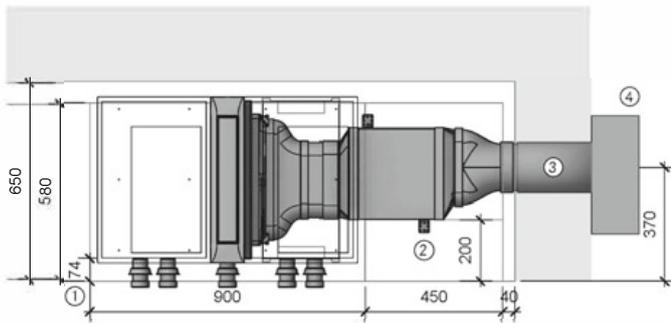
Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

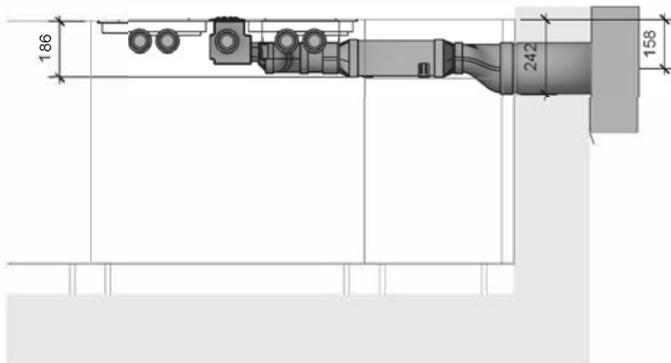
PKA straight - exhaust-air variant for kitchen counters

MP_1408 - with external wall fan ULA, shallow silencer USDF and airflow to the right under the worktop



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Top drawer must be shortened
- ③ Core drill hole diameter at least 180 mm
- ④ Must be able to freely blow out 400 mm from underneath



Article BORA

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

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

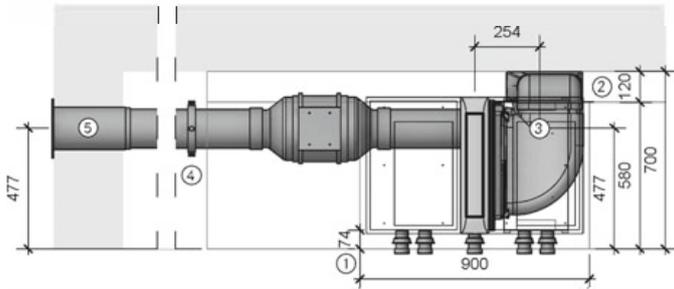
Further sample designs at <https://partner.bora.com>

Sample designs

Professional 2.0

PKA 90° - exhaust-air variant for kitchen counters

MP_1301 - with duct fan ULI, shallow silencer USDF with airflow to the left in the cellar



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Technology
- ③ Core drill hole diameter at least 180 mm
- ④ Pro 1 m duct recommended use of a mounting bracket set
- ⑤ Core drill hole diameter at least 180 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

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

Article BORA Ecotube

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

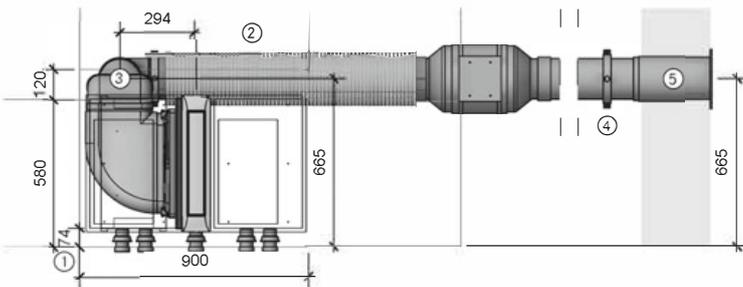
Article BORA Ecotube as required

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

PKA 90° - exhaust-air variant for kitchen islands

MP_1315 - with duct fan ULI, round silencer USDR100 with airflow to the right in the cellar



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Core drill hole diameter at least 180 mm
- ④ Pro 1 m duct recommended use of a mounting bracket set
- ⑤ Core drill hole diameter at least 180 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

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

Article BORA Ecotube

- 1 EFBV90/1 90° bend flat vertical
- 1 EFRG/1 transition flat 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

Article BORA Ecotube as required

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

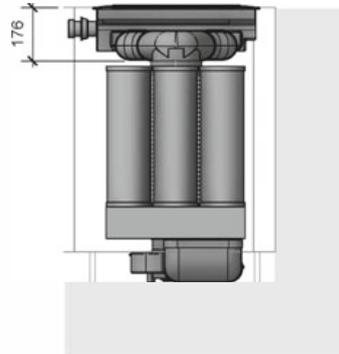
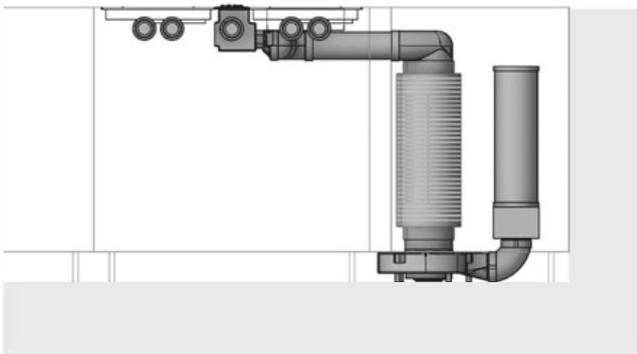
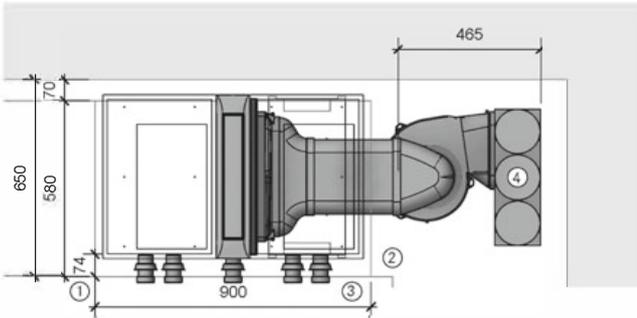
For moulded parts, sealing material is included with bushing design(s) within the scope of supply

Sample designs

Professional 2.0

PKA straight - recirculation variant for kitchen counters

MP_1135 - with plinth fan ULS, round silencer USDR50 and air purification box ULB3



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Technology
- ③ Provide a return opening of at least 500 cm² per air purification box
- ④ Air purification box must be accessible

Article BORA

- 1 PKA Pro cooktop extractor
- 1 ULS plinth fan EC
- 1 USDR50 round silencer 500 mm
- 1 ULB3 Air purification box with 3 activated charcoal filter cartridges

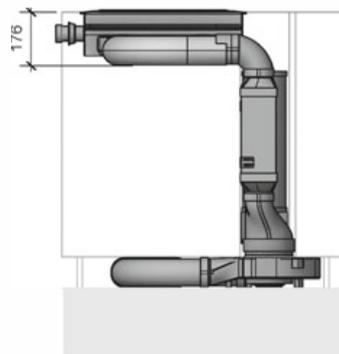
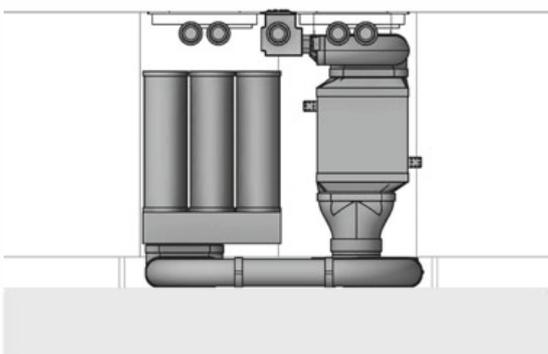
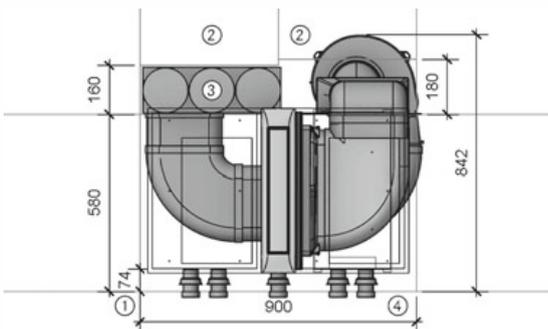
Article BORA Ecotube

- 1 EFBV90/1 90° bend flat vertical
- 1 EFR90/1 transition 90° flat round
- 1 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

PKA 90° - recirculation variant for kitchen islands

MP_1127 - with plinth fan ULS, shallow silencer USDF and air purification box ULB3 standing



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Air purification box must be accessible
- ④ Provide a return opening of at least 500 cm² per air purification box

Article BORA

- 1 PKA Pro cooktop extractor
- 1 PESDF Pro Ecotube Set with USDF
- 1 ULB3 Air purification box with 3 activated charcoal filter cartridges
- 1 ULS plinth fan EC

Article BORA Ecotube

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

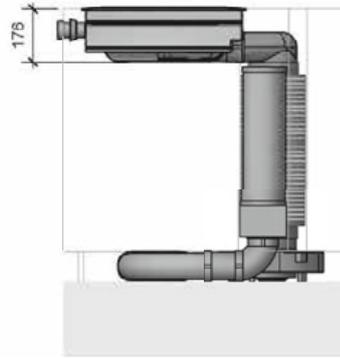
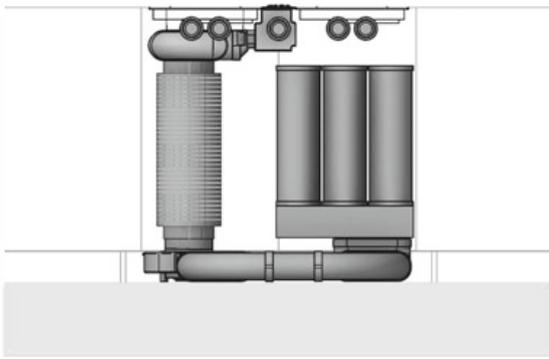
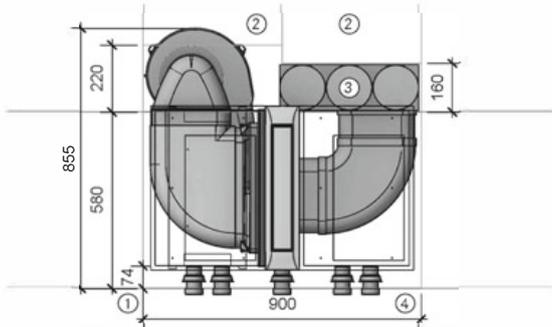
For moulded parts, sealing material is included with bushing design(s) within the scope of supply

Further sample designs at <https://partner.bora.com>

Sample designs

Professional 2.0

PKA 90° - recirculation variant for kitchen islands MP_1161 - with plinth fan ULS, round silencer USDR50 and air purification box ULB3 standing



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Air purification box must be accessible
- ④ Provide a return opening of at least 500 cm² per air purification box

Article BORA

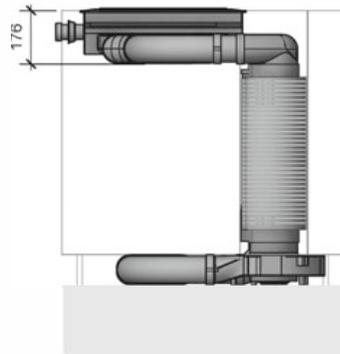
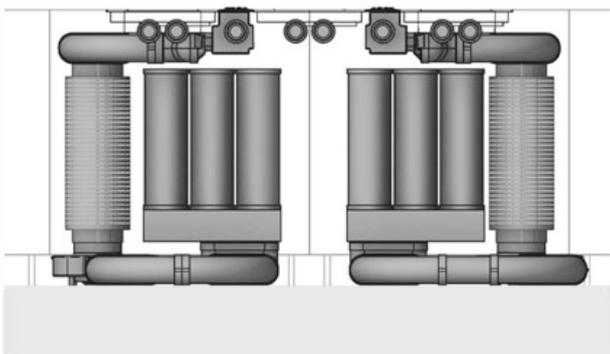
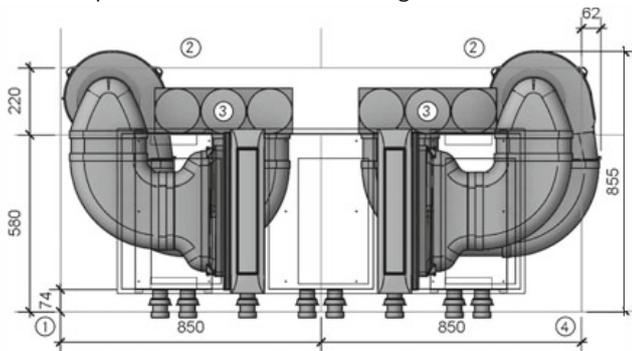
- 1 PKA Pro cooktop extractor
- 1 PESDR Pro Ecotube Set with USDR50
- 1 ULB3 Air purification box with 3 activated charcoal filter cartridges
- 1 ULS plinth fan EC

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

PKA 90° - double recirculation variant for kitchen islands MP_1001 - with plinth fan ULS, round silencer USDR50 and air purification box ULB3 standing



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Air purification box must be accessible
- ④ Provide a return opening of at least 500 cm² per air purification box

Article BORA

- 2 PKA Pro cooktop extractor
- 2 USDR50 round silencer 500 mm
- 2 ULB3 Air purification box with 3 activated charcoal filter cartridges
- 2 ULS plinth fan EC

Article BORA Ecotube

- 6 EFBH90/1 90° bend flat horizontal
- 2 EFBV90/1 90° bend flat vertical
- 2 EFR90/1 transition 90° flat round
- 1 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

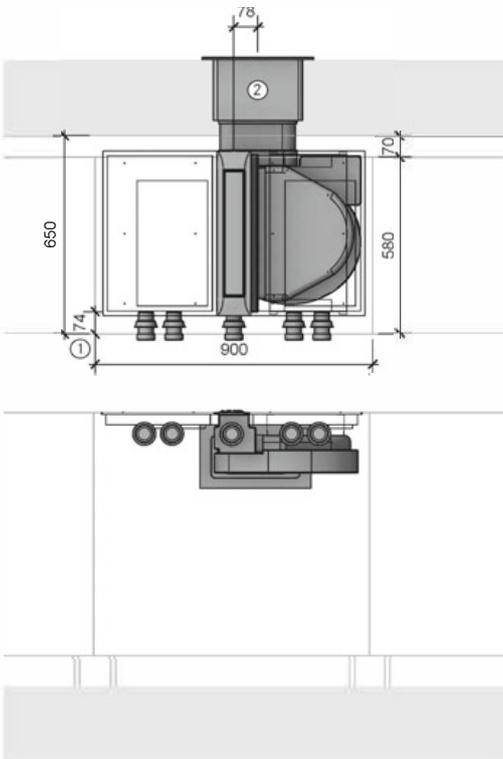
Further sample designs at <https://partner.bora.com>

Sample designs

Professional 2.0

PKAS - exhaust-air variant for kitchen counters

MP_1407 - with rearward airflow



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Wall opening 310 x 155 mm, after finished floor until middle opening 56 mm, must be blown completely dry directly regardless of weather conditions

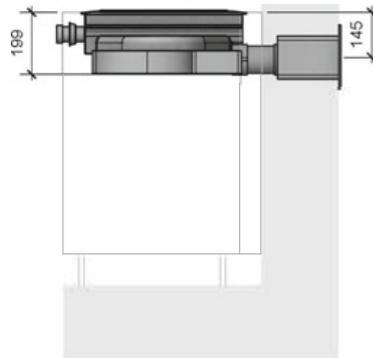
Article BORA

- 1 PKAS Pro cooktop extractor system with integrated fan

Article BORA Ecotube

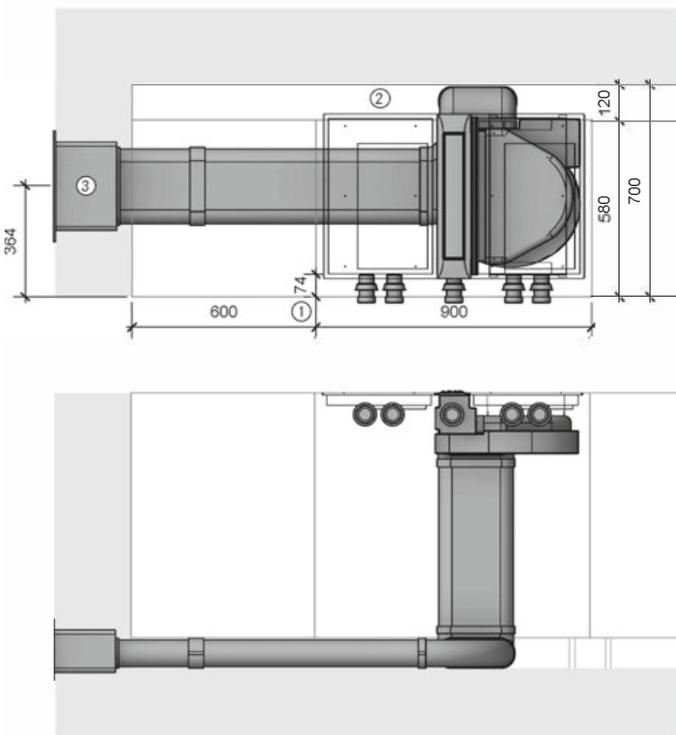
- 1 EFV/1 duct connection flat
- 1 UEBF/1 3box wall sleeve
- 1 EF750/1 shallow duct 750 mm

For moulded parts, sealing material is included with bushing design(s) within the scope of supply



PKAS - exhaust-air variant for kitchen counters

MP_1116 - with airflow to the left in the plinth



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Technology
- ③ Wall opening 310 x 155 mm, after finished floor until middle opening 56 mm, must be blown completely dry directly regardless of weather conditions

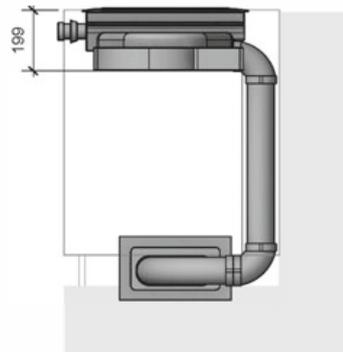
Article BORA

- 1 PKAS Pro cooktop extractor system with integrated fan

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply



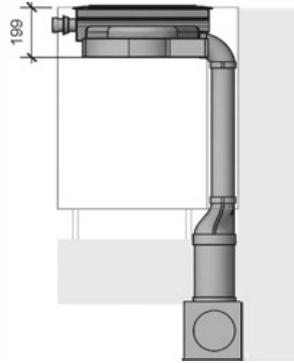
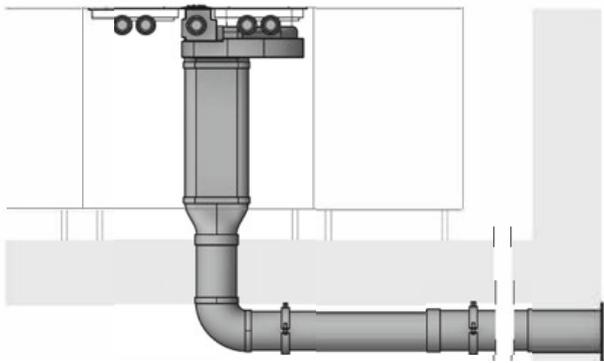
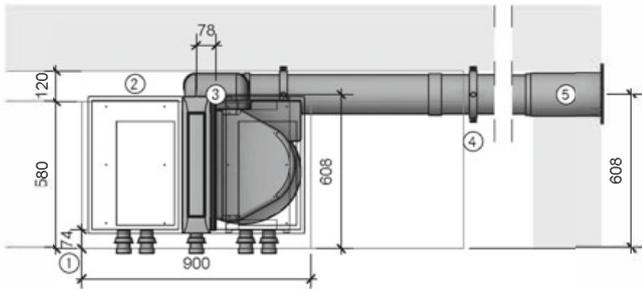
Further sample designs at <https://partner.bora.com>

Sample designs

Professional 2.0

PKAS - exhaust-air variant for kitchen counters

MP_1316 - with airflow to the right in the cellar



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Technology
- ③ Core drill hole diameter at least 180 mm
- ④ Pro 1 m duct recommended use of a mounting bracket set
- ⑤ Core drill hole diameter at least 180 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

- 1 PKAS Pro cooktop extractor system with integrated fan

Article BORA Ecotube

- 1 EFBV90/1 90° bend flat vertical
- 1 EFRG/1 transition flat 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

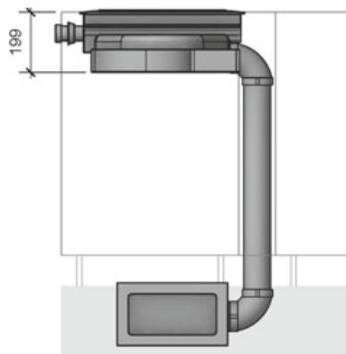
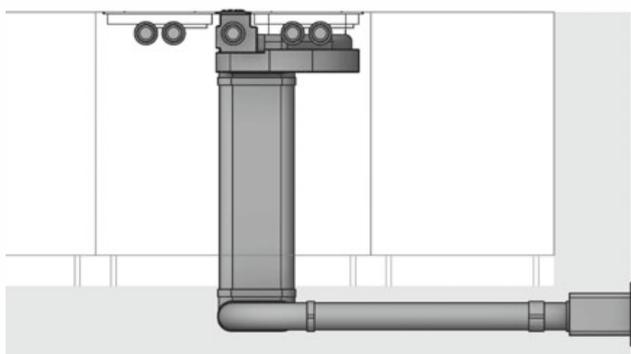
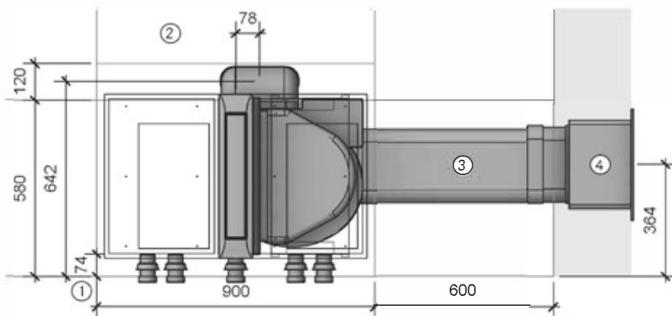
Article BORA Ecotube as required

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

PKAS - exhaust-air variant for kitchen islands

MP_1212 - with airflow to the right in the floor structure



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Reinforcement must be provided for the laying of ducts in the floor structure
- ④ Wall opening 310 x 155 mm, after finished floor until middle opening 56 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

- 1 PKAS Pro cooktop extractor system with integrated fan

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

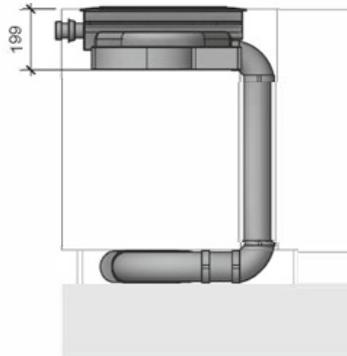
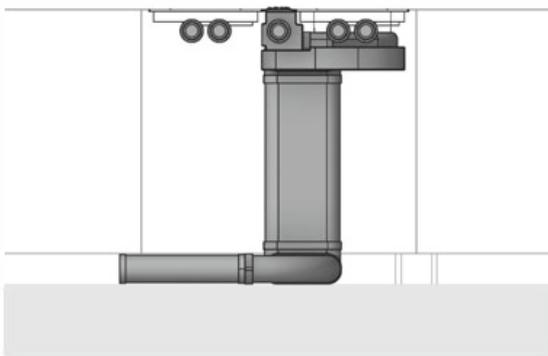
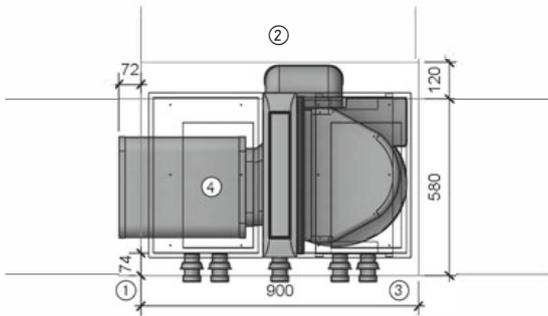
Further sample designs at <https://partner.bora.com>

Sample designs

Professional 2.0

PKAS - recirculation variant for kitchen islands

MP_1108 – with air purification box ULB1 in the plinth



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Provide a return opening of at least 500 cm² per air purification box
- ④ Air purification box must be accessible

Article BORA

- 1 PKAS Pro cooktop extractor system with integrated fan
- 1 ULB1 Air purification box Ecotube

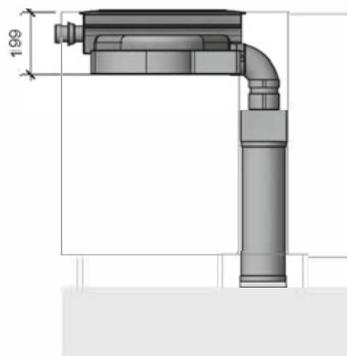
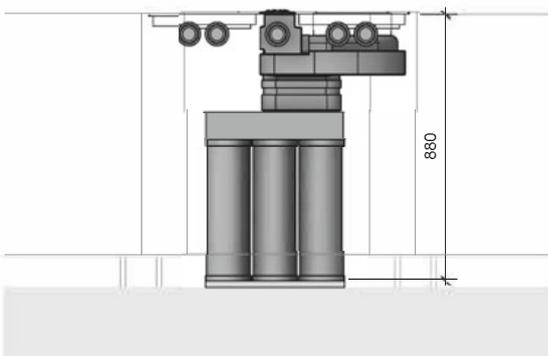
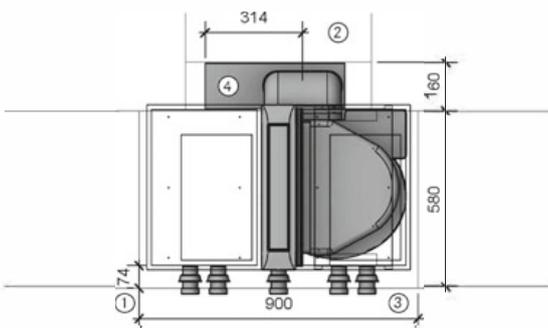
Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

PKAS - recirculation variant for kitchen islands

MP_1159 – with air purification box ULB3 hanging



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Provide a return opening of at least 500 cm² per air purification box
- ④ Air purification box must be accessible

Article BORA

- 1 PKAS Pro cooktop extractor system with integrated fan
- 1 ULB3 Air purification box with 3 activated charcoal filter cartridges

Article BORA Ecotube

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

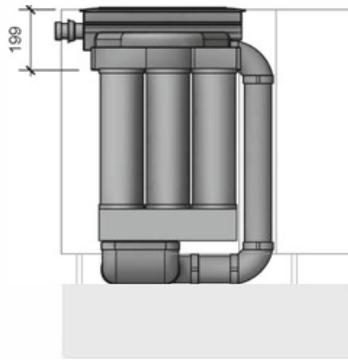
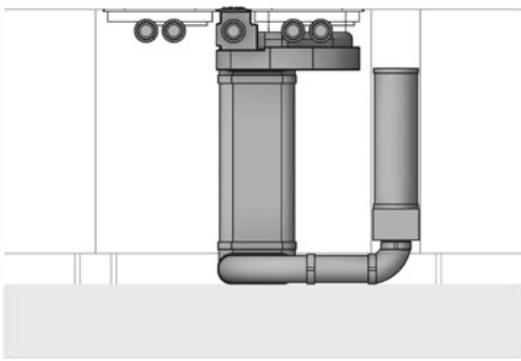
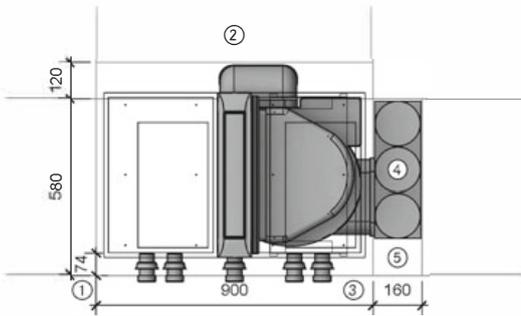
For moulded parts, sealing material is included with bushing design(s) within the scope of supply

Further sample designs at <https://partner.bora.com>

Sample designs

Professional 2.0

PKAS - recirculation variant for kitchen islands MP_1425 – with air purification box ULB3 standing



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Provide a return opening of at least 500 cm² per air purification box
- ④ Air purification box must be accessible
- ⑤ Technology

Article BORA

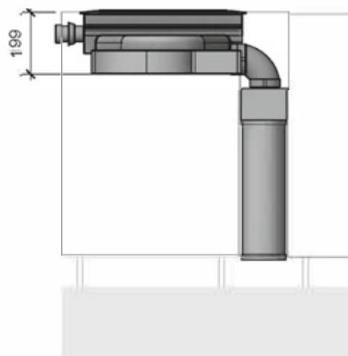
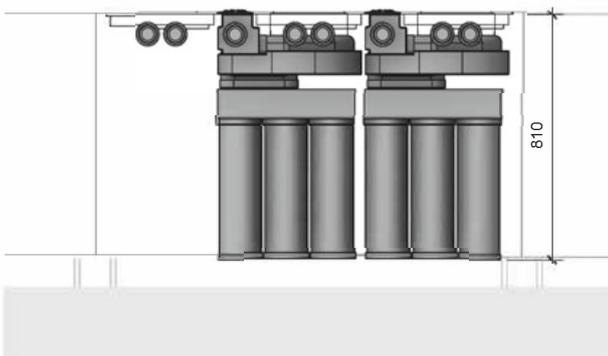
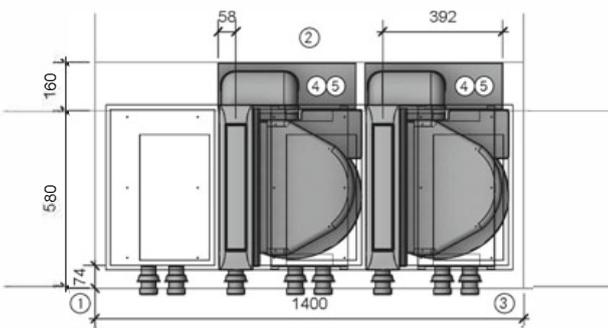
- 1 PKAS Pro cooktop extractor system with integrated fan
- 1 ULB3 Air purification box with 3 activated charcoal filter cartridges

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

PKAS - double recirculation variant for kitchen islands MP_1134 – with air purification box ULB3 hanging



Planning instructions

- ① Minimum 74 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Provide a return opening of at least 500 cm² per air purification box
- ④ Air purification box must be accessible
- ⑤ Assure sufficient stability of parts when mounting hanging ULB3 (load capacity at least 11.5 kg)

Article BORA

- 2 PKAS Pro cooktop extractor system with integrated fan
- 2 ULB3 Air purification box with 3 activated charcoal filter cartridges

Article BORA Ecotube

- 2 EFBV90/1 90° bend flat vertical
- 2 EFV/1 duct connection flat

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

Further sample designs at <https://partner.bora.com>

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.

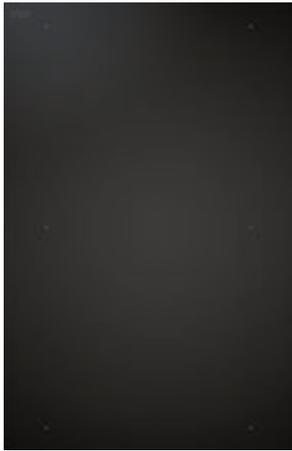
Accurate temperature control

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



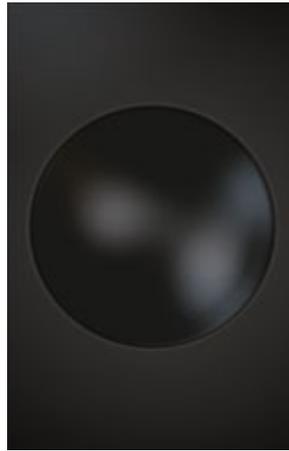
CKFI

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



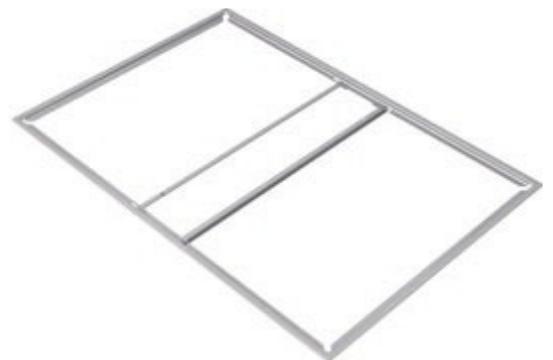
CKCB

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



CKT

BORA Classic Tepan stainless steel grill with 2 cooking zones

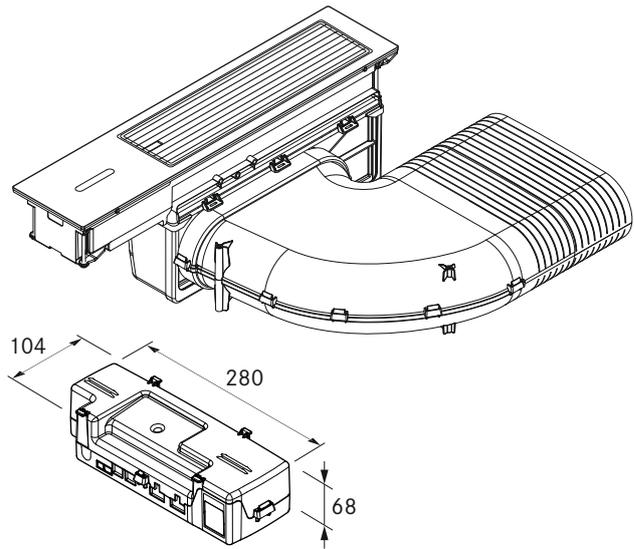
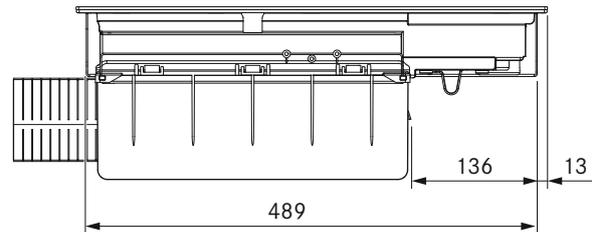
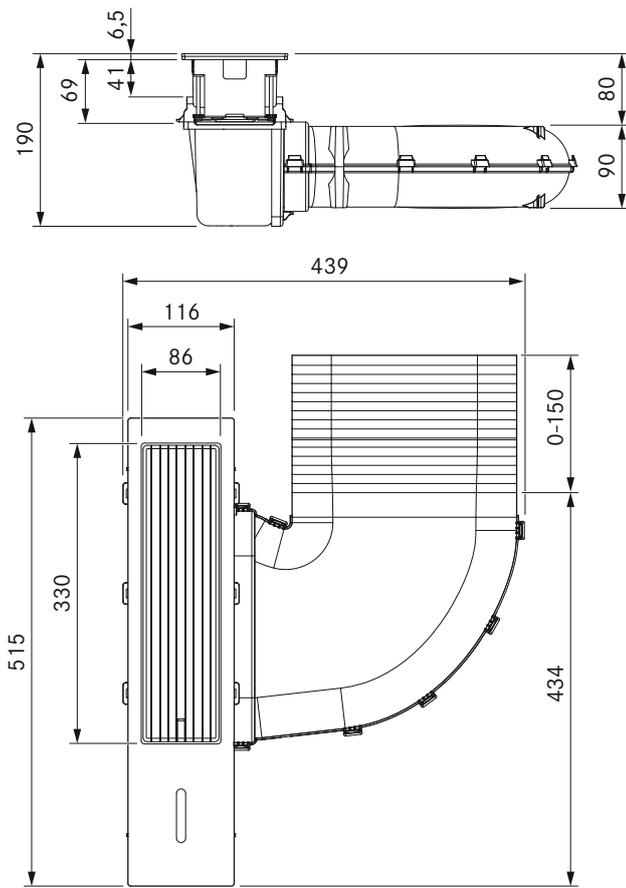


CER

BORA Classic inlay-frame

CKA2

BORA Classic cooktop extractor



technical data

Power levels	1 – 5, P
Connection on the exhaust side	BORA Ecotube
Supply voltage	220 – 240 V
Frequency	50/60 Hz
Maximum power consumption	max. 700 W
Fuse protection (internal)	TR 3.15 A
Power supply cable	1 m (F, G, J, I)
Dimensions (WxDxH)	439 x 515 x 190 mm
Surface material	Glass SSG/stainless steel 1.4301

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)
- Installation instruction Classic 2.0
- Instruction manual Classic 2.0

Accessories

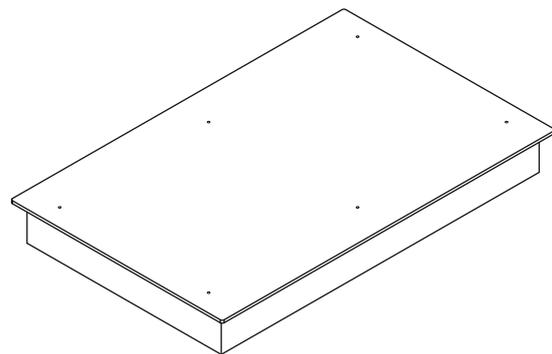
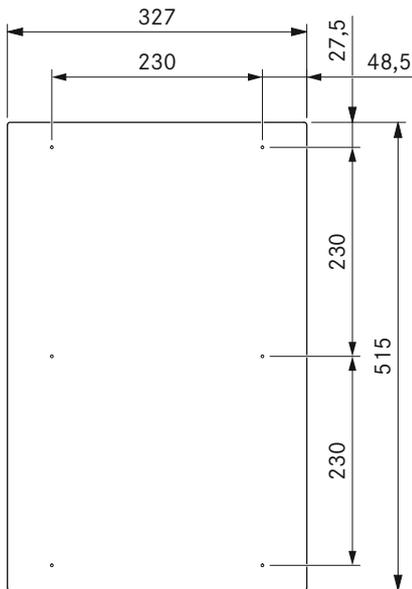
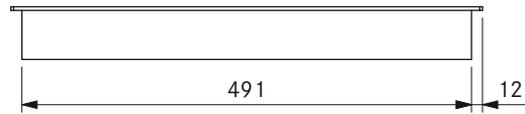
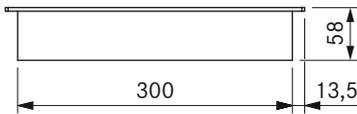
- BORA Classic air inlet nozzle CKAED
- BORA Classic grease filter unit incl. grease filter tray CKAFFE

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
- Fans can be positioned in the plinth area as a result of the low installation height (100 mm) (only when using the ULS plinth fan)
- 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
- 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	3.7 kW
Maximum power rating	3.7 kW
Minimum fuse protection	1 x 16 A
Power levels	1 – 9, P
Weight (incl. accessories/packaging)	7.9 kg
Surface material	SCHOTT CERAN®
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	327 x 515 x 58 mm
Front cooking zone dimensions	230 x 230 mm
Front cooking zone power	2100 W
Front cooking zone power setting	3700 W
Back cooking zone dimensions	230 x 230 mm
Back cooking zone power	2100 W
Back cooking zone power setting	3700 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

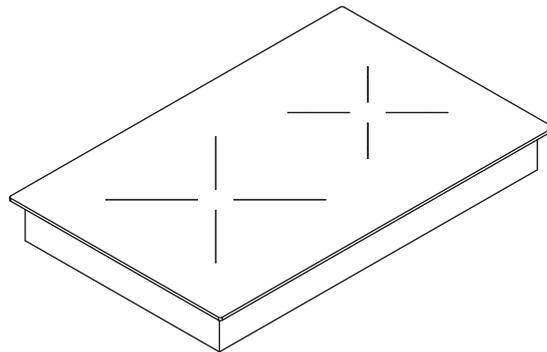
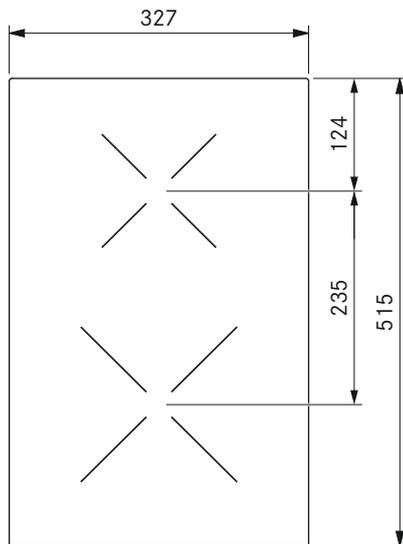
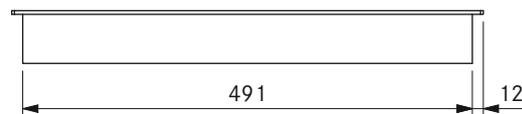
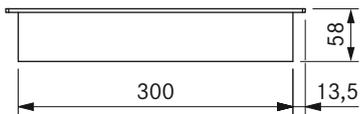
- Surface induction glass ceramic cooktop CKFI
- glass ceramic scraper
- mounting straps
- height adjustment plate set

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	3.7 kW
Maximum power rating	3.7 kW
Minimum fuse protection	1 x 16 A
Power levels	1 - 9, P
Weight (incl. accessories/packaging)	7.6 kg
Surface material	SCHOTT CERAN®
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	327 x 515 x 58 mm
Front cooking zone dimensions	Ø 230 mm
Front cooking zone power	2300 W
Front cooking zone power setting	3700 W
Back cooking zone dimensions	Ø 165 mm
Back cooking zone power	1400 W
Back cooking zone power setting	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

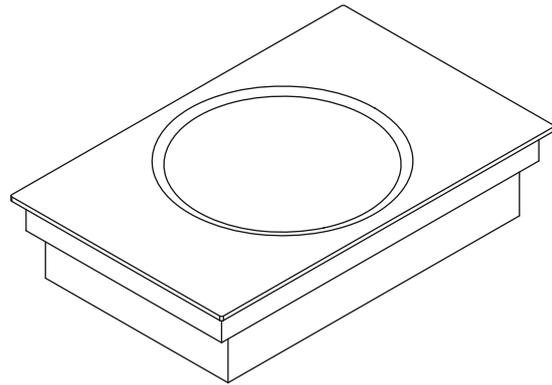
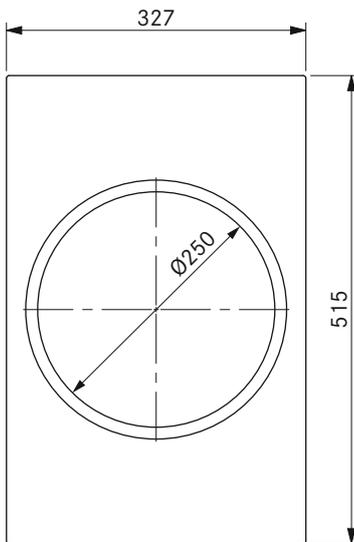
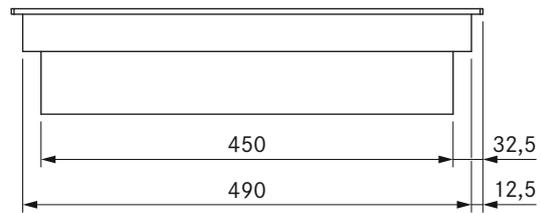
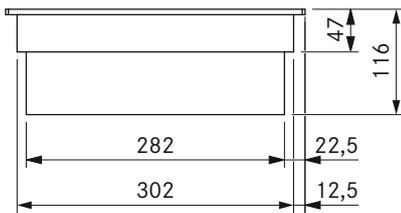
- Induction glass ceramic cooktop CKI
- glass ceramic scraper
- mounting straps
- height adjustment plate set

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.

CKIW

BORA Classic 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 levels	1 - 9, P
Weight (incl. accessories/packaging)	9.8 kg
Surface material	SCHOTT CERAN®
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	327 x 515 x 116 mm
Cooking zone size	Ø 250 mm
Cooking zone power	2400 W
Cooking zone power setting	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

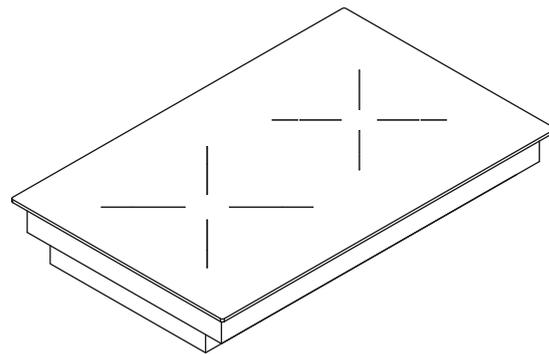
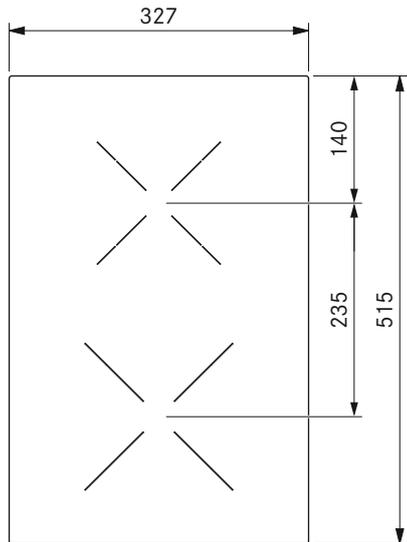
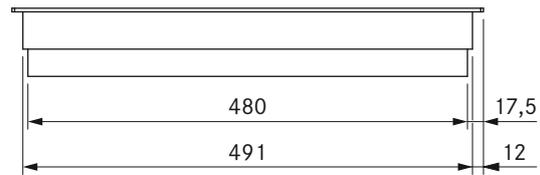
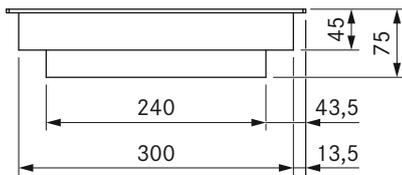
- HIW1 BORA induction wok

product- and planning instructions

- As a result of the height of 116 mm, the device cannot be installed over the exhaust air
- 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	3.7 kW
Maximum power rating	3.7 kW
Minimum fuse protection	1 x 16 A
Power levels	1 - 9, (switching 2-ring/Hyper)
Weight (incl. accessories/packaging)	7.2 kg
Surface material	SCHOTT CERAN®
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	327 x 515 x 75 mm
Front cooking zone dimensions	Ø 215 mm
Front cooking zone power	2100 W
Front cooking zone power setting	3000 W
Number of cooking zone circuits front	1
Back cooking zone dimensions	Ø 120/180 mm
Back cooking zone power	600 W/1600 W
Number of cooking zone circuits rear	2

Product description

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

Scope of delivery

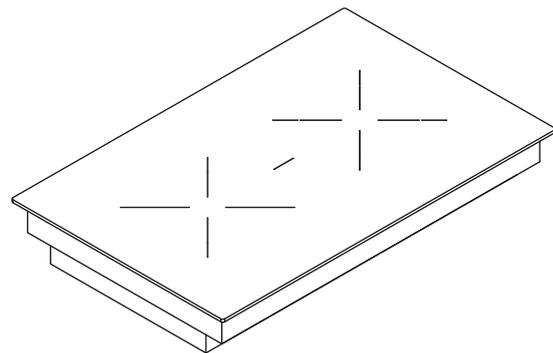
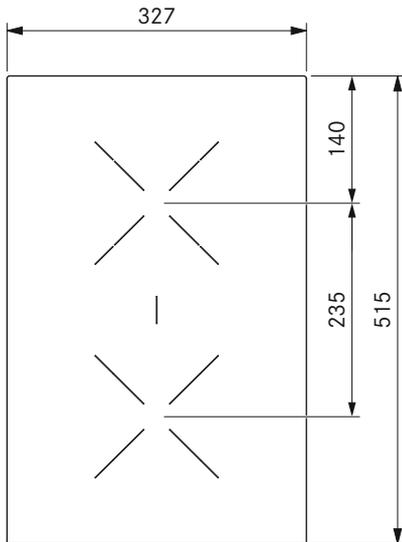
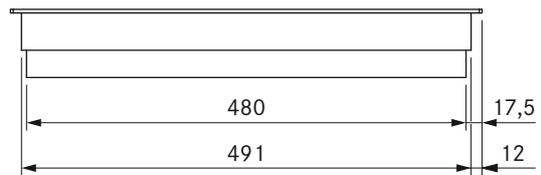
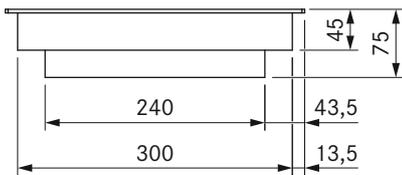
- Hyper glass ceramic cooktop CKCH
- glass ceramic scraper
- mounting straps
- height adjustment plate set

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	3.7 kW
Maximum power rating	3.7 kW
Minimum fuse protection	1 x 16 A
Power levels	1 - 9, (switching of 2-ring/roaster)
Weight (incl. accessories/packaging)	7.4 kg
Surface material	SCHOTT CERAN®
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	327 x 515 x 75 mm
Cooking zone size	Ø 180 x 410 mm
Cooking zone power	3700 kW
Front cooking zone dimensions	Ø 180 mm
Front cooking zone power	1600 W
Number of cooking zone circuits front	1
Back cooking zone dimensions	Ø 120/180 mm
Back cooking zone power	600 W/1600 W
Number of cooking zone circuits rear	2

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

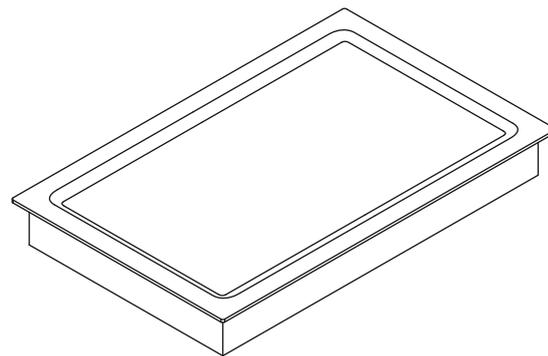
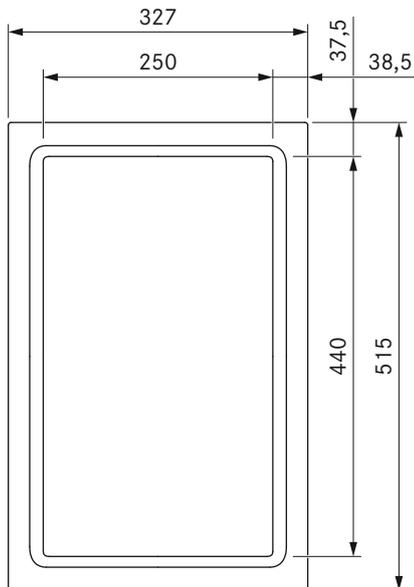
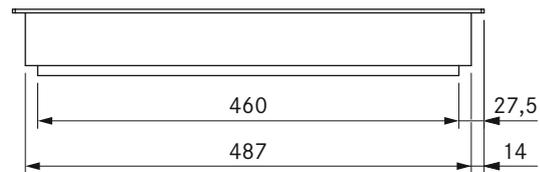
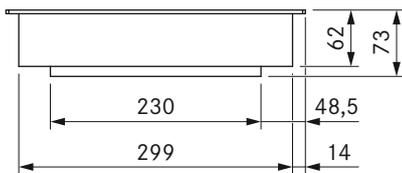
- HiLight glass ceramic cooktop CKCB
- glass ceramic scraper
- mounting straps
- height adjustment plate set

product- and planning instructions

- Ensure sufficient ventilation of the area below the cooktop.

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
Heat retention level	150 - 230°C, 250°C (1 - 9, P)
Temperature control range	70 - 250°C
Weight (incl. accessories/packaging)	13.6 kg
Surface material	Brushed stainless steel
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	327 x 515 x 73 mm
Cooking zone size	250 x 440 mm
Cooking zone power	3500 W
Front cooking zone dimensions	250 x 220 mm
Front cooking zone power	1750 W
Back cooking zone dimensions	250 x 220 mm
Back cooking zone power	1750 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

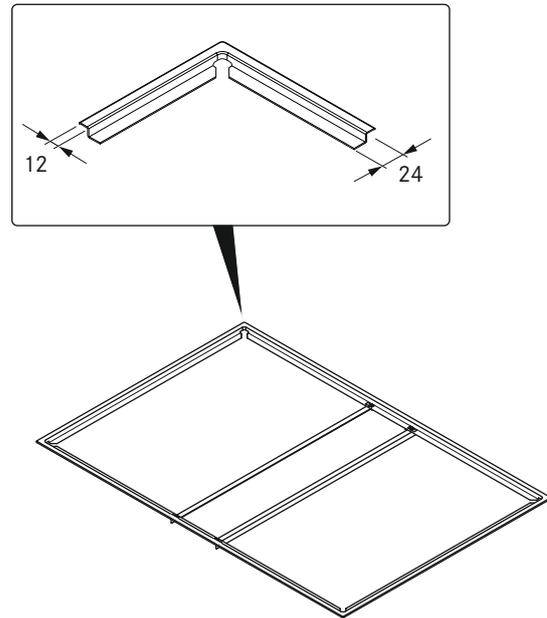
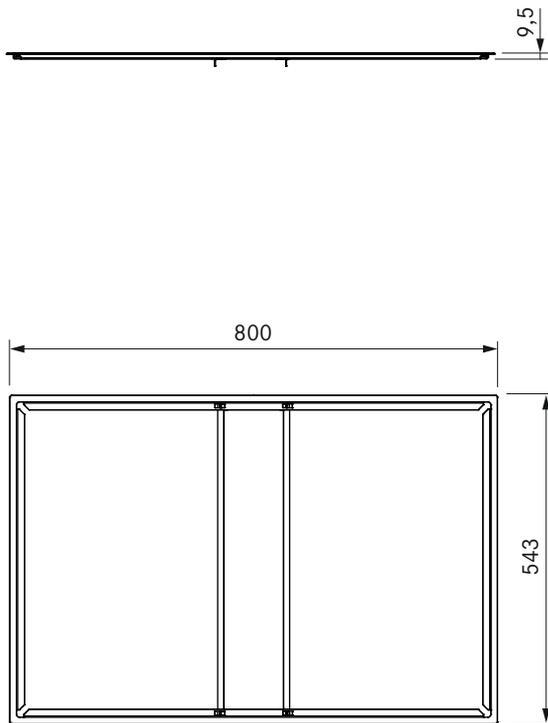
- PTTS1 Tepan scraper

product- and planning instructions

- Ensure sufficient ventilation of the area below the cooktop.

CER

BORA Classic inlay-frame

**technical data**

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

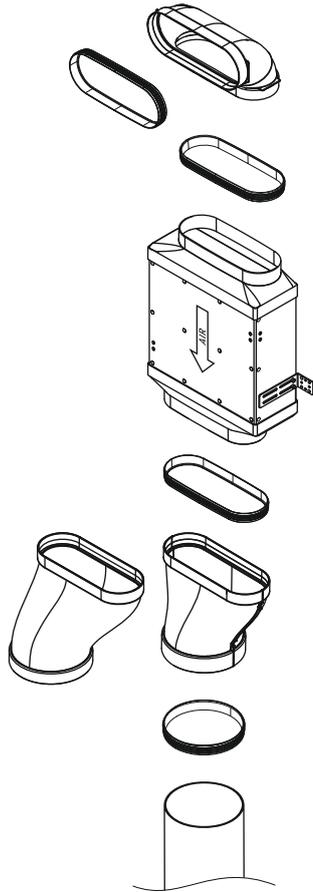
Product description

- Semi-flush installation
- matching accessories

CESDF

BORA CLASSIC 2.0
ACCESSORIES

BORA Classic 2.0 Ecotube set with USDF



Product description

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

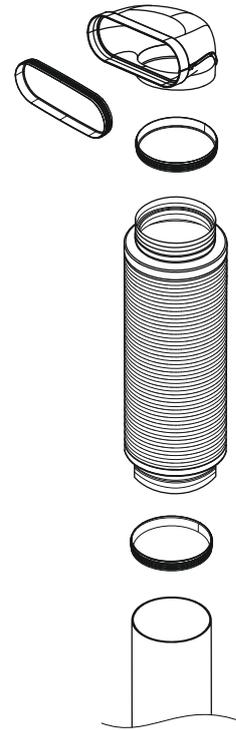
Scope of delivery

- 1 x EFBV90/1
- 1 x USDF
- 1 x EFRG/1
- 1 x EFRV110/1
- 1 x ER750/1

CESDR

BORA CLASSIC 2.0
ACCESSORIES

BORA Classic 2.0 Ecotube set with USDR50



Product description

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

Scope of delivery

- 1 x EFR90/1
- 1 x USDR50
- 1 x ER750/1

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 ₀)	< 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.

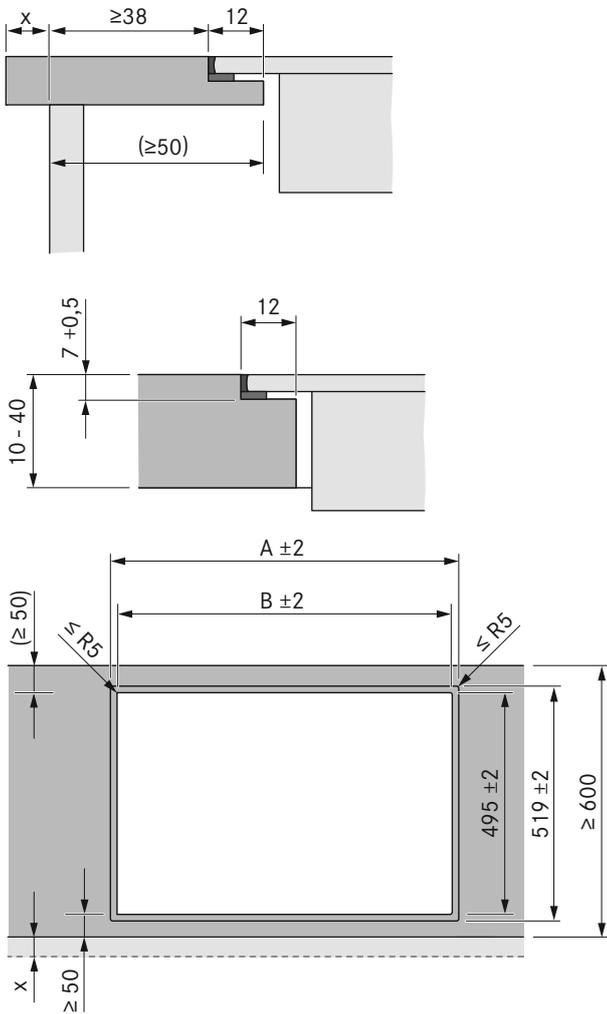
** The sound pressure level has been determined from a distance of 1 m (distance-dependent level recording) on the basis of the sound power level established in EN 60704 - 2 - 13.

Cut-out dimensions

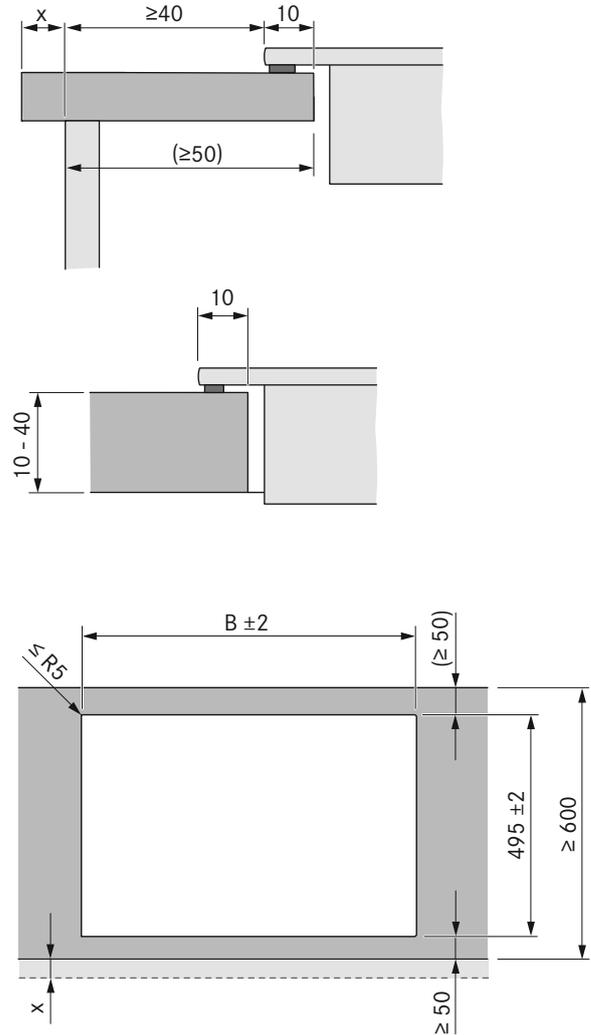
BORA Classic 2.0

CLASSIC

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

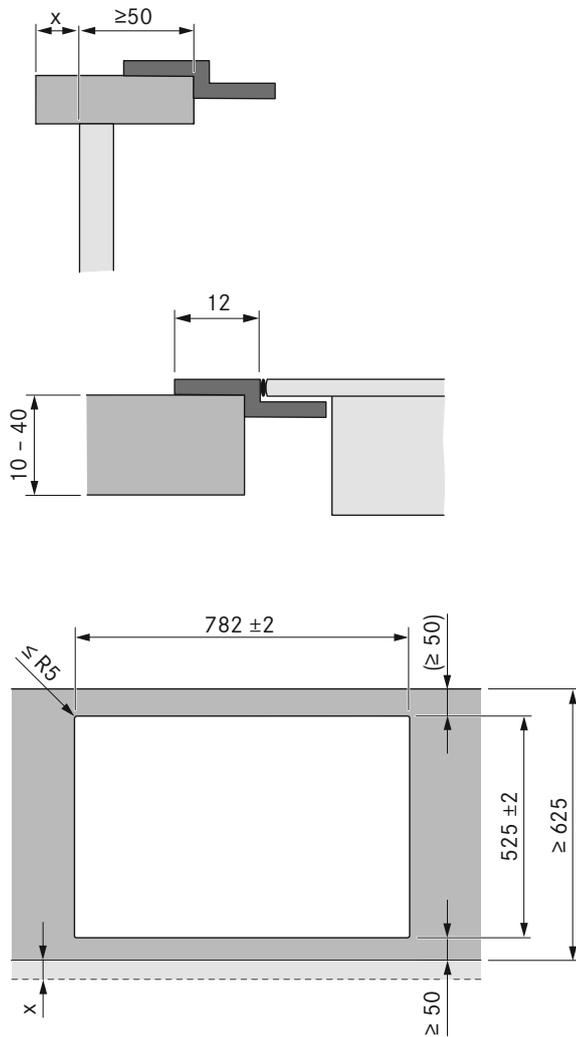
Important planning instructions:

- 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:

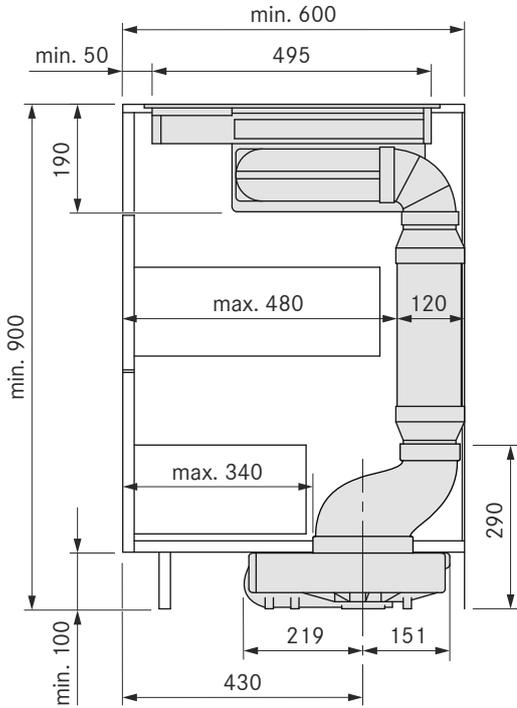
- All dimensions from the front edge of the front cover.
- Cut-out dimensions tolerance ± 2 mm.
- Clearance of 1 mm should be planned between the built-in appliances.
- Clearance of 1,5 mm should be planned around the built-in appliances.
- Please note the worktop manufacturer's instructions with regard 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

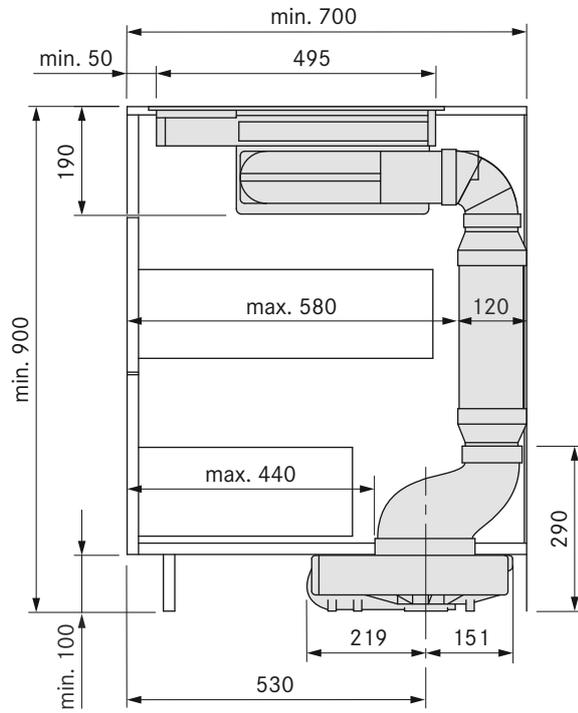
BORA Classic 2.0

CLASSIC

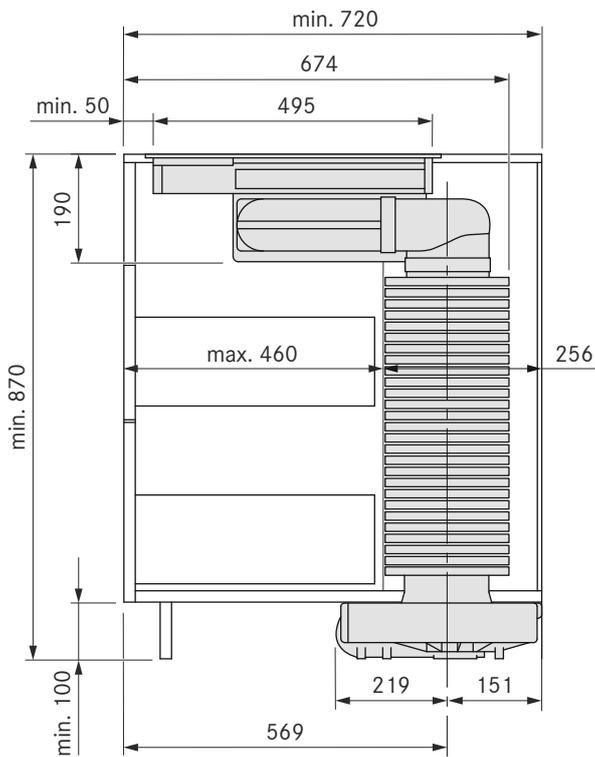
Installation cut-out CKA2 with shallow silencer USDF (600 mm):



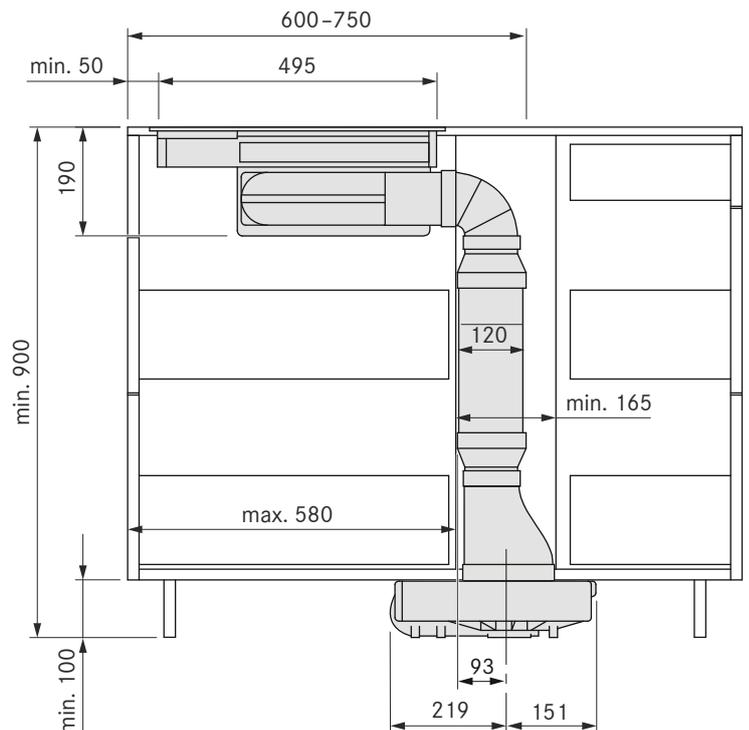
Installation cut-out CKA2 with shallow silencer USDF (700 mm):



Installation cut-out CKA2 mit round silencer USDR50:



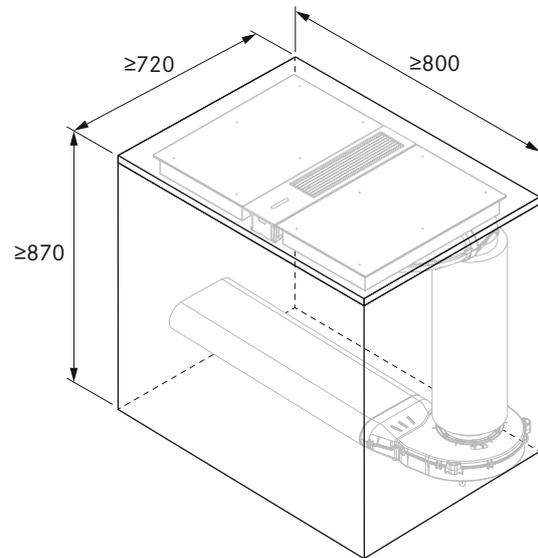
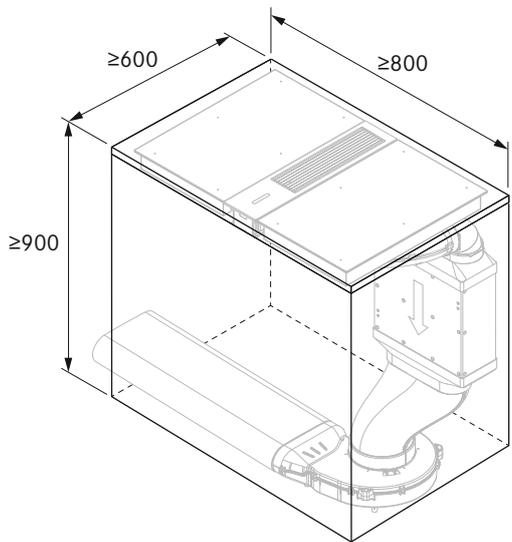
Installation cut-out CKA2 with shallow silencer USDF (kitchen island):



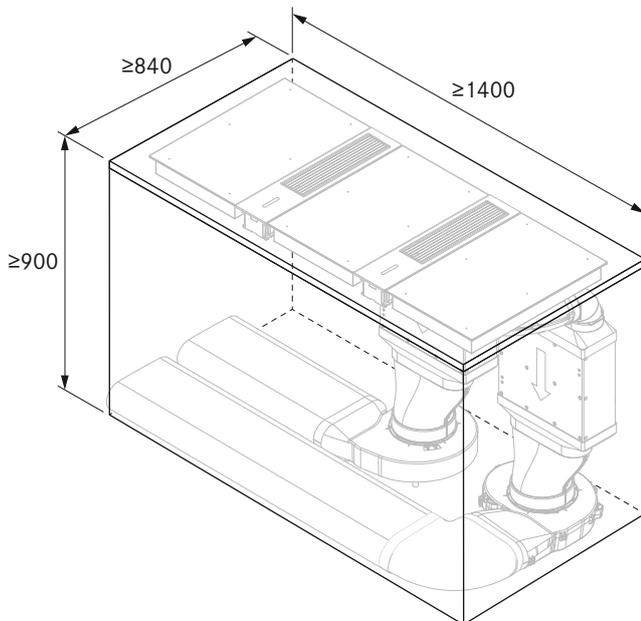
Minimum dimensions for installation

BORA Classic 2.0

CKA2:



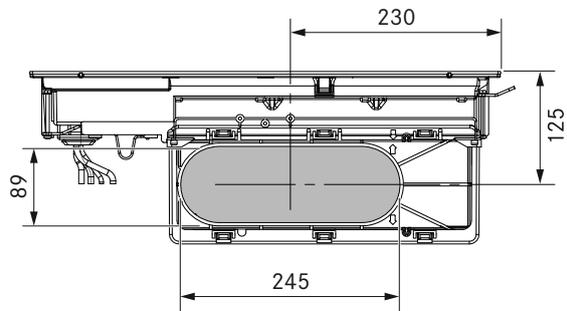
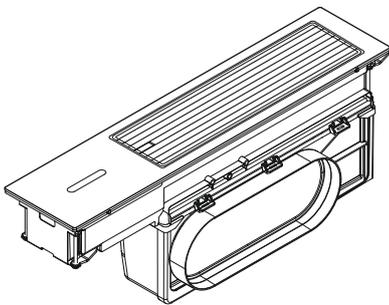
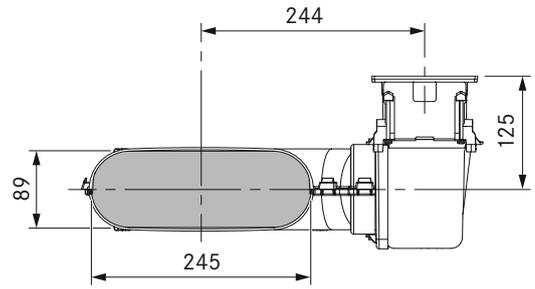
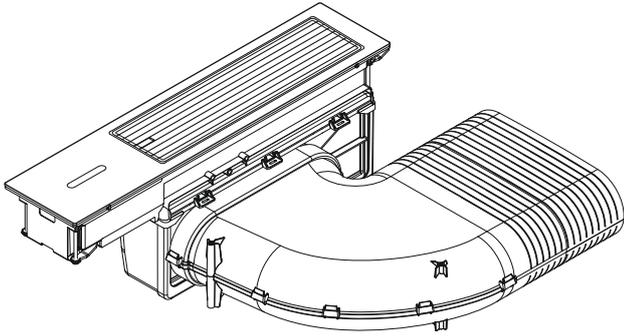
2x CKA2:



Duct connection dimensions

BORA Classic 2.0

CKA2

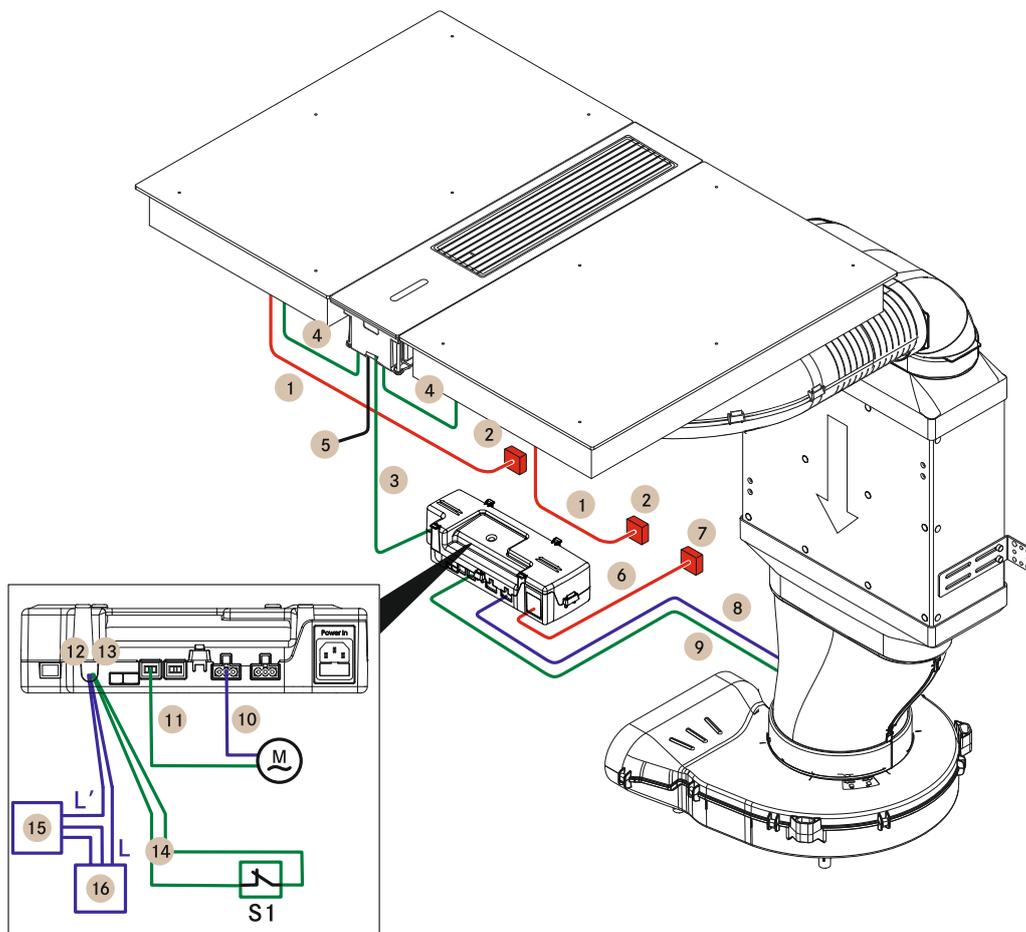


CLASSIC

Connection diagram

BORA Classic 2.0

BORA Classic cooktop extractor CKA2



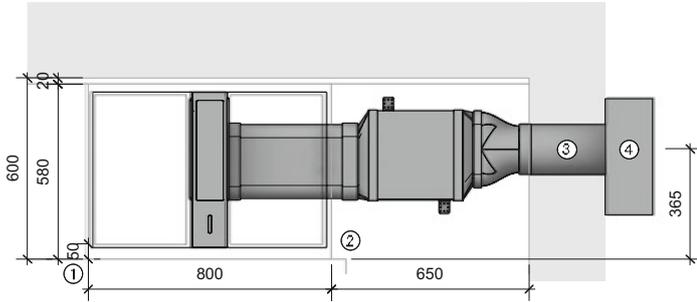
Position	Description	Note
1	Cooktop power supply cable	Length 1,5 m
2	Power supply per cooktop	L/N/PE min. fuse protection 1 x 16 A
3	CAT 5 communication cable	Length 3 m
4	CAT 5 communication cable	
5	USB-Port	Only for updates or data export
6	Control unit power supply cable	Length 1 m
7	Control unit 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
12	Home-Out connection	Maximum 250 VAC/30 VDC, 5 A
13	Home-In connection	12V DC / 100 mA
14	Connection cable Home-In	Max. length 10 m
15	External device	E.g. electrically operated wall sleeve
16	Power supply for external device	-
M	Fan 2	
S1	External switch contact	E.g. window contact switch for operating in exhaust mode with flues/fireplaces

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.

Sample designs

Classic 2.0

CKA2 – exhaust-air variant for kitchen counters MP_5031 – with external wall fan ULA, shallow silencer USDF and airflow to the right under the worktop



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Technology
- ③ Core drill hole diameter at least 180 mm
- ④ Must be able to freely blow out 400 mm from underneath

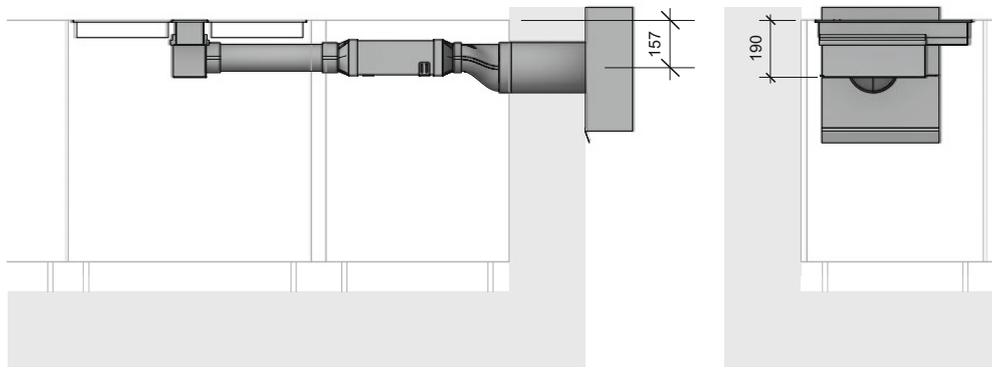
Article BORA

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

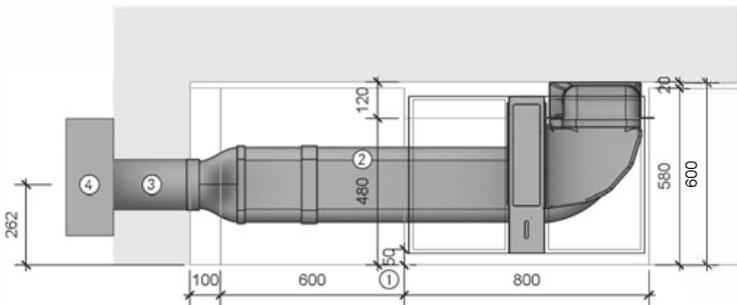
Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply



CKA2 – exhaust-air variant for kitchen counters MP_5106 – with external wall fan ULA, shallow silencer USDF and airflow to the left in the plinth



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Core drill hole diameter at least 180 mm
- ④ Must be able to freely blow out 400 mm from underneath

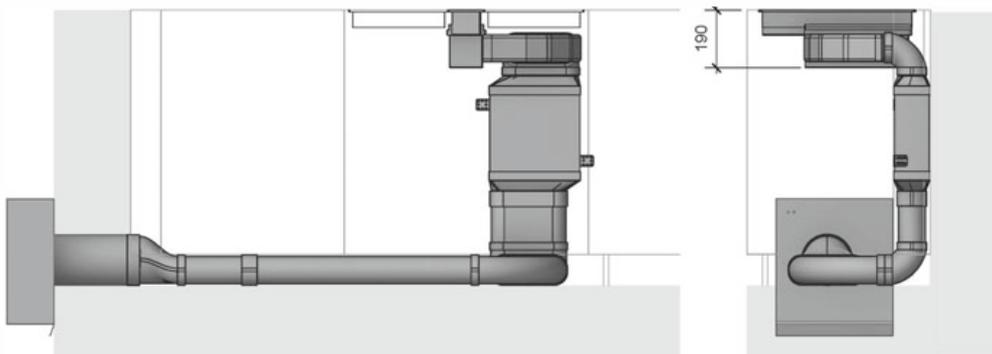
Article BORA

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

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

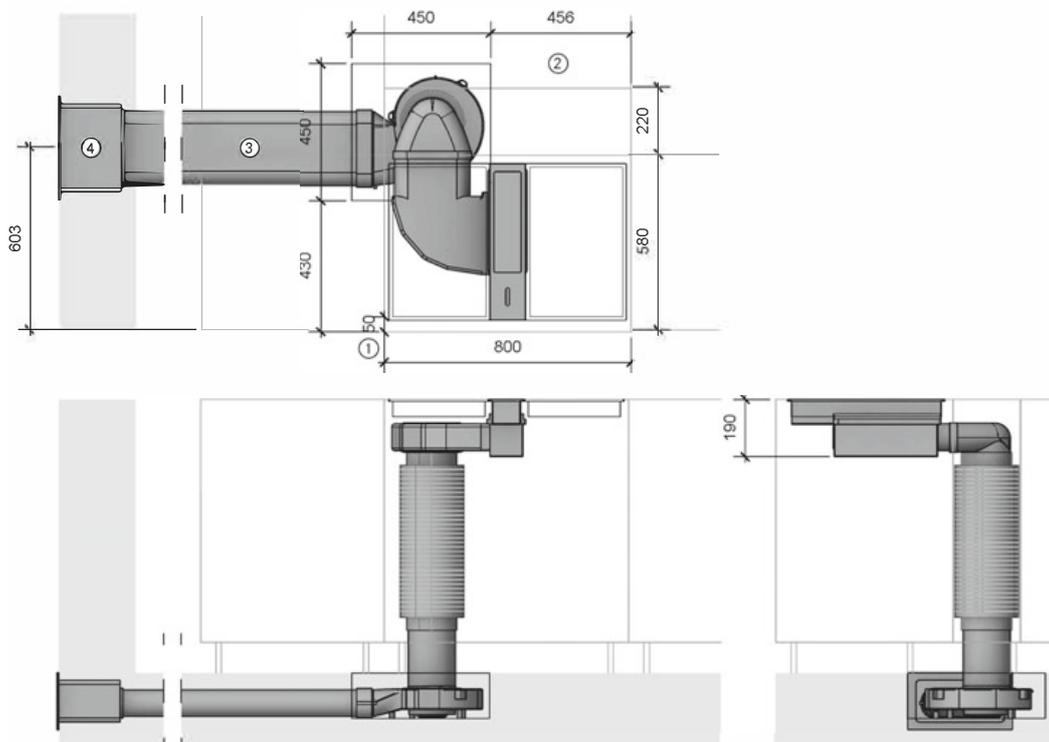


Further sample designs at <https://partner.bora.com>

Sample designs

Classic 2.0

CKA2 – exhaust-air variant for kitchen islands MP_5272 – with plinth fan ULS, round silencer USDR50 and airflow to the left in the floor structure



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Reinforcement must be provided for the laying of ducts in the floor structure
- ④ Wall opening 310 x 155 mm, after lower edge until middle opening 81 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

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

Article BORA Ecotube

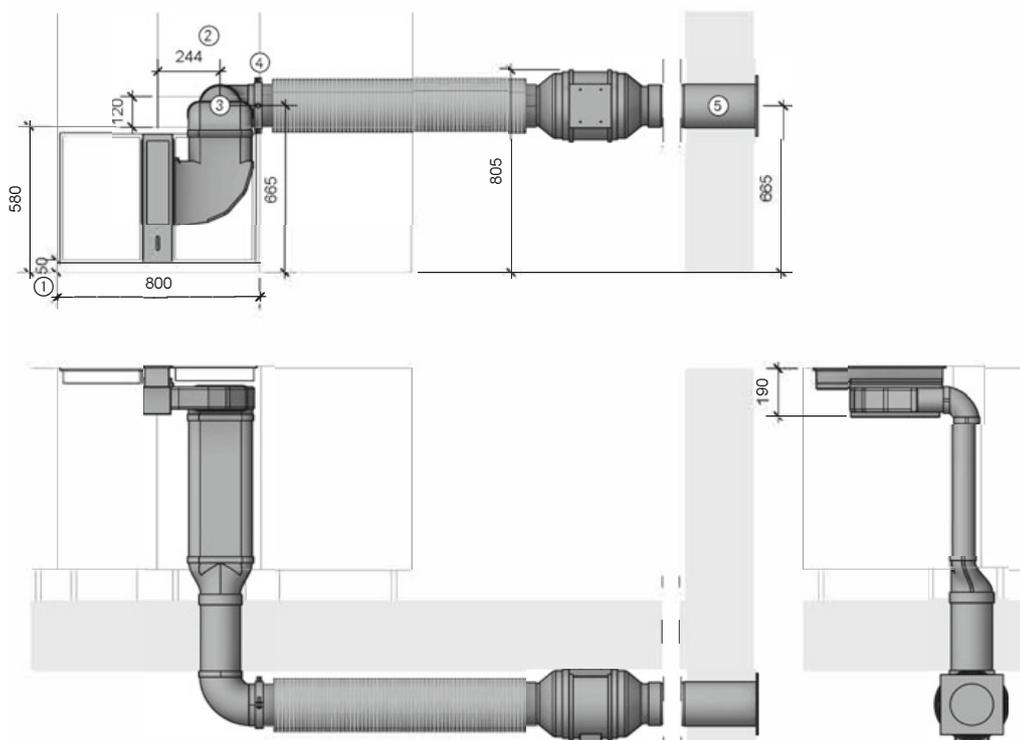
- 1 UEBF/1 3box wall sleeve

Article BORA Ecotube as required

- EFV/1 duct connection flat
- EF750/1 shallow duct 750 mm

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

CKA2 – exhaust-air variant for kitchen islands MP_5358 – with duct fan ULI, round silencer USDR100 with airflow to the right in the cellar



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Core drill hole diameter at least 180 mm
- ④ Pro 1 m duct recommended use of a mounting bracket set
- ⑤ Core drill hole diameter at least 180 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

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

Article BORA Ecotube

- 1 EFBV90/1 90° bend flat vertical
- 1 EFRG/1 transition flat 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

Article BORA Ecotube as required

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

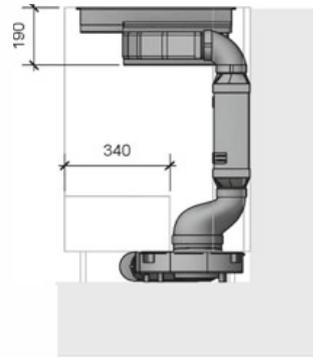
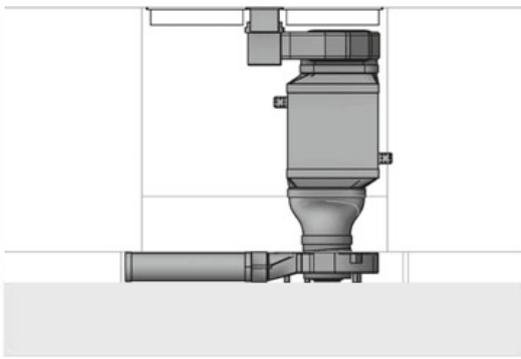
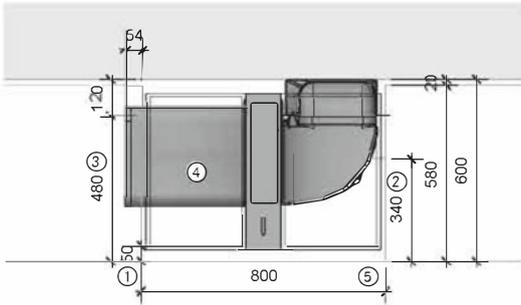
Further sample designs at <https://partner.bora.com>

Sample designs

Classic 2.0

CKA2 - recirculation variant for kitchen counters

MP_5800 – with plinth fan ULS, shallow silencer USDF and air purification box ULB1



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Undermost drawer must be shortened
- ③ Body must be shortened
- ④ Air purification box must be accessible
- ⑤ Provide a return opening of at least 500 cm² per air purification box

Article BORA

- 1 CKA2 Classic cooktop extractor
- 1 ULS plinth fan EC
- 1 CESDF Classic Set with USDF
- 1 ULB1 Air purification box Ecotube

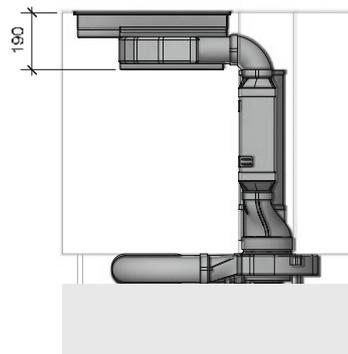
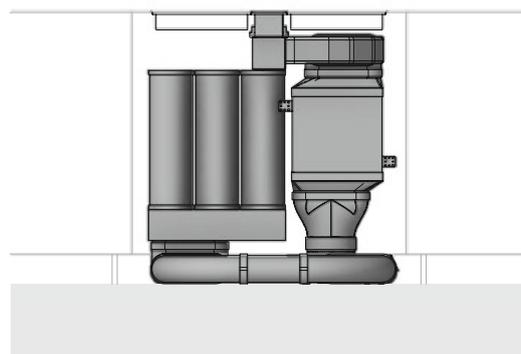
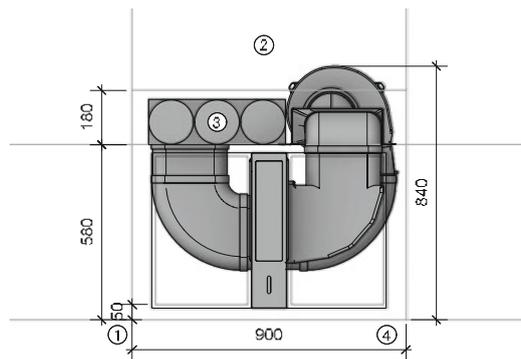
Article BORA Ecotube

- 1 EFV/1 duct connection flat

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

CKA2 - recirculation variant for kitchen islands

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



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Air purification box must be accessible
- ④ Provide a return opening of at least 500 cm² per air purification box

Article BORA

- 1 CKA2 Classic cooktop extractor
- 1 ULS plinth fan EC
- 1 CESDF Classic Set with USDF
- 1 ULB3 Air purification box with 3 activated charcoal filter cartridges

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

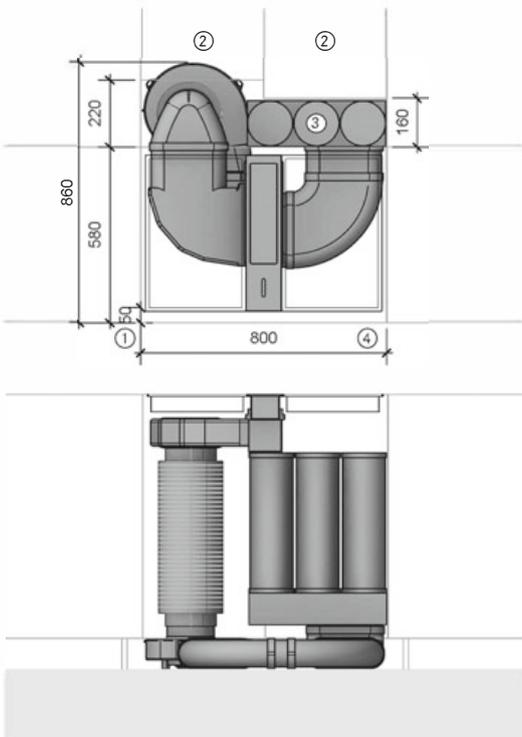
Further sample designs at <https://partner.bora.com>

Sample designs

Classic 2.0

CKA2 - recirculation variant for kitchen islands

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



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Air purification box must be accessible
- ④ Provide a return opening of at least 500 cm² per air purification box

Article BORA

- 1 CKA2 Classic cooktop extractor
- 1 ULS plinth fan EC
- 1 CESDR Classic Ecotube Set with USDR50
- 1 ULB3 Air purification box with 3 activated charcoal filter cartridges

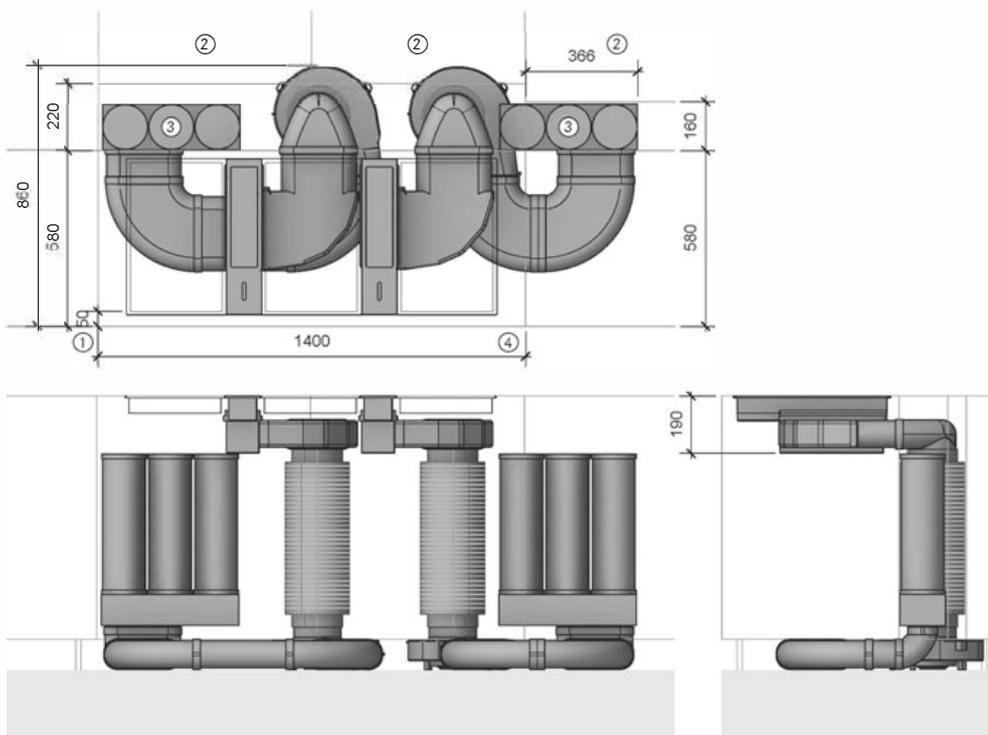
Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

CKA2 - double recirculation variant for kitchen islands

MP_5888 – with plinth fan ULS, round silencer USDR50 and air purification box ULB3



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Air purification box must be accessible
- ④ Provide a return opening of at least 500 cm² per air purification box

Article BORA

- 2 CKA2 Classic cooktop extractor
- 2 ULS plinth fan EC
- 2 CESDR Classic Set with USDR50
- 2 ULB3 Air purification box with 3 activated charcoal filter cartridges

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

Further sample designs at <https://partner.bora.com>

BORA Classic Highlights

Minimalistic design

Due to the completely flush installation of the extractor and cooktops as well as its minimalist design, the system integrates seamlessly into the modern kitchen architecture.

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

Due to the low device height, the flat design of the silencer and duct and the fan installed in the kitchen plinth, maximum storage space is maintained in the floor unit for pots and other kitchen utensils.

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.

childproofing feature

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

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.

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.

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.

Maximum energy efficiency

Thanks to the use of state-of-the-art fan technology, the system achieves very low energy consumption with energy efficiency class A++ despite its high extraction performance.

Home In/Home Out interface

The Home In/Home Out interfaces can be used for advanced control options. This enables multiple cooking and extraction technologies such as window contact switches, low-pressure monitors, additional fans in the case of long, complex exhaust ducts or domestic ventilation controls to be simply and easily controlled without any additional effort.



CKASE

BORA Classic cooktop extractor system



CFI11

BORA Classic surface induction glass ceramic cooktop with 2 cooking zones



CI11

BORA Classic induction glass ceramic cooktop with 2 cooking zones



CIW1

BORA Classic induction glass ceramic wok



CG11

BORA Classic gas glass ceramic cooktop with 2 cooking zones



CT1

BORA Classic Tepan stainless steel grill



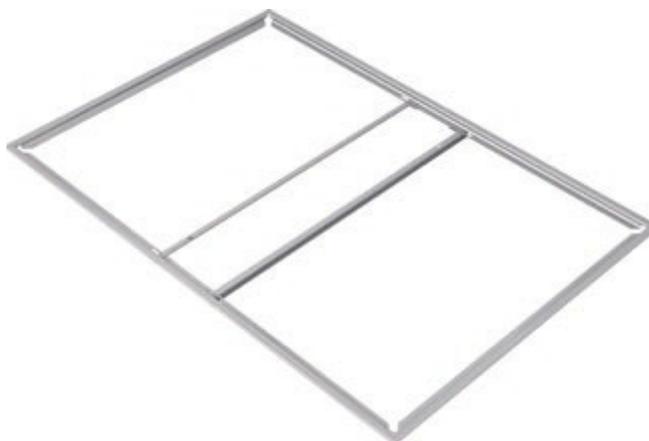
CCH1

BORA Classic Hyper glass ceramic cooktop with 2 cooking zones



CKAEG

BORA Classic inlet grille



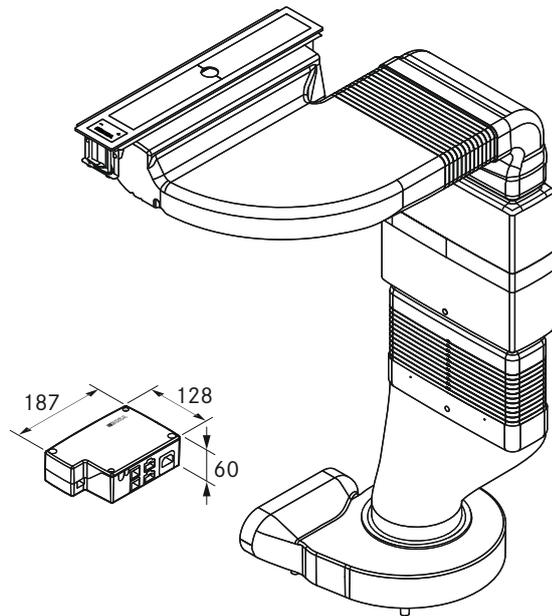
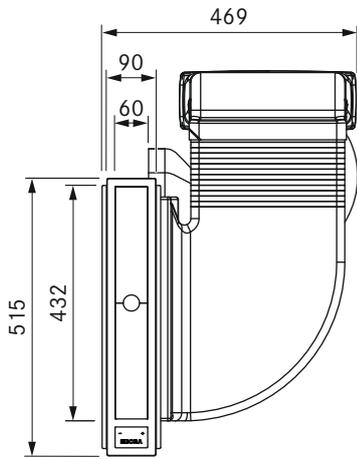
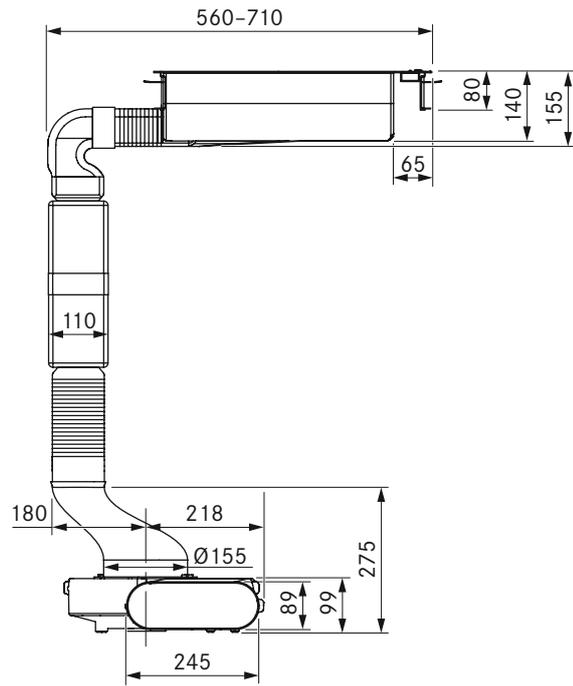
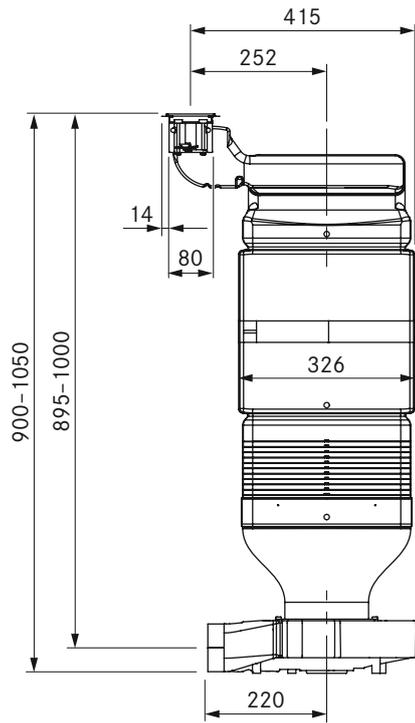
CER

BORA Classic inlay-frame

CKASE

BORA Classic cooktop extractor system

CLASSIC



technical data

Power levels	1 - 5
Connection on the exhaust side	BORA Ecotube
Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	170 W
Fuse protection (internal)	3.15 A
Power supply cable	1 m
Dimensions (WxDxH)	90 x 515 x 140 mm
Weight (incl. accessories/packaging)	11.0 kg
Surface material	Polished stainless steel

Product description

- Minimalistic design
- Minimum volume
- Simple cleaning
- Genuine stainless steel grease filter
- Maximum storage space
- Compact size
- Modular system
- Maximum energy efficiency
- Energy-saving fans
- Home In/Home Out interface

Scope of delivery

- CKASE cooktop extractor system (cooktop extractor with electronic controls, stainless steel grease filter, substructure module, protective grid, silence module, curved and straight transition pieces and 2 cover plates)
- ULS plinth fan
- CSEE Classic control unit
- CAT 5 communication cable
- Sealing tape for the cooktop extractor
- sealing tape
- height adjustment plate set
- operating and installation instructions
- Power supply cable with type E + F plugs

Accessories

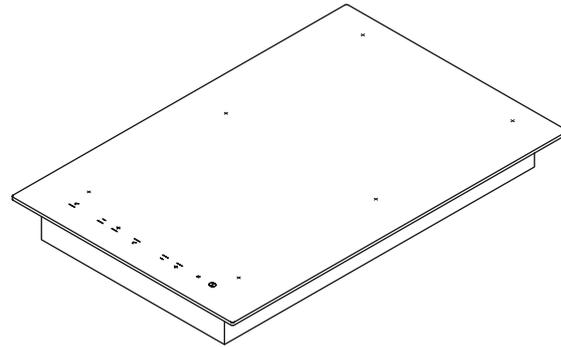
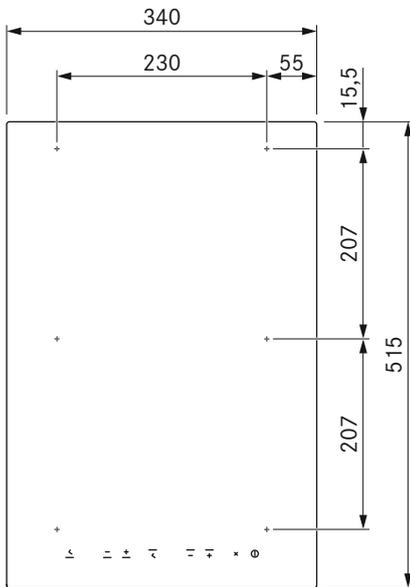
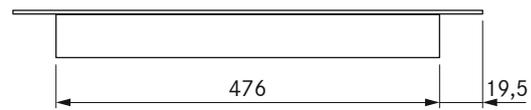
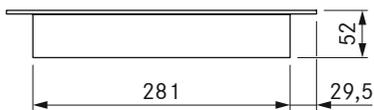
- CKAAB0 cover plate
- CKAEG air inlet grille
- UEF stainless steel grease filter
- UFH ferrite sleeve set
- UNLI type I power supply cable (AUS)
- UNLJ type J power supply cable (CH)
- UNLG type G power supply cable (GB-IE)

product- and planning instructions

- Can be combined with all BORA Classic cooktops
- The worktop height and depth can be flexibly adjusted
- The cooktop extractor system can be installed in a carcass depth of 600 mm
- Exhaust ducting only possible to the right
- Installation type: flush or surface-mounted
- Fan can be positioned in the plinth area as a result of the low installation height (100 mm)
- The Classic control unit can be simply and compactly positioned in the plinth area as the central connection point
- The touch control and Classic control unit are connected via a CAT 5 communication cable
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- In case of an exhaust channel of more than 6 m in length or significant pressure losses, the plinth fan must be supplemented with a BORA ULIE additional duct fan
- The BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- The Classic cooktop extractor system can be combined with USTF, USTE, USTJ, USTG and USTL sockets
- Lowest installation dimensions - depth of 600 mm from the front edge

CFI11

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	3.7 kW
Maximum power rating	3.7 kW
Minimum fuse protection	1 x 16 A
Power levels	1 - 9, P
Weight (incl. accessories/packaging)	7.2 kg
Surface material	SCHOTT CERAN®
Back cooking zone dimensions	230 x 207 mm
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	340 x 515 x 52 mm
Front cooking zone dimensions	230 x 207 mm
Front cooking zone power	2100 W
Back cooking zone power	2100 W
Front cooking zone power setting	3700 W
Back cooking zone power setting	3700 W

Product description

- Minimalistic design
- Flexible surface induction
- Compact size
- Modular system
- warming function
- childproofing feature
- bridging function
- Cooking zone timers
- Pause function
- automatic heat up function

Scope of delivery

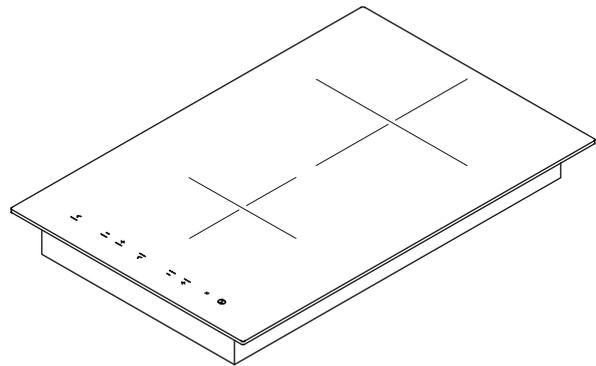
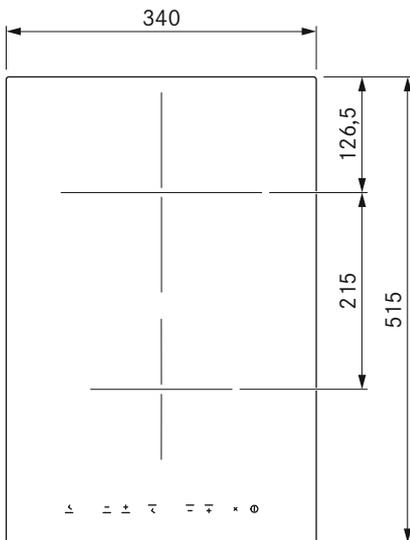
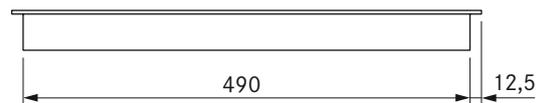
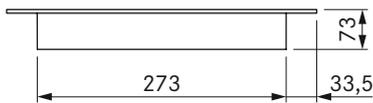
- CFI11 surface induction glass ceramic cooktop
- mounting straps
- sealing tape
- glass ceramic scraper
- height adjustment plate set
- operating and installation instructions

product- and planning instructions

- Please note that induction-compatible cookware must be used on induction cooktops
- Make sure that the area below the induction cooktop is sufficiently ventilated - opening cross-section > 50 cm²

CI11

BORA Classic induction glass ceramic cooktop with 2 cooking zones



technical data

Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	3.7 kW
Maximum power rating	3.7 kW
Minimum fuse protection	1 x 16 A
Power levels	1 - 9, P
Weight (incl. accessories/packaging)	8 kg
Surface material	SCHOTT CERAN®
Back cooking zone dimensions	Ø 220 mm
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	340 x 515 x 73 mm
Front cooking zone dimensions	Ø 155 mm
Front cooking zone power	1200 W
Back cooking zone power	2000 W
Front cooking zone power setting	1400 W
Back cooking zone power setting	2300 W

Product description

- Minimalistic design
- Compact size
- Modular system
- warming function
- childproofing feature
- Cooking zone timers
- Pause function
- automatic heat up function
- pan size recognition
- residual heat display

Scope of delivery

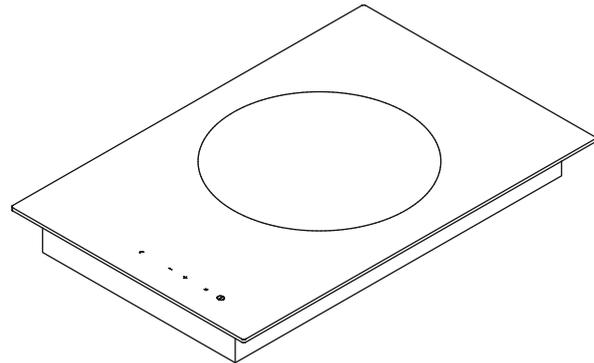
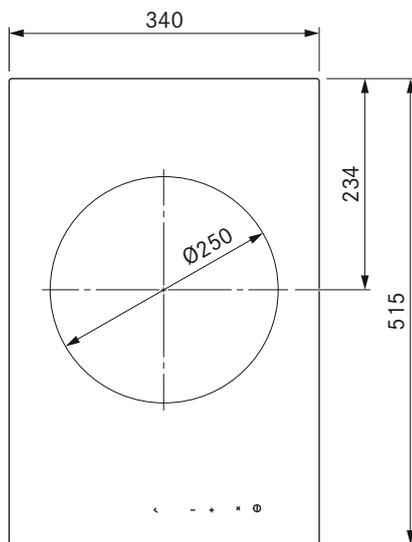
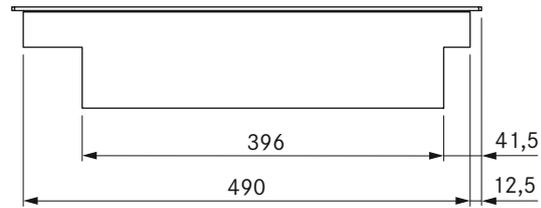
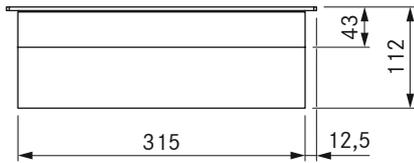
- CI11 induction glass ceramic cooktop
- mounting straps
- sealing tape
- glass ceramic scraper
- height adjustment plate set
- operating and installation instructions

product- and planning instructions

- Please note that induction-compatible cookware must be used on induction cooktops
- Make sure that the area below the induction cooktop is sufficiently ventilated - opening cross-section > 50 cm²

CIW1

BORA Classic 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 levels	1 - 9, P
Cooking zone size	Ø 250 mm
Weight (incl. accessories/packaging)	9.0 kg
Cooking zone power	2400 W
Surface material	SCHOTT CERAN®
Cooking zone power setting	3000 W
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	340 x 515 x 112 mm

Product description

- Minimalistic design
- Compact size
- Modular system
- childproofing feature
- Cooking zone timers
- Pause function
- automatic heat up function
- pan size recognition
- Increased resistance against breakage
- residual heat display

Scope of delivery

- CIW1 induction glass ceramic wok cooktop
- mounting straps
- sealing tape
- glass ceramic scraper
- height adjustment plate set
- operating and installation instructions

Accessories

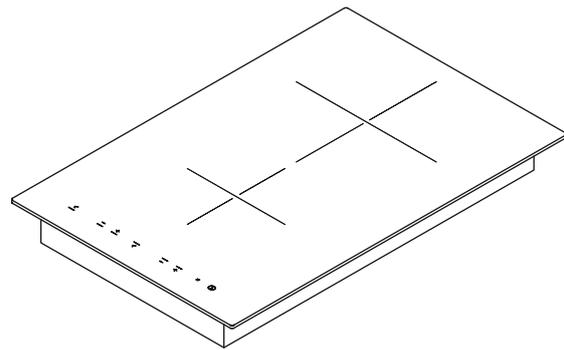
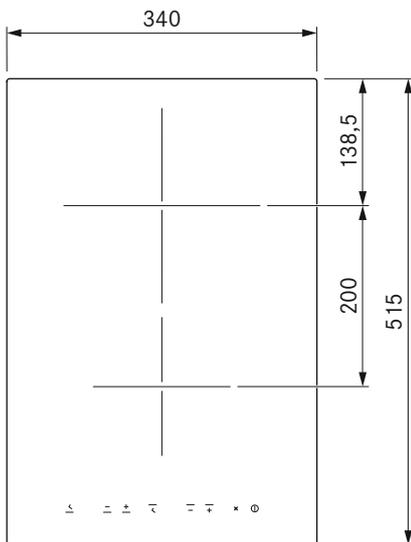
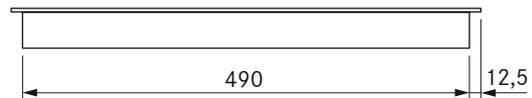
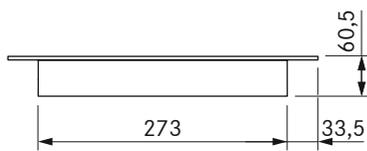
- HIW1 induction wok, Controlinduc®, stainless steel, Ø 360 mm

product- and planning instructions

- If the CIW1 induction glass ceramic wok cooktop is used, the groove dimensions must be increased to 7 mm for flush installation.
- The installation height of 112 mm means that the device cannot be installed over the exhaust ducting. Installation is therefore only possible to the left of the extractor.
- Glass ceramic mould: Diameter 250 mm
- A wok must be used that loses its magnetic properties when the temperature rises (overheating protection). We recommend using the BORA induction wok.
- Make sure that the area below the induction cooktop is sufficiently ventilated – opening cross-section > 50 cm²

CCH1

BORA Classic Hyper glass ceramic cooktop with 2 cooking zones



technical data

Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	3.3 kW
Maximum power rating	3.3 kW
Minimum fuse protection	1 x 16 A
Power levels	1 - 9, HY
Weight (incl. accessories/packaging)	6.3 kg
Surface material	SCHOTT CERAN®
Back cooking zone dimensions	Ø 215 mm
Power supply cable	1.5 m (L, N, PE)
Dimensions (WxDxH)	340 x 515 x 60.5 mm
Front cooking zone dimensions	Ø 150 mm
Front cooking zone power	1200 W
Back cooking zone power	2100 W
Back cooking zone power setting	3000 W

Product description

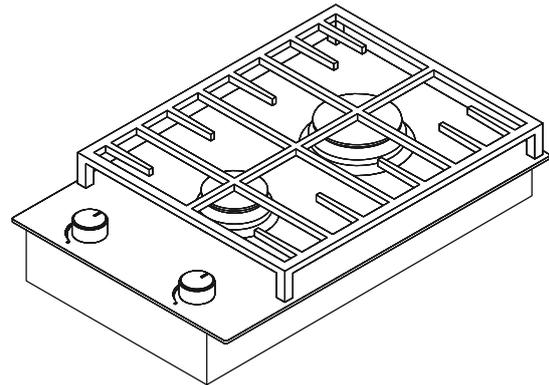
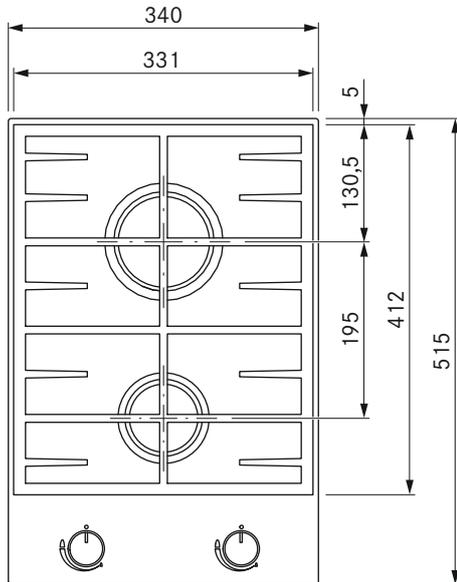
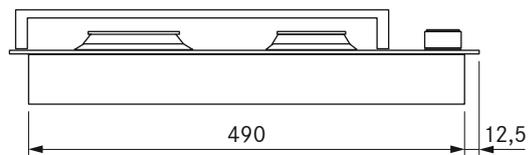
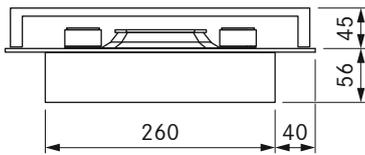
- Minimalistic design
- Super fast parboiling
- Compact size
- Modular system
- warming function
- childproofing feature
- Cooking zone timers
- Pause function
- automatic heat up function
- residual heat display

Scope of delivery

- CCH1 Hyper glass ceramic cooktop
- mounting straps
- sealing tape
- glass ceramic scraper
- height adjustment plate set
- operating and installation instructions

CG11

BORA Classic gas glass ceramic cooktop with 2 cooking zones



technical data

Maximum gas cooktop power	3,9 kW
Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	3.9 kW
Maximum power rating	1.1 W
Minimum fuse protection	1 x 0.5 A
Power levels	Freely adjustable
Weight (incl. accessories/packaging)	9.7 kg
Surface material	SCHOTT CERAN®
Power supply cable	1 m, Schuko plug types E + F
high-power burner	2900 W
Dimensions (WxDxH)	340 x 515 x 56 mm

Product description

- Compact size
- Minimalistic design
- Modular system
- 2-flame gas cooktop
- Dishwasher-safe pan supports
- Easy installation
- Different installation options
- Top-quality design
- Extended warranty free of charge
- Gas safety function

Scope of delivery

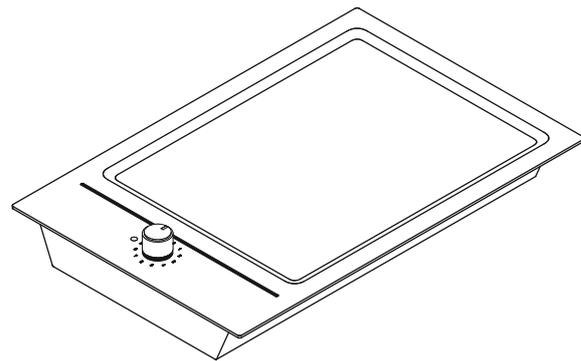
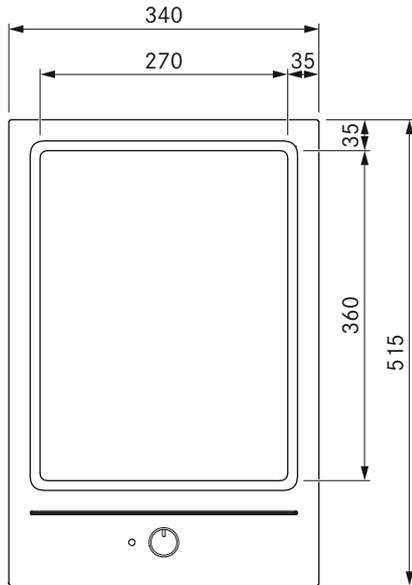
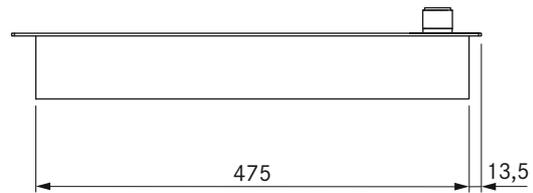
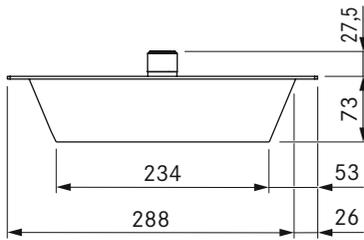
- CG11 gas glass ceramic cooktop
- Brushed stainless steel knob
- mounting straps
- sealing tape
- Flexible gas connection for simple installation, length 500 mm, 1/2" outer thread
- glass ceramic scraper
- height adjustment plate set
- operating and installation instructions

product- and planning instructions

- The CKAEG air inlet grille cannot be combined with the gas cooktop
- Please note the local regulations and connection requirements applicable to gas cooktops!
- When combining two CG11 gas glass ceramic cooktops and a CKASE cooktop extractor, two CKAABO cover plates must be additionally ordered as an air baffle.

CT1

BORA Classic Tepan stainless steel grill

**technical data**

Supply voltage	220 - 240 V
Temperature control range	Approx. 90 - 240°C
Frequency	50/60 Hz
Maximum power consumption	2.8 kW
Maximum power rating	2.8 kW
Minimum fuse protection	1 x 13 A
Power levels	1 - 9, freely adjustable
Cooking zone size	270 x 360 mm
Weight (incl. accessories/packaging)	12 kg
Cooking zone power	2800 W
Surface material	Brushed stainless steel
Power supply cable	2 m (L, N, PE)
Dimensions (WxDxH)	340 x 515 x 73 mm

Product description

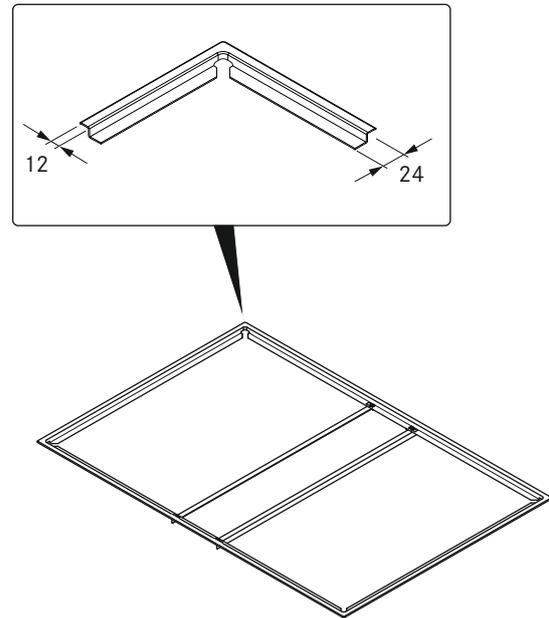
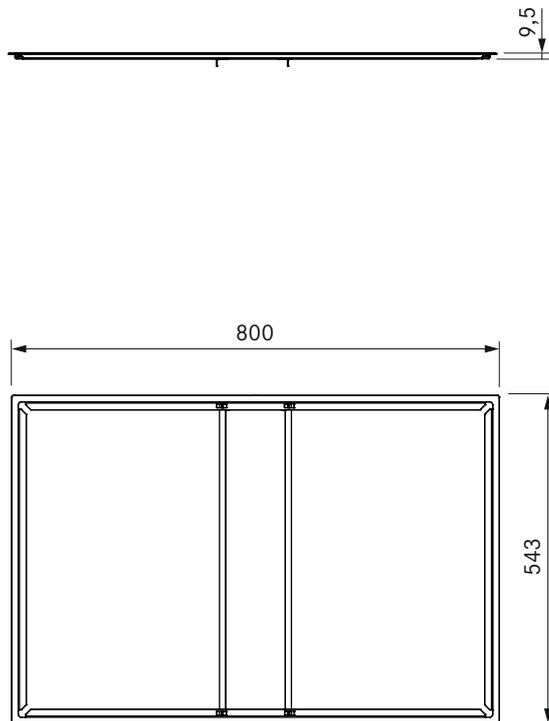
- Minimalistic design
- Rapid heating
- Large stainless steel grill area
- Designed for optimum cleaning
- Compact size
- Modular system
- Operation via control knobs
- Easy installation
- Different installation options
- Top-quality design

Scope of delivery

- CT1 Tepan stainless steel grill
- mounting straps
- Brushed stainless steel knob
- PTTS1 Tepan scraper
- sealing tape
- height adjustment plate set
- operating and installation instructions

CER

BORA Classic inlay-frame

**technical data**

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

Product description

- Semi-flush installation
- matching accessories

Energy efficiency

CKASE BORA Classic cooktop extractor system

Product description

Classic cooktop extractor system with ULS plinth fan	CKASE	
Operating mode	Exhaust air	
Energy consumption	Value	EN standard
Annual energy consumption (AEC _{hood})	24 kWh/a	61591
Energy efficiency class	A++	61591
Flow volume		
Fluid dynamic efficiency (FDE _{hood})	38.4	61591
Fluid dynamic efficiency class	A	61591
Lighting		
Lighting efficiency (LE _{hood})	* lx / Watt	*
Lighting efficiency class	*	*
Grease filtering		
Level 5 maximum (GFE _{hood})	47%	61591
Class level 5 normal	F	61591
Flow volume		
Air flow level 1 minimum	224 m ³ /h	61591
Air flow level 5 maximum (Q _{Max})	609 m ³ /h	61591
Sound power level		
Level 1 minimum	46 dB (A)	60704-2-13
Level 5 maximum	67 dB (A)	60704-2-13
Sound pressure level (additional details)		
Level 1 minimum	33 dB (A)	**
Level 5 maximum	55 dB (A)	**
Details according to 66/2014		
Power consumption in off mode (P _O)	< 0.5 W	61591
Time increase factor	0.6	61591
Energy efficiency index (EEI _{hood})	31.7	61591
Air volume flow at the best efficiency point (Q _{BEP})	280.8 m ³ /h	61591
Pressure at the best efficiency point (P _{BEP})	536 Pa	61591
Electric power input at the best efficiency point (W _{BEP})	109 W	61591

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

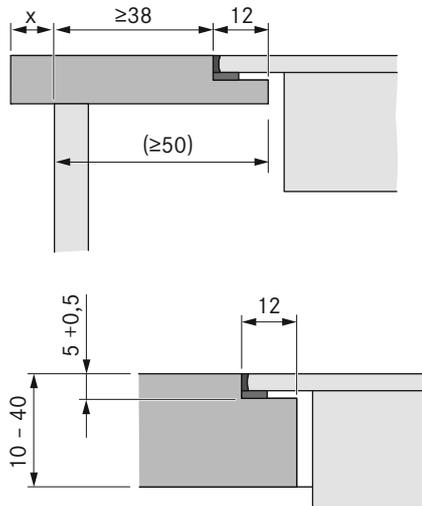
* This specification is not applicable for this product.

** 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.

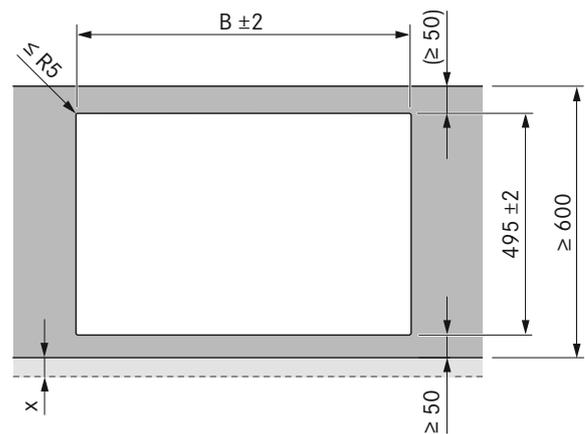
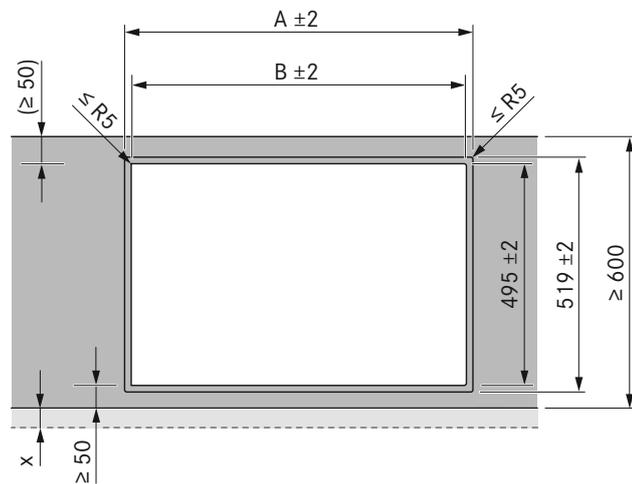
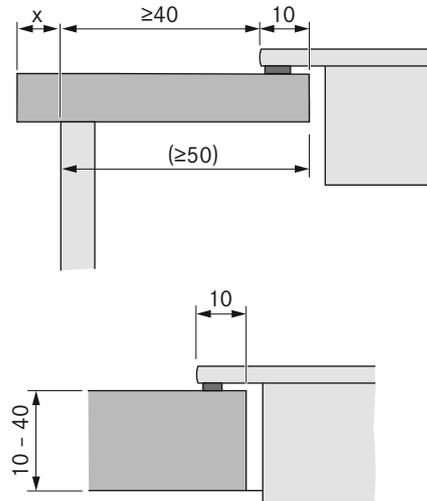
Cut-out dimensions

BORA Classic

Flush installation



Surface mounting



Cooktops/cooktop extractor		A in mm	B in mm
	1/0	344	320
	2/1	776	752
	3/2	1208	1184
	4/2	1549	1525

Cooktops/cooktop extractor		B in mm
	1/0	320
	2/1	752
	3/2	1184
	4/2	1525

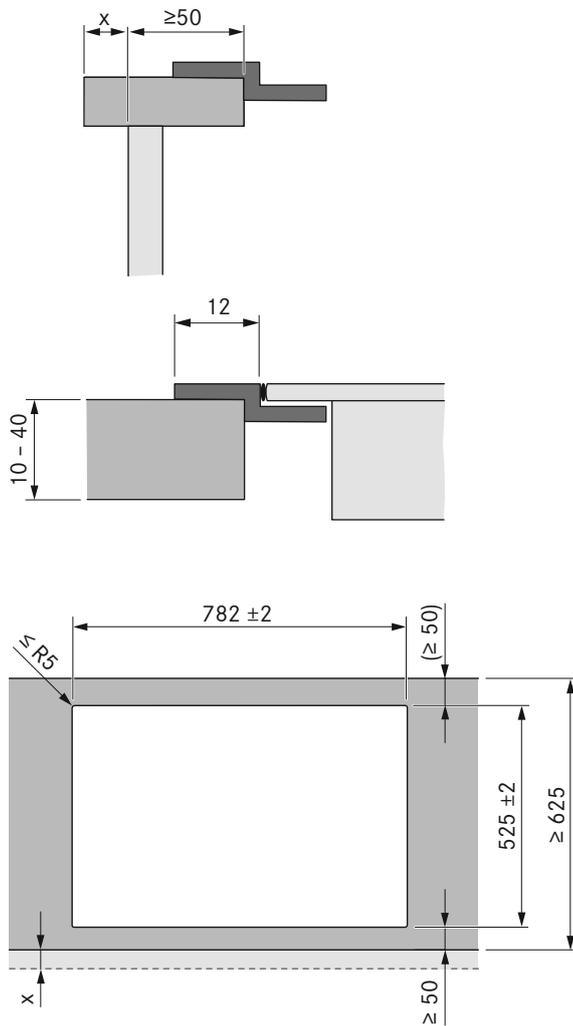
Important planning instructions:

- 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.
- Single solution 1/1 only upon enquiry and under consideration of special planning instructions.
- If the CIW1 induction glass ceramic wok cooktop is used, the groove dimensions must be increased to 7 mm for flush installation.
- 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 with inlay frame

BORA Classic

Installation with inlay frame



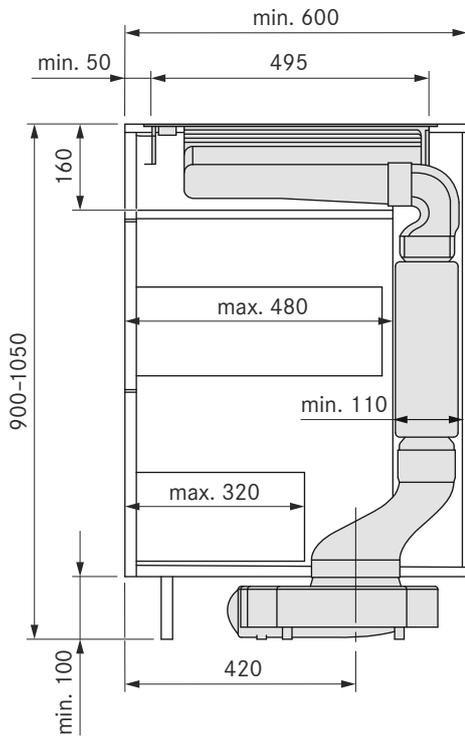
Important planning instructions:

- All dimensions from the front edge of the front cover.
- Cut-out dimensions tolerance ± 2 mm.
- Clearance of 1,5 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).

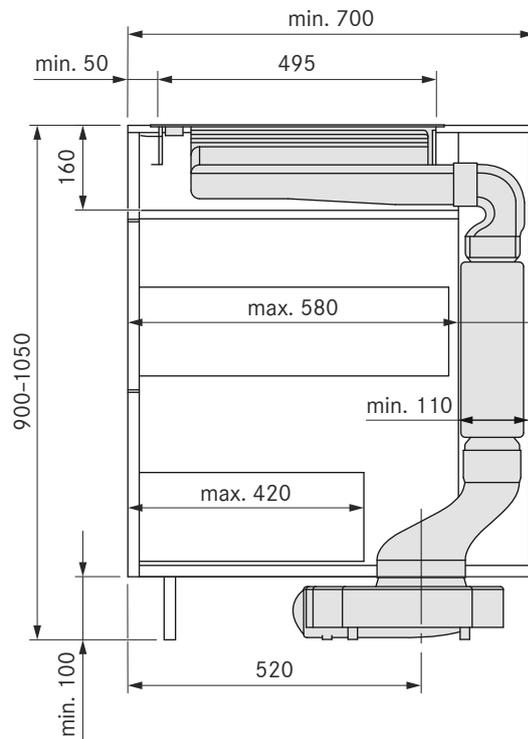
Installation cut-outs

BORA Classic

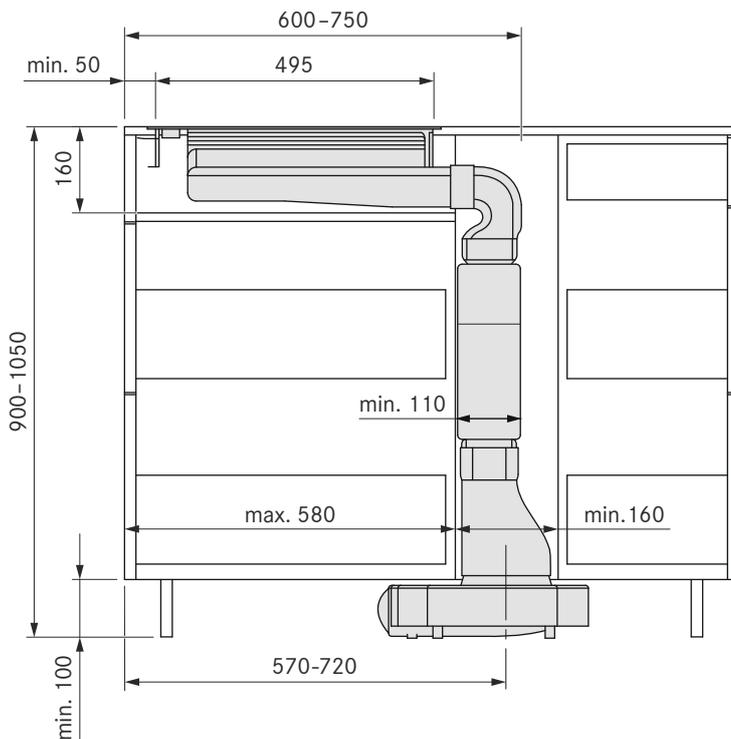
Installation cut-out Classic 600 mm:



Installation cut-out Classic 700 mm:



Installation cut-out Classic island:

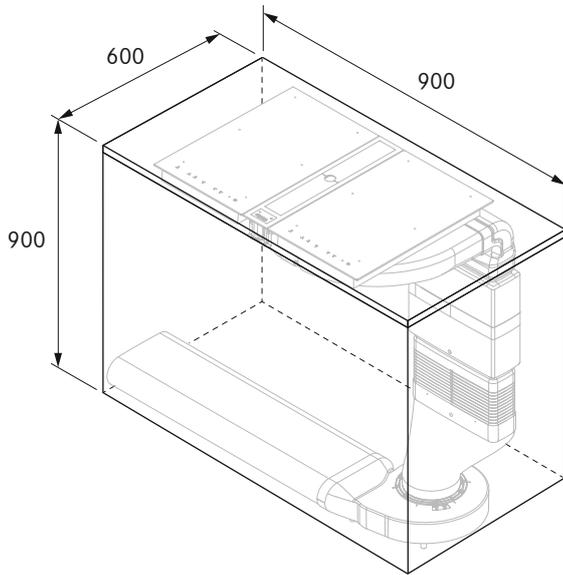


CLASSIC

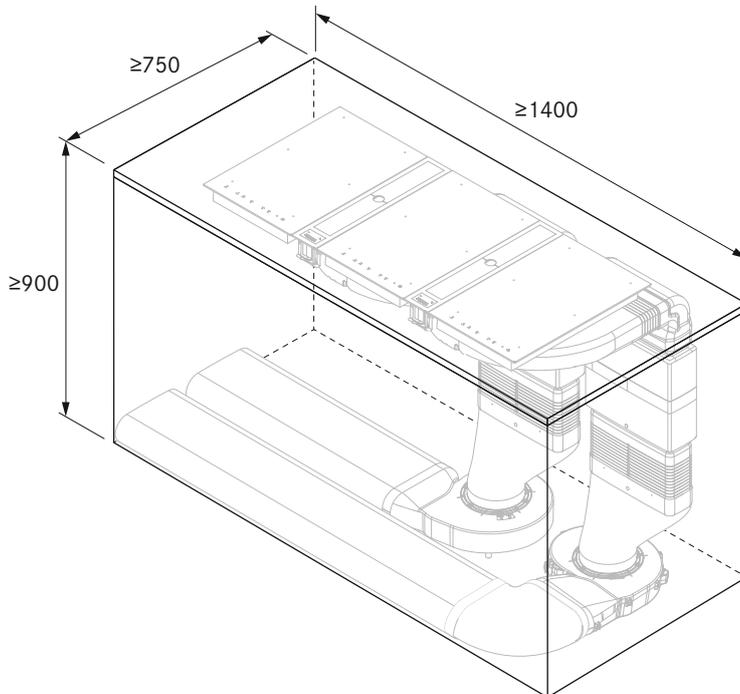
Minimum dimensions for installation

BORA Classic

CKASE:



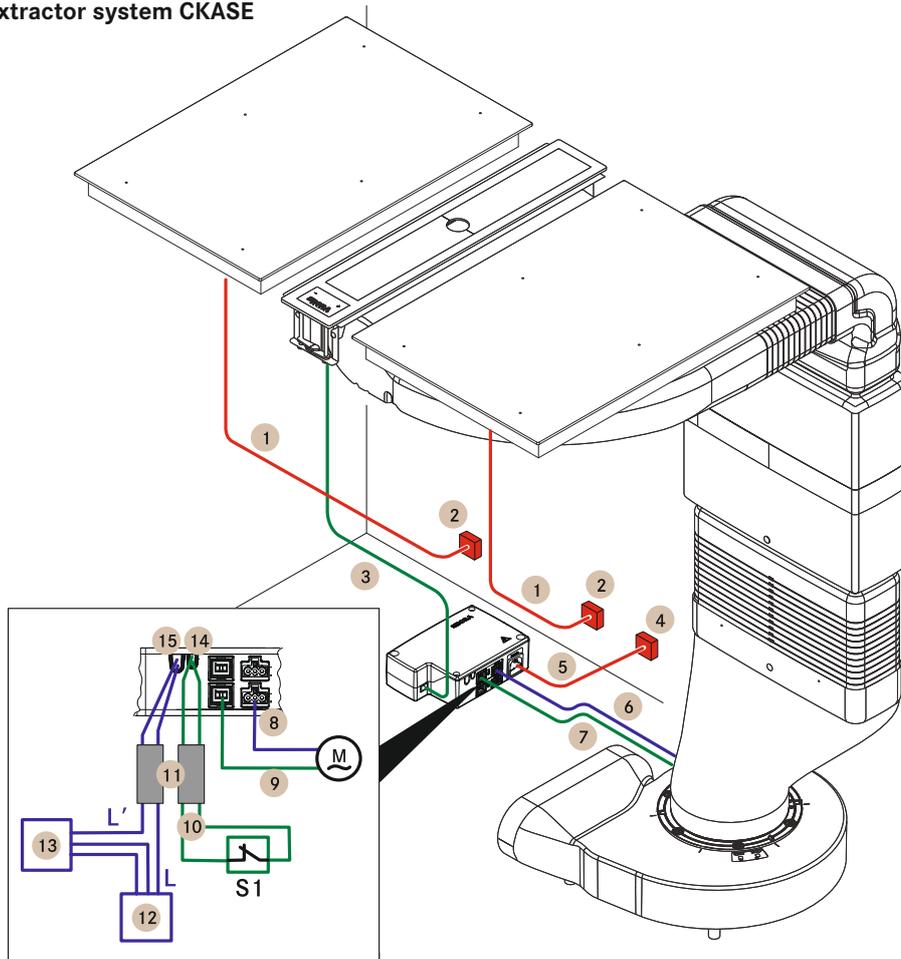
2 CKASE:



Connection diagram

BORA Classic

Classic cooktop extractor system CKASE



Position	Description	Note
1	Cooktop power supply cable	Length 2m
2	Power supply per cooktop: CT1 CG11 CFI11, CI11, CIW1, CCH1, CCB1	L/N/PE min. fuse protection 1 x 13 A L/N/PE min. fuse protection 1 x 0.5 A L/N/PE min. fuse protection 1 x 16 A
3	CAT 5 communication cable	
4	Control unit power supply	L/N/PE
5	Control unit power supply cable	With type E + F plugs
6	Plinth fan power supply cable	
7	Plinth fan control line	
8	Additional fan power supply cable	
9	Additional fan control line	Not required with the ULIE
M	Additional fan	
10	Connection cable Home-In	Max. length 10 m
S1	External switch contact	E.g. window contact switch for operating in exhaust mode with flues/fireplaces
11	Ferrite sleeves	Set product no. UFH
12	Power supply for external device	-
13	External device	E.g. electrically operated wall sleeve
14	Home-In connection	24V DC / 100 mA
15	Home-Out connection	Maximum 250 VAC/30 VDC, 2.5 A

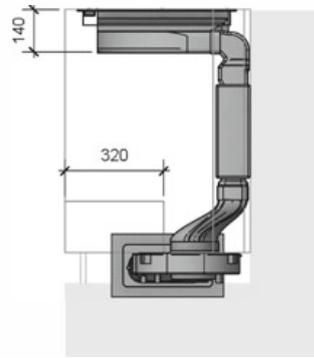
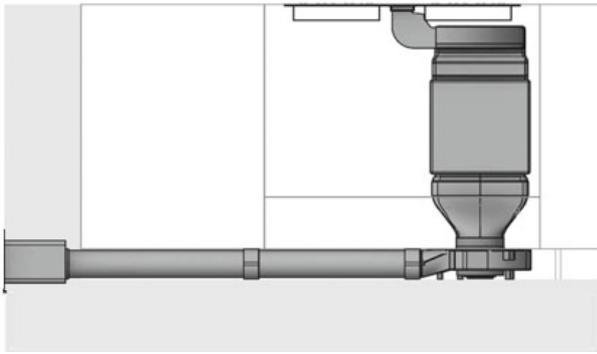
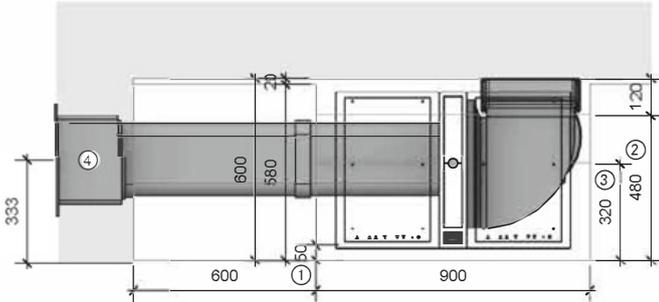
Note: based on the cable range, the control unit can be installed freely or wall mounted. The control unit must be accessible. The connection diagram shows the maximum connection options required and is for planning purposes only. The connection itself must be carried out by a qualified specialist based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

Sample designs

Classic

CKASE - exhaust-air variant for kitchen counters

MP_2104 – with airflow to the left in the plinth



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Undermost drawer must be shortened
- ④ Wall opening 310 x 155 mm, after lower edge until middle opening 71 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

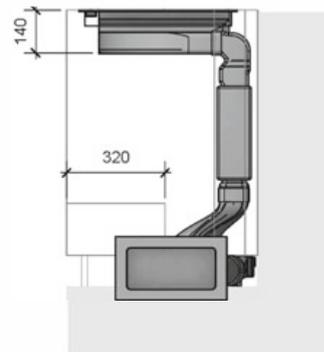
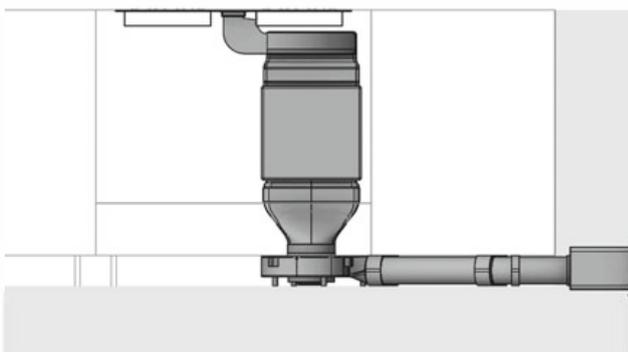
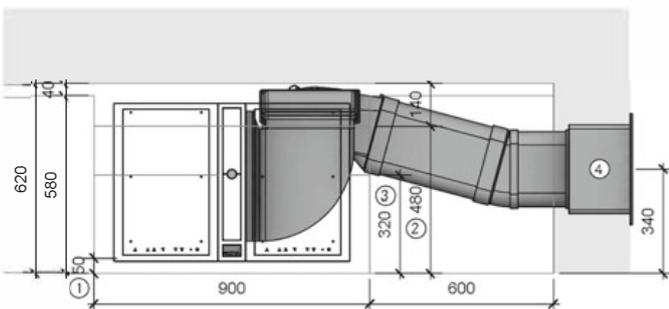
- 1 CKASE cooktop extractor system - displacement transition

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

CKASE - exhaust-air variant for kitchen counters MP_2120 – with airflow to the right in the plinth



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Undermost drawer must be shortened
- ④ Wall opening 310 x 155 mm, after lower edge until middle opening 71 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

- 1 CKASE cooktop extractor system - displacement transition

Article BORA Ecotube

- 1 EFBH15/1 15° bend flat horizontal
- 2 EFV/1 duct connection flat
- 1 UEBF/1 3box wall sleeve
- 1 EF750/1 shallow duct 750 mm

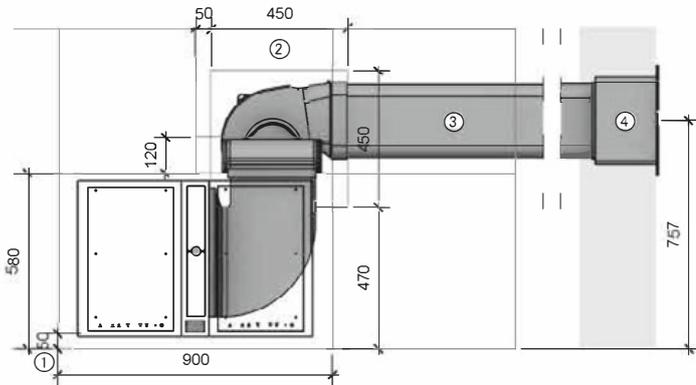
For moulded parts, sealing material is included with bushing design(s) within the scope of supply

Further sample designs at <https://partner.bora.com>

Sample designs

Classic

CKASE - exhaust-air variant for kitchen counters MP_2114 – with airflow to the right in the floor structure



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Reinforcement must be provided for the laying of ducts in the floor structure
- ④ Wall opening 310 x 155 mm, after lower edge until middle opening 71 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

- 1 CKASE cooktop extractor system - transition straight

Article BORA Ecotube

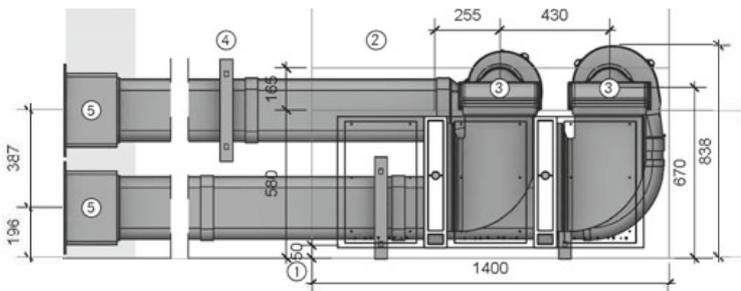
- 1 EFV/1 duct connection flat
- 1 ERV/1 duct connection round
- 1 UEBF/1 3box wall sleeve
- 1 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

Article BORA Ecotube as required

- EFV/1 duct connection flat
- EF750/1 shallow duct 750 mm

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

CKASE - double exhaust-air variant for kitchen islands MP_2339 – with airflow to the right in the floor structure



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Core drill hole diameter at least 180 mm
- ④ Pro 1 m duct recommended use of a BORA Ecotube installation set flat
- ⑤ Wall opening 310 x 155 mm, after lower edge until middle opening 71 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

- 2 CKASE cooktop extractor system - transition straight

Article BORA Ecotube

- 1 EFBH90/1 90° bend flat horizontal
- 2 EFV/1 duct connection flat
- 2 ERV/1 duct connection round
- 2 UEBF/1 3box wall sleeve
- 2 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

Article BORA Ecotube as required

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

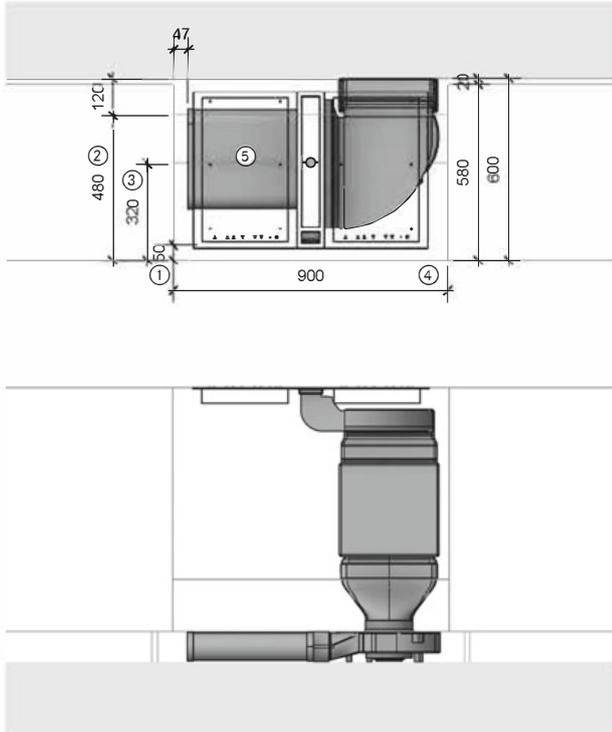
For moulded parts, sealing material is included with bushing design(s) within the scope of supply

Further sample designs at <https://partner.bora.com>

Sample designs

Classic

CKASE - recirculation variant for kitchen counters MP_2168 – with air purification box ULB1 in the plinth



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Undermost drawer must be shortened
- ④ Provide a return opening of at least 500 cm² per air purification box
- ⑤ Air purification box must be accessible

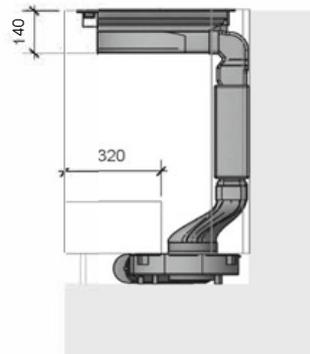
Article BORA

- 1 CKASE cooktop extractor system - displacement transition
- 1 ULB1 Air purification box Ecotube

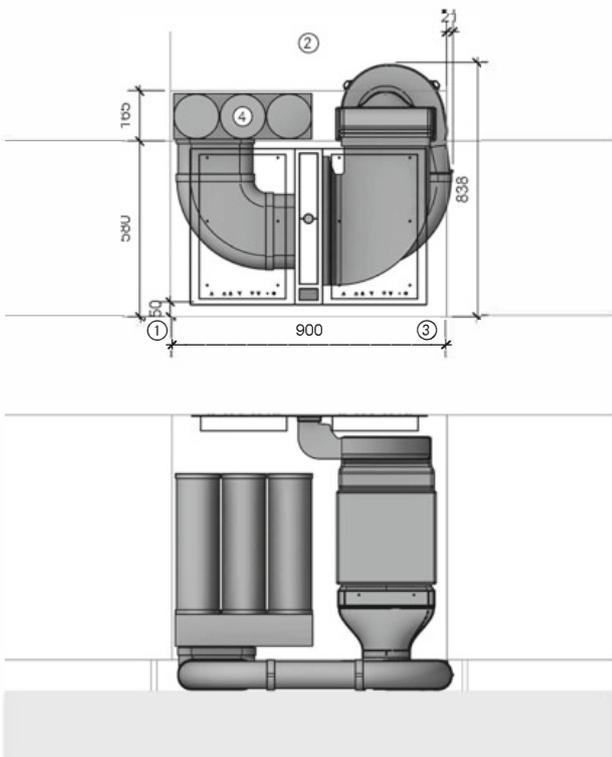
Article BORA Ecotube

- EFV/1 duct connection flat

For moulded parts, sealing material is included with bushing design(s) within the scope of supply



CKASE - recirculation variant for kitchen islands MP_2173 – with air purification box ULB3 standing



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Provide a return opening of at least 500 cm² per air purification box
- ④ Air purification box must be accessible

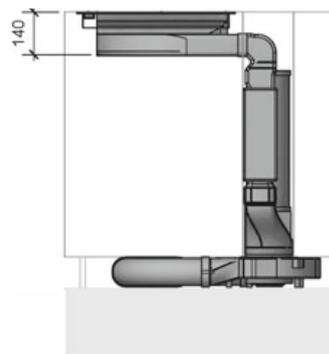
Article BORA

- 1 CKASE cooktop extractor system - transition straight
- 1 ULB3 Air purification box with 3 activated charcoal filter cartridges

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply



Further sample designs at <https://partner.bora.com>

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 with integrated cooktop extractor - Recirculation



BIA

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

BIU

BORA Basic induction glass ceramic cooktop with 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



BKR760

BORA Basic cooktop frame surface mounting BHA/BHU/BIA/BIU

BKR830

BORA Basic cooktop frame surface mounting BFIA/BFIU

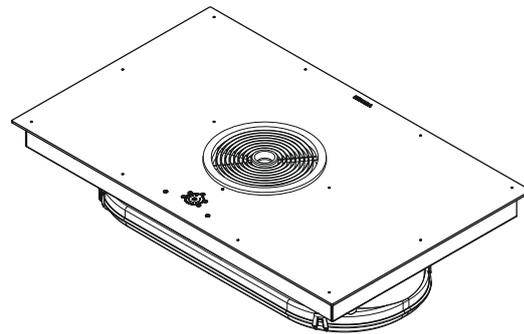
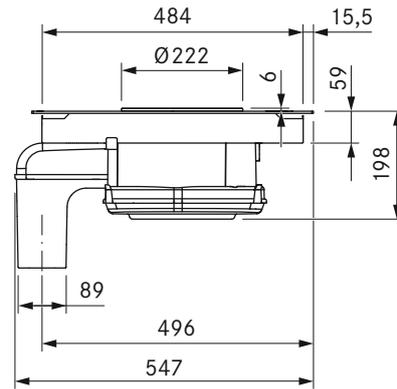
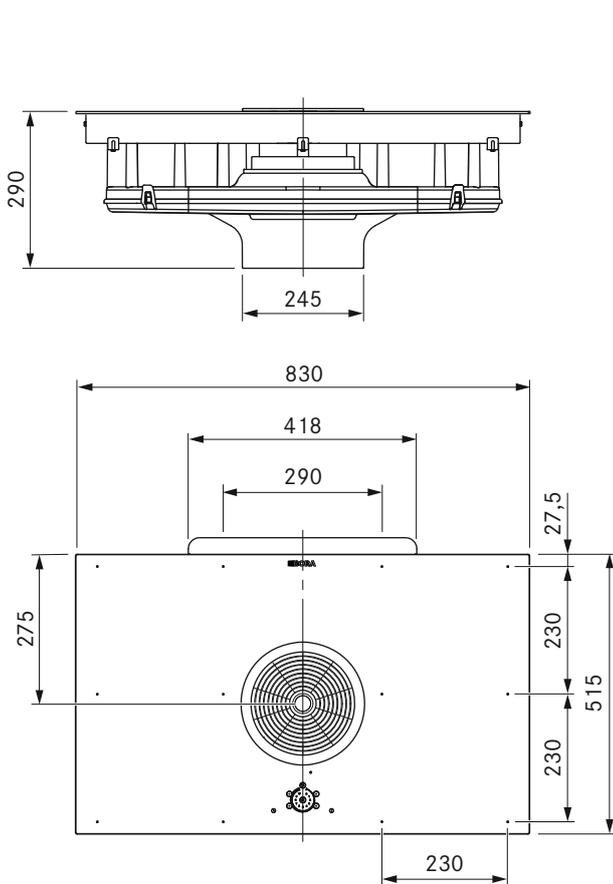


BEDAB

BORA Basic air inlet nozzle All Black

BFIA

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



technical data

Maximum air volume	697.3 m ³ /h
Supply voltage	380 - 415 V 2N/3N
Supply voltage	220 - 240 V
Frequency	50 / 60 Hz
Maximum power consumption	7.6 kW (4.4 kW)
Fuse protection / power supply	3 x 16 A
Fuse protection / power supply	2 x 16 A
Maximum static pressure	372 Pa
Fuse protection / power supply	1 x 32 A
Dimensions (WxDxH)	830 x 515 x 198 mm
Weight (incl. accessories/packaging)	Approx. 25 kg
Connection on the exhaust side	BORA Ecotube
Surface material	SCHOTT CERAN®
Power levels	1 - 9, P
Back cooking zone dimensions	230 x 230 mm
Front cooking zone dimensions	230 x 230 mm
Front cooking zone power	2100 W
Back cooking zone power	2100 W
Front cooking zone power setting	3700 W
Back cooking zone power setting	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
- 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

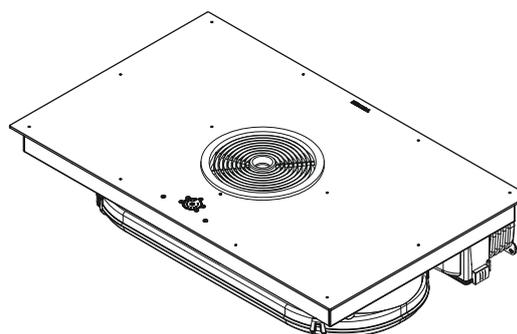
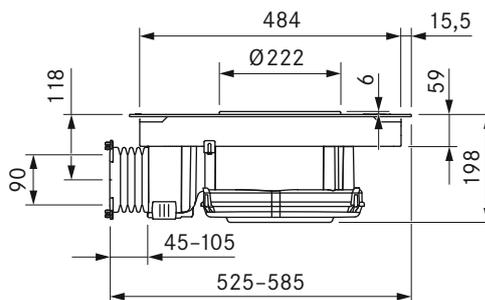
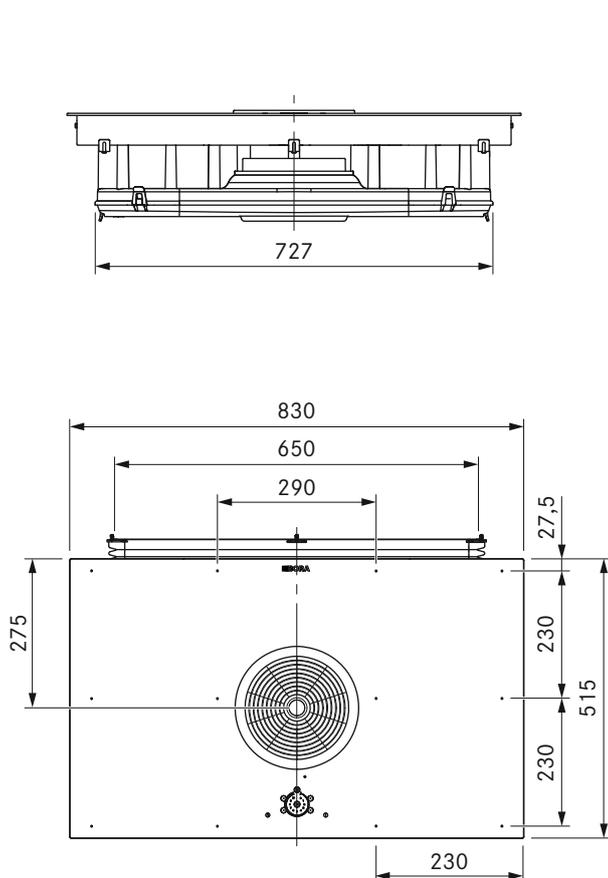
- BFF stainless steel grease filter
- BFIED air inlet nozzle
- BUSU recirculation conversion set
- UDB25 sealing tape
- UGPI1 grill pan
- BKR830 cooktop frame
- BLAVH1 exhaust air duct extension

product- and planning instructions

- Basic cooktop extractor system can be combined with the sockets USTF, USTE, USTJ, USTG and USTL
- Please note that induction-compatible cookware must be used on induction cooktops
- The connection cable must be provided at the installation site
- Front power socket
- Max. exhaust channel length: 6 m (max. 10 m possible with the additional duct fan)

BFIU

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

**technical data**

Maximum air volume	658.8 m ³ /h
Supply voltage	380 - 415 V 2N/3N
Supply voltage	220 - 240 V
Frequency	50 / 60 Hz
Maximum power consumption	7.6 kW (4.4 kW)
Fuse protection / power supply	3 x 16 A
Fuse protection / power supply	2 x 16 A
Fuse protection / power supply	1 x 32 A
Dimensions (WxDxH)	830 x 515 x 198 mm
Weight (incl. accessories/packaging)	Approx. 25 kg
Surface material	SCHOTT CERAN®
Power levels	1 - 9, P
Back cooking zone dimensions	230 x 230 mm
Front cooking zone dimensions	230 x 230 mm
Front cooking zone power	2100 W
Back cooking zone power	2100 W
Front cooking zone power setting	3700 W
Back cooking zone power setting	3700 W
Maximum static pressure	375 Pa
Recirculation connection	650 x 90 mm
Filter medium	Activated charcoal filter with ion exchanger
Material	Filter panel with fine filter
Filter area	2 x 0.4 m ²
Service life	Max. 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
- 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

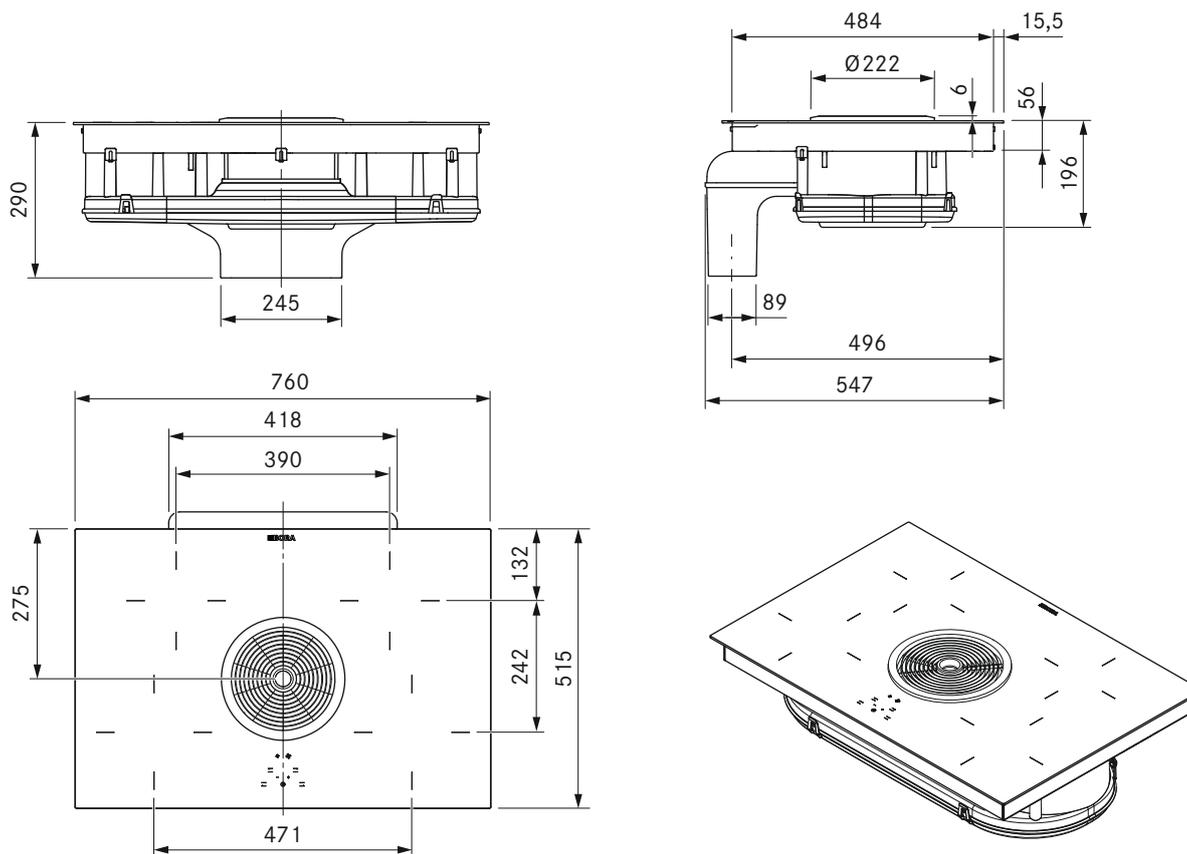
- BFF stainless steel grease filter
- BFIED air inlet nozzle
- BUSAE exhaust air conversion set
- UDB25 sealing tape
- Activated charcoal filter set with BAKFS ion exchanger (x 2)
- UGPI1 grill pan
- BKR830 cooktop frame

product- and planning instructions

- Basic cooktop extractor system can be combined with the sockets USTF, USTE, USTJ, USTG and USTL
- Please note that induction-compatible cookware must be used on induction cooktops
- The connection cable must be provided at the installation site
- Front power socket

BIA

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

**technical data**

Maximum air volume	647 m ³ /h
Supply voltage	380 - 415 V 2N/3N
Supply voltage	220 - 240 V
Frequency	50 Hz
Maximum power consumption	7.6 kW (4.4 kW)
Fuse protection / power supply	3 x 16 A
Fuse protection / power supply	2 x 16 A
Fuse protection / power supply	1 x 32 A
Dimensions (WxDxH)	760 x 515 x 196 mm
Weight (incl. accessories/packaging)	25 kg
Connection on the exhaust side	BORA Ecotube
Surface material	SCHOTT CERAN®
Power levels	1, 2, P
Power levels	1 - 9, P
Back cooking zone dimensions	Ø 175 mm
Front cooking zone dimensions	Ø 210 mm
Front cooking zone power	2300 W
Back cooking zone power	1400 W
Front cooking zone power setting	3000 W
Maximum static pressure	339 Pa

Product description

- Minimum volume
- Simple cleaning
- Genuine stainless steel grease filter
- Oversized 4 24 cooking surface
- Compact size
- childproofing feature
- Cooking zone timers
- Timer
- pan size recognition
- Automatic after-run

Scope of delivery

- Induction glass ceramic cooktop with BIA cooktop extractor
- 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

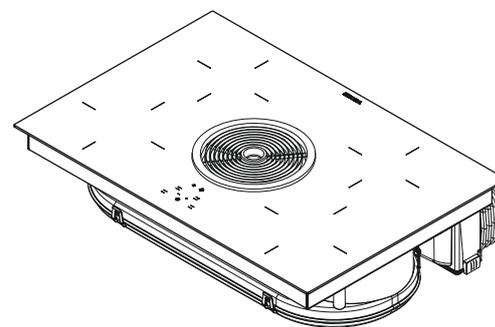
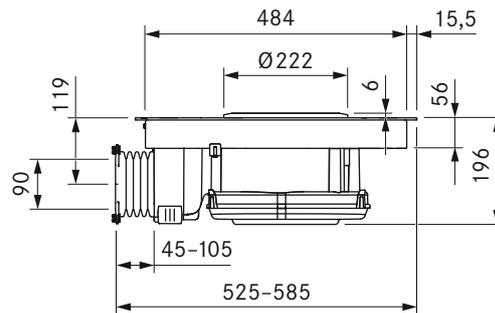
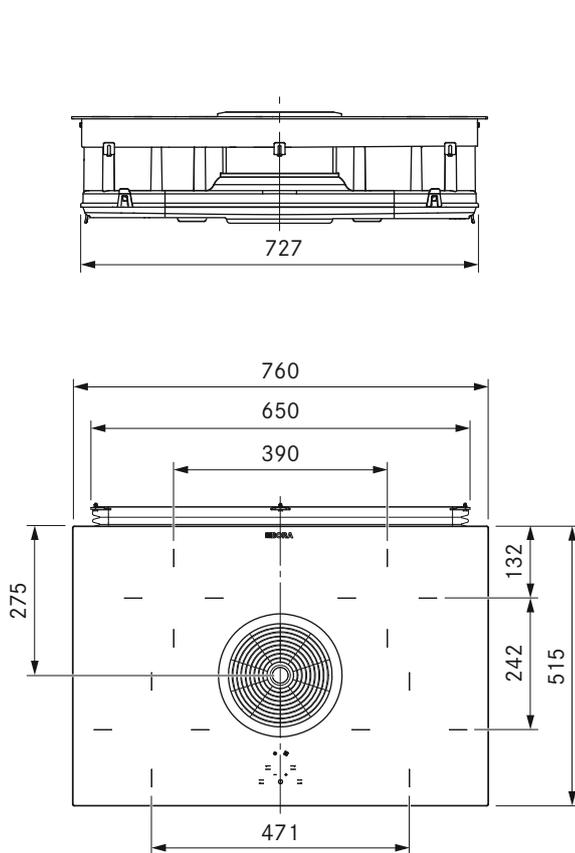
Accessories

- 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

- Basic cooktop extractor system can be combined with the sockets USTF, USTE, USTJ, USTG and USTL
- Please note that induction-compatible cookware must be used on induction cooktops
- The connection cable must be provided at the installation site
- Front power socket
- Max. exhaust channel length: 6 m

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



technical data

Maximum air volume	624 m ³ /h
Supply voltage	380 - 415 V 2N/3N
Supply voltage	220 - 240 V
Frequency	50 Hz
Maximum power consumption	7.6 kW (4.4 kW)
Fuse protection / power supply	3 x 16 A
Fuse protection / power supply	2 x 16 A
Fuse protection / power supply	1 x 32 A
Dimensions (WxDxH)	760 x 515 x 196 mm
Weight (incl. accessories/packaging)	25 kg
Surface material	SCHOTT CERAN®
Power levels	1 - 9, P
Back cooking zone dimensions	Ø 175 mm
Front cooking zone dimensions	Ø 210 mm
Front cooking zone power	2300 W
Back cooking zone power	1400 W
Front cooking zone power setting	3000 W
Maximum static pressure	341 Pa
Power levels	1, 2, P
Recirculation connection	650 x 90 mm
Filter medium	Activated charcoal filter with ion exchanger
Material	Filter panel with fine filter
Filter area	2 x 0.4 m ²
Service life	Max. 150 h / 1 year

Product description

- effective odour removal
- Minimum volume
- Simple cleaning
- Genuine stainless steel grease filter
- Oversized 4 24 cooking surface
- Maximum storage space
- Compact size
- Easy recirculation filter replacement
- childproofing feature
- Cooking zone timers

Scope of delivery

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

Accessories

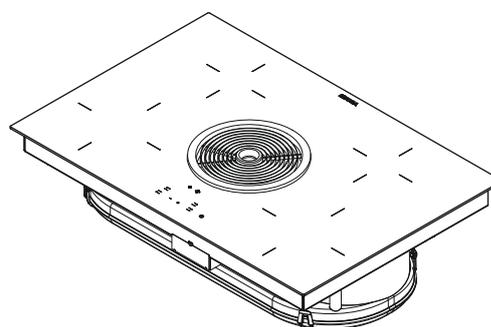
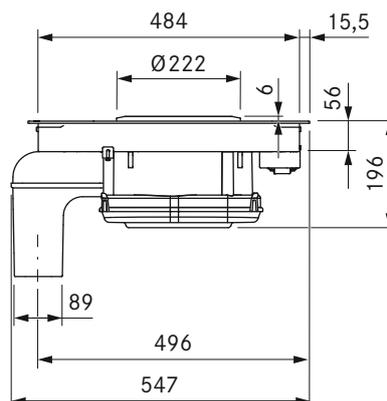
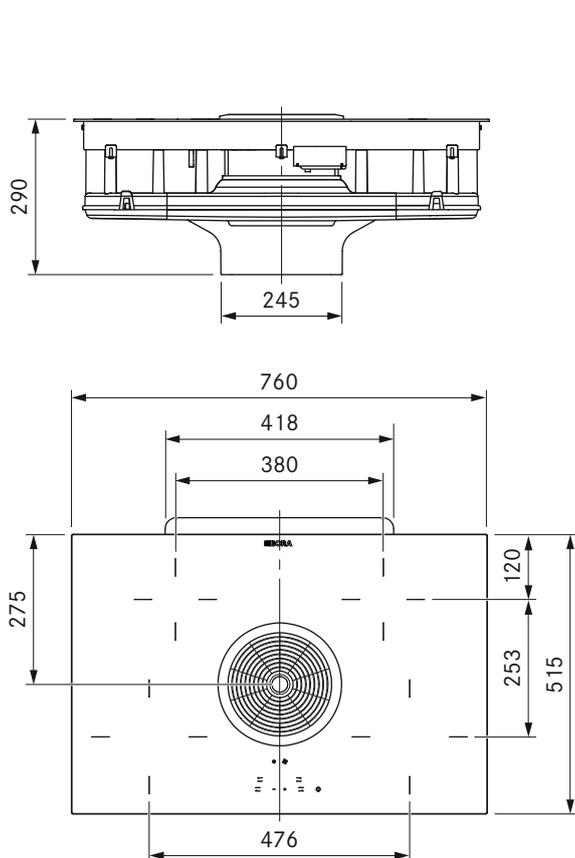
- BAKFS activated charcoal filter set
- BFF stainless steel grease filter
- BFIED air inlet nozzle
- BUSAE exhaust air conversion set
- UDB25 sealing tape
- BKR760 cooktop frame

product- and planning instructions

- Basic cooktop extractor system can be combined with the sockets USTF, USTE, USTJ, USTG and USTL
- Please note that induction-compatible cookware must be used on induction cooktops
- The connection cable must be provided at the installation site
- Front power socket

BHA

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

**technical data**

Maximum air volume	647 m ³ /h
Supply voltage	380 - 415 V 2N/3N
Supply voltage	220 - 240 V
Frequency	50 Hz
Maximum power consumption	7.0 kW
Fuse protection / power supply	3 x 16 A
Fuse protection / power supply	2 x 16 A
Fuse protection / power supply	1 x 32 A
Dimensions (WxDxH)	760 x 515 x 196 mm
Weight (incl. accessories/packaging)	25 kg
Connection on the exhaust side	BORA Ecotube
Surface material	SCHOTT CERAN®
Power levels	1, 2, P
Power levels	1 - 9, P
Back cooking zone dimensions	Ø 140 mm
Front cooking zone dimensions	Ø 210 mm
Front cooking zone power	2300 W
Back cooking zone power	1200 W
Front cooking zone power setting	3000 W
Maximum static pressure	339 Pa

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

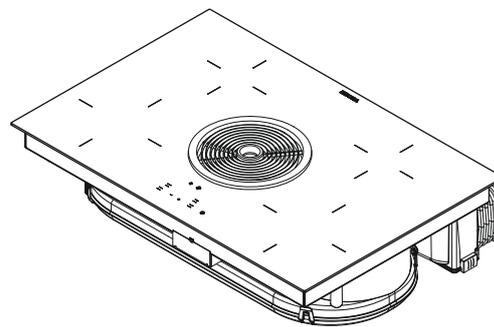
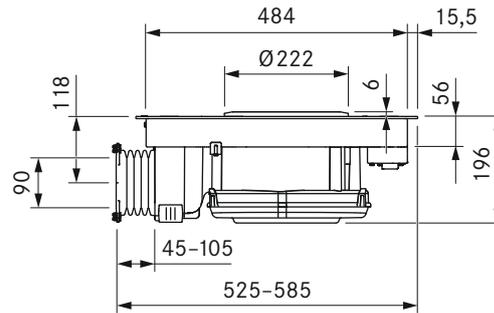
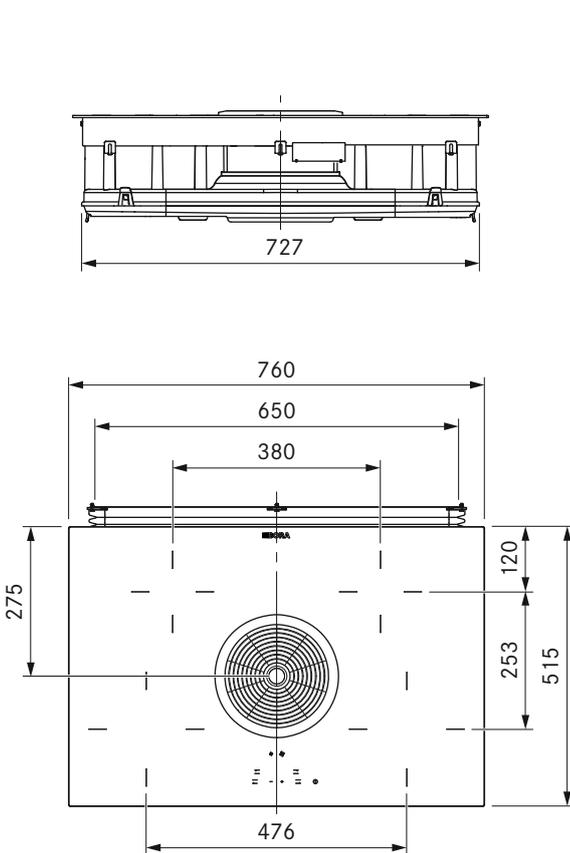
- Hyper glass ceramic cooktop with BHA cooktop extractor
- stainless steel grease filter
- BLAVH horizontal exhaust air extension
- mounting straps
- sealing tape
- glass ceramic scraper
- cable routing clips
- height adjustment plate set
- operating and installation instructions

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

- Basic cooktop extractor system can be combined with the sockets USTF, USTE, USTJ, USTG and USTL
- The connection cable must be provided at the installation site
- Front power socket
- Max. exhaust channel length: 6 m



technical data

Maximum air volume	624 m ³ /h
Supply voltage	380 - 415 V 2N/3N
Supply voltage	220 - 240 V
Frequency	50 Hz
Maximum power consumption	7.0 kW
Fuse protection / power supply	3 x 16 A
Fuse protection / power supply	2 x 16 A
Fuse protection / power supply	1 x 32 A
Dimensions (WxDxH)	760 x 515 x 196 mm
Weight (incl. accessories/packaging)	25 kg
Surface material	SCHOTT CERAN®
Power levels	1 - 9, P
Back cooking zone dimensions	Ø 140 mm
Front cooking zone dimensions	Ø 210 mm
Front cooking zone power	2300 W
Back cooking zone power	1200 W
Front cooking zone power setting	3000 W
Maximum static pressure	341 Pa
Power levels	1, 2, P
Recirculation connection	650 x 90 mm
Filter medium	Activated charcoal filter with ion exchanger
Material	Filter panel with fine filter
Filter area	2 x 0.4 m ²
Service life	Max. 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
- 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

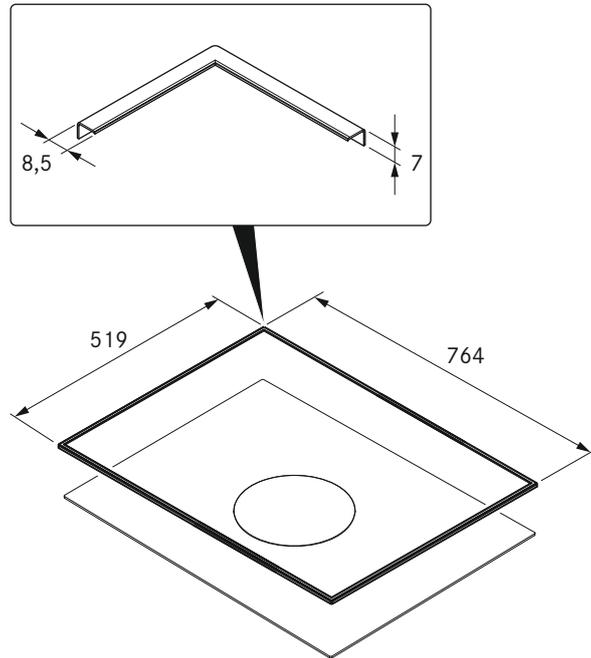
product- and planning instructions

- Basic cooktop extractor system can be combined with the sockets USTF, USTE, USTJ, USTG and USTL
- The connection cable must be provided at the installation site
- Front power socket

BKR760

BORA BASIC ACCESSORIES

BORA Basic cooktop frame surface mounting BHA/BHU/BIA/BIU



technical data

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

Product description

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

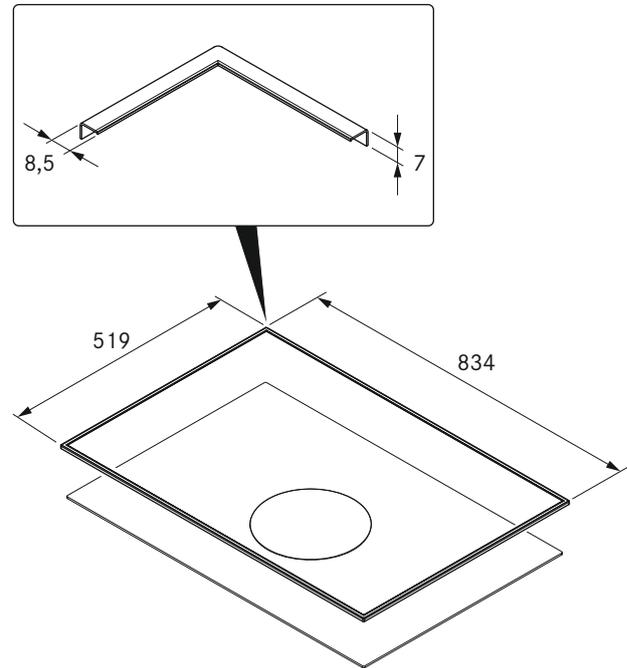
Scope of delivery

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

BKR830

BORA BASIC ACCESSORIES

BORA Basic cooktop frame surface mounting BFIA/BFIU



technical data

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

Product description

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

Scope of delivery

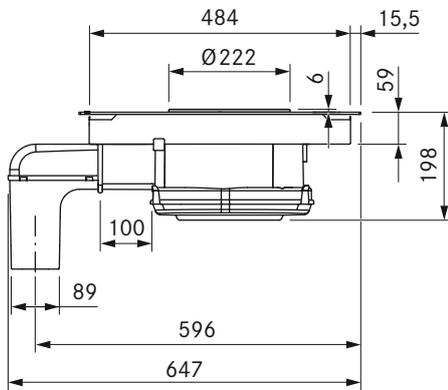
- BKR830 cooktop frame with adhesive tape
- sealing tape
- Glass cleaning cloth
- height adjustment plate set
- installation instructions

Installation options

BORA Basic exhaust systems

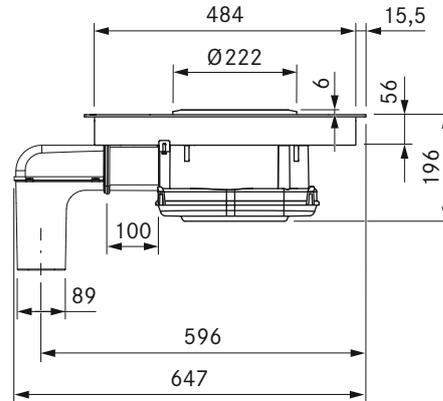
Installation option BFIA

with horizontal exhaust air duct extension BLAVH1



Installation option BIA / BHA

with horizontal exhaust air duct extension BLAVH1



Energy efficiency

BORA Basic BFIA / BFIU

Product description

Surface induction glass ceramic cooktop with 4 cooking zones and integrated cooktop extractor	BFIA	BFIU	
Operating mode	Exhaust air	Recirculation	
Energy consumption	Value	Value	EN standard
Annual energy consumption (AEC _{hood})	54.8 kWh/a	51.9 kWh/a	61591
Energy efficiency class	B	*	61591
Flow volume			
Fluid dynamic efficiency (FDE _{hood})	23.1	21.0	61591
Fluid dynamic efficiency class	B	*	61591
Lighting			
Lighting efficiency (LE _{hood})	* lx/Watt	* lx/Watt	*
Lighting efficiency class	*	*	*
Grease filtering			
Level 9 maximum (GFE _{hood})	91%	91%	61591
Class level 9 normal	B	*	61591
Grease filtering (additional details)			
Level P maximum (GFE _{hood})	93%	93%	61591
Class level P maximum	B	*	61591
Flow volume			
Air flow level 1 minimum	194.8 m ³ /h	* m ³ /h	61591
Air flow level 9 normal	607.3 m ³ /h	* m ³ /h	61591
Air flow level P maximum (Q _{Max})	697.3 m ³ /h	658.8 m ³ /h	61591
Sound power level			
Level 1 minimum	39.8 dB(A)	38.4 dB(A)	60704-2-13
Level 9 normal	66.3 dB(A)	66.5 dB(A)	60704-2-13
Level P maximum	69.6 dB(A)	69.7 dB(A)	60704-2-13
Sound pressure level (additional details)			
Level 1 minimum	27.3 dB(A)	25.9 dB(A)	**
Level 9 normal	53.8 dB(A)	54.0 dB(A)	**
Level P maximum	57.1 dB(A)	57.2 dB(A)	**
Details according to 66/2014			
Power consumption in off mode (P _O)	< 0.5 W	< 0.5 W	61591
Time increase factor	1.2	1.2	61591
Energy efficiency index (EEI _{hood})	65.2	64.5	61591
Air volume flow at the best efficiency point (Q _{BEP})	382 m ³ /h	311.4 m ³ /h	61591
Pressure at the best efficiency point (P _{BEP})	272 Pa	288 Pa	61591
Electric power input at the best efficiency point (W _{BEP})	125 W	118.5 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.

Energy efficiency

BORA Basic BFIA / BFIU

Product description

Glass ceramic cooktop with 4 cooking zones and integrated cooktop extractor	BIA / BHA	BIU / BHU	
Operating mode	Exhaust air	Recirculation	
Energy consumption	Value	Value	EN standard
Annual energy consumption (AEEhood)	87.5 kWh/a	94.2 kWh/a	61591
Energy efficiency class	C	*	61591
Flow volume			
Fluid dynamic efficiency (FDEhood)	15.7	13.1	61591
Fluid dynamic efficiency class	D	*	61591
Lighting			
Lighting efficiency (LEhood)	* lx / Watt	* lx / Watt	*
Lighting efficiency class	*	*	*
Grease filtering			
Level 2 maximum (GFEhood)	88.5%	88.5%	61591
Class level 2 normal	B	*	61591
Grease filtering (additional details)			
Level P maximum (GFEhood)	93%	93%	61591
Class level P maximum	B	*	61591
Flow volume			
Air flow level 1 minimum	342 m ³ /h	* m ³ /h	61591
Air flow level 2 normal	497 m ³ /h	* m ³ /h	61591
Air flow level P maximum (QMax)	647 m ³ /h	624 m ³ /h	61591
Sound power level			
Level 1 minimum	55 dB (A)	* dB (A)	60704-2-13
Level 2 normal	64 dB (A)	65 dB (A)	60704-2-13
Level P maximum	69 dB (A)	70 dB (A)	60704-2-13
Sound pressure level (additional details)			
Level 1 minimum	43 dB (A)	* dB (A)	**
Level 2 normal	51 dB (A)	53 dB (A)	**
Level P maximum	57 dB (A)	57 dB (A)	**
Details according to 66/2014			
Power consumption in off mode (PO)	< 0.5 W	< 0.5 W	61591
Time increase factor	1.4	1.5	61591
Energy efficiency index (EEIhood)	79.9	85.6	61591
Air volume flow at the best efficiency point (QBEP)	370.8 m ³ /h	320.8 m ³ /h	61591
Pressure at the best efficiency point (PBEP)	261 Pa	253 Pa	61591
Electric power input at the best efficiency point (WBEP)	171.2 W	172.1 W	61591

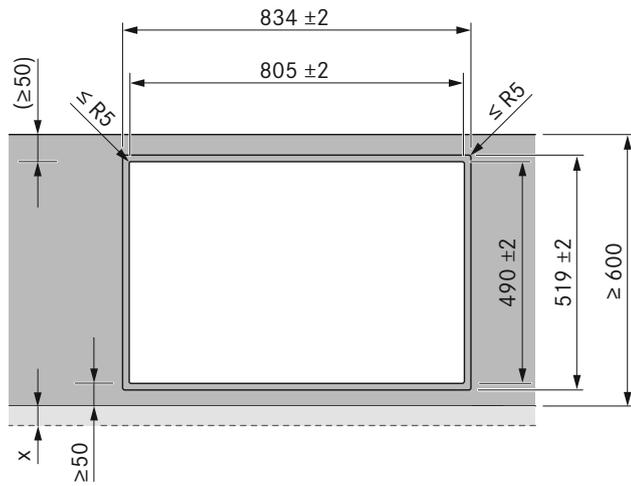
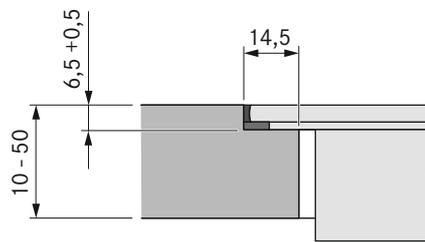
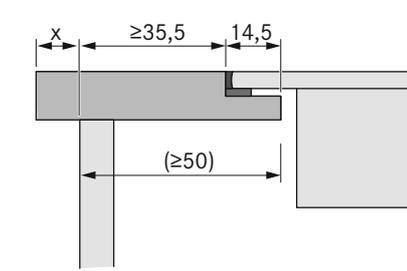
* This specification is not applicable for this product.

** 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

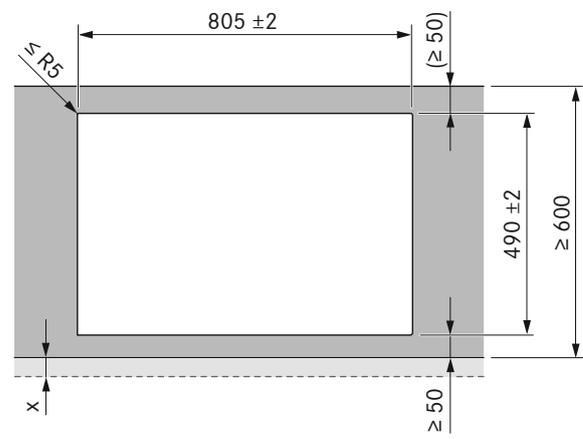
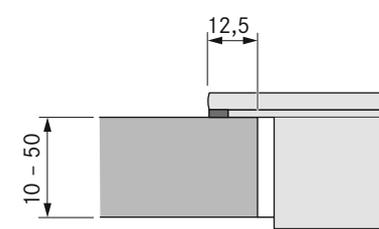
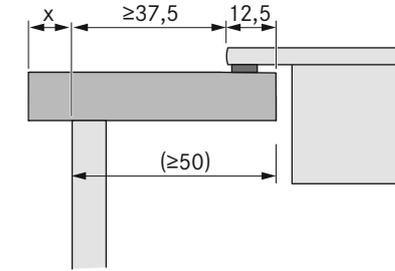
BORA Basic BFIA / BFIU

Flush installation



Surface mounting

(with or without cooktop frame)



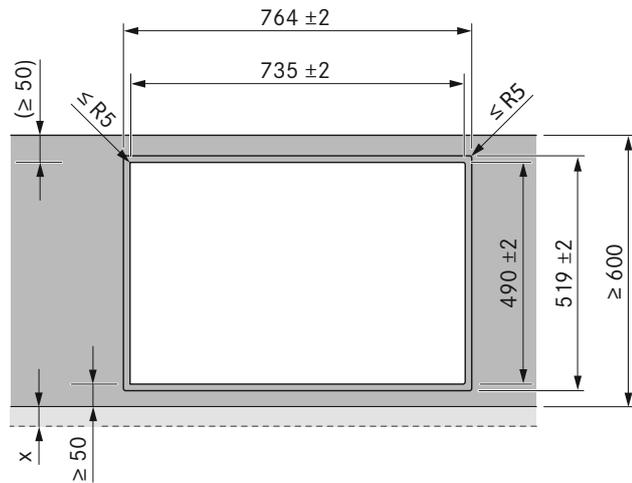
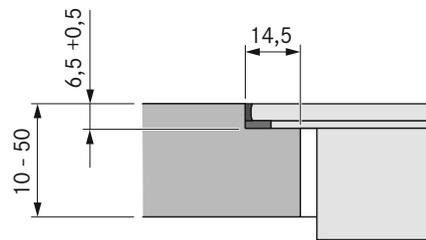
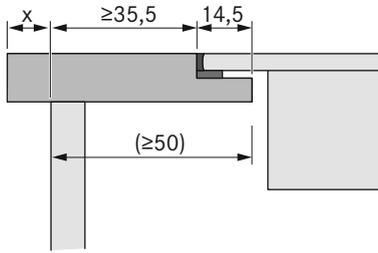
Important planning instructions:

- The worktop manufacturer's instructions must be observed with regard to the suitability of the worktop. For example, worktop cut-outs must be appropriately sealed against moisture.
- All dimensions from the front edge of the front cover.

Cut-out dimensions

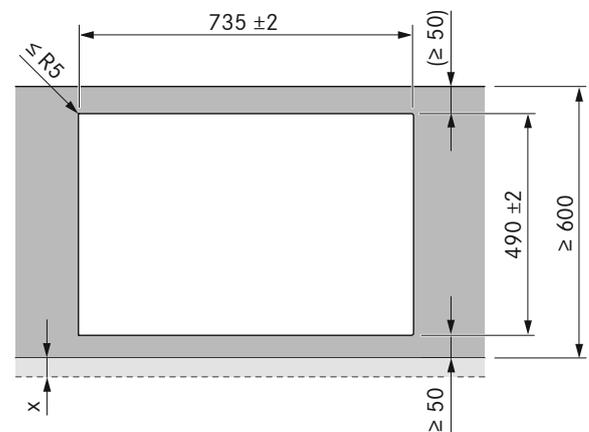
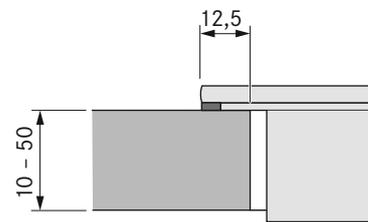
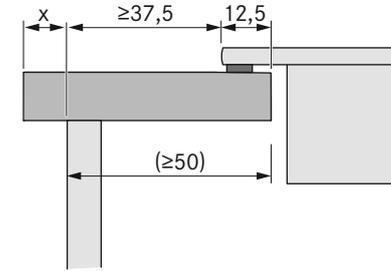
BORA Basic BIA / BHA / BIU / BHU

Flush installation



Surface mounting

(with or without cooktop frame)



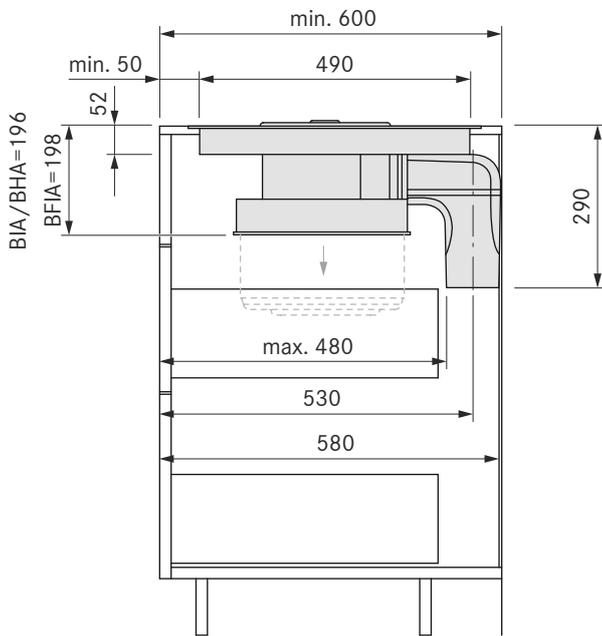
Important planning instructions:

- All dimensions from the front edge of the front cover.
- Cut-out tolerance ± 2 mm
- The worktop manufacturer's instructions must be observed with regard to the suitability of the worktop.
For example, worktop cut-outs must be appropriately sealed against moisture.
Clearance of 2 mm should be planned around the built-in appliances.

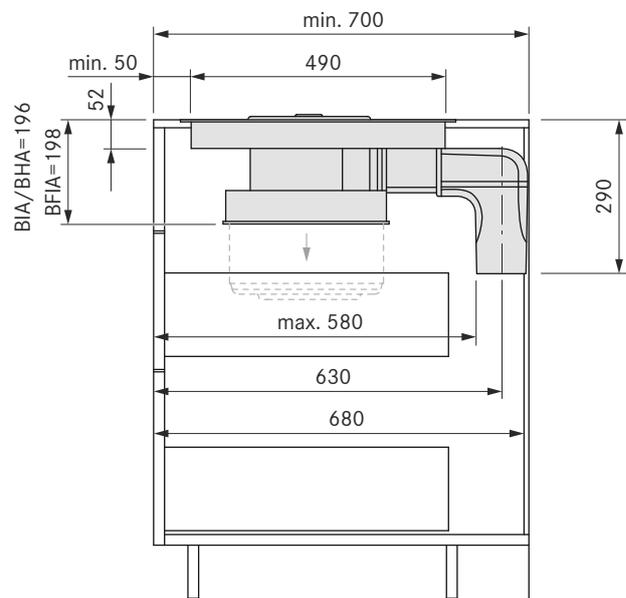
Installation cut-outs

Installation cut-outs

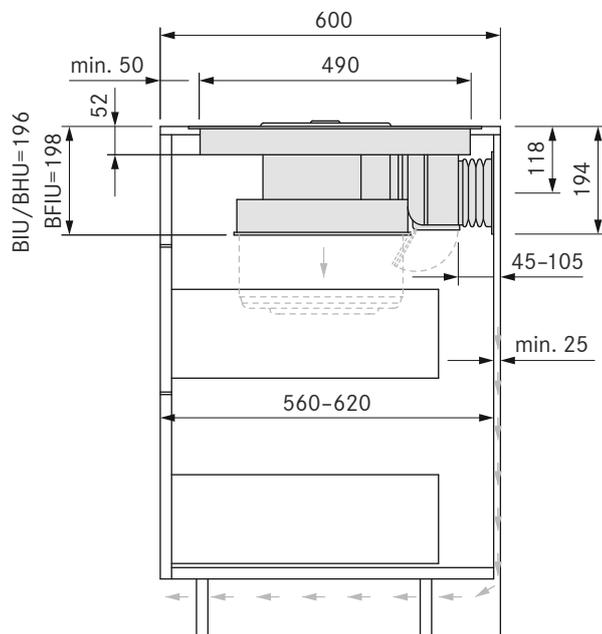
Installation cut-out Basic exhaust air 600 mm:



Installation cut-out Basic exhaust air 700 mm:



Installation cut-out Basic recirculation:

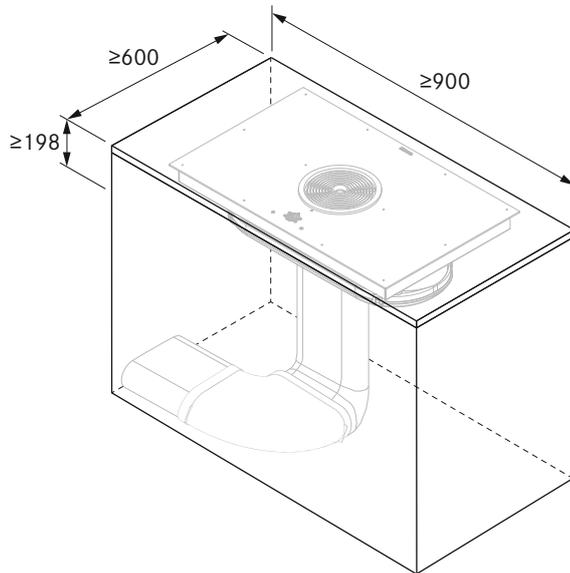


To ensure optimum extraction performance, a return flow aperture of at least 500 cm² for the air recirculation hood must be guaranteed.

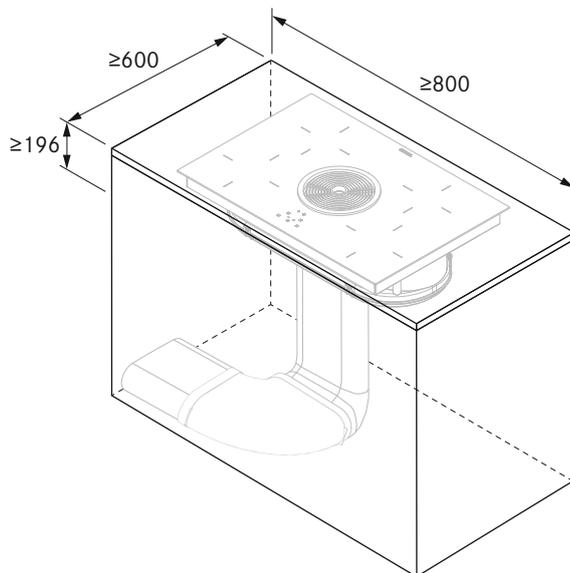
Minimum dimensions for installation

BORA Basic

BFIA/BFIU



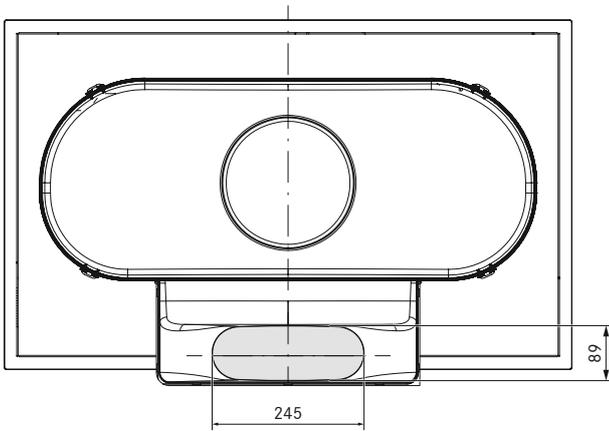
BIA/BIU/BHA/BHU



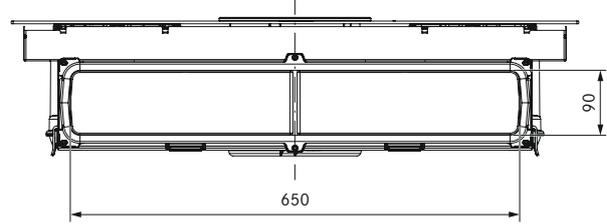
Duct connection dimensions

BORA Basic

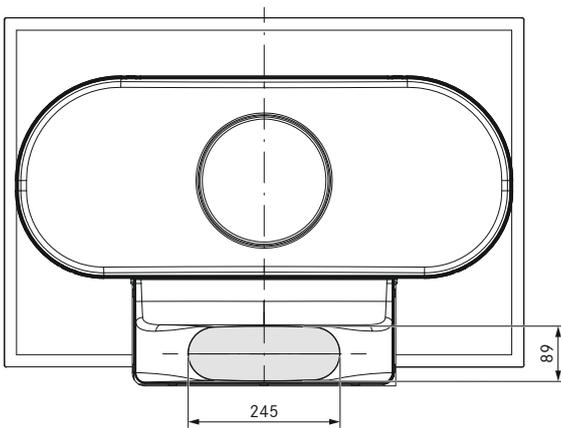
Duct connection dimensions BFIA
with BORA Ecotube duct connection



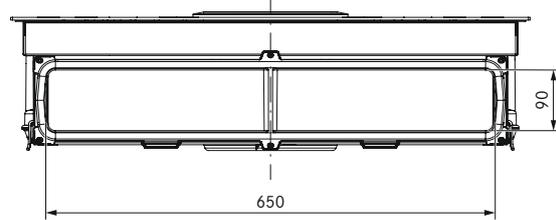
Duct connection dimensions BFIU
with flexible duct



Duct connection dimensions BIA / BHA
with BORA Ecotube duct connection



Duct connection dimensions BIU / BHU
with flexible duct

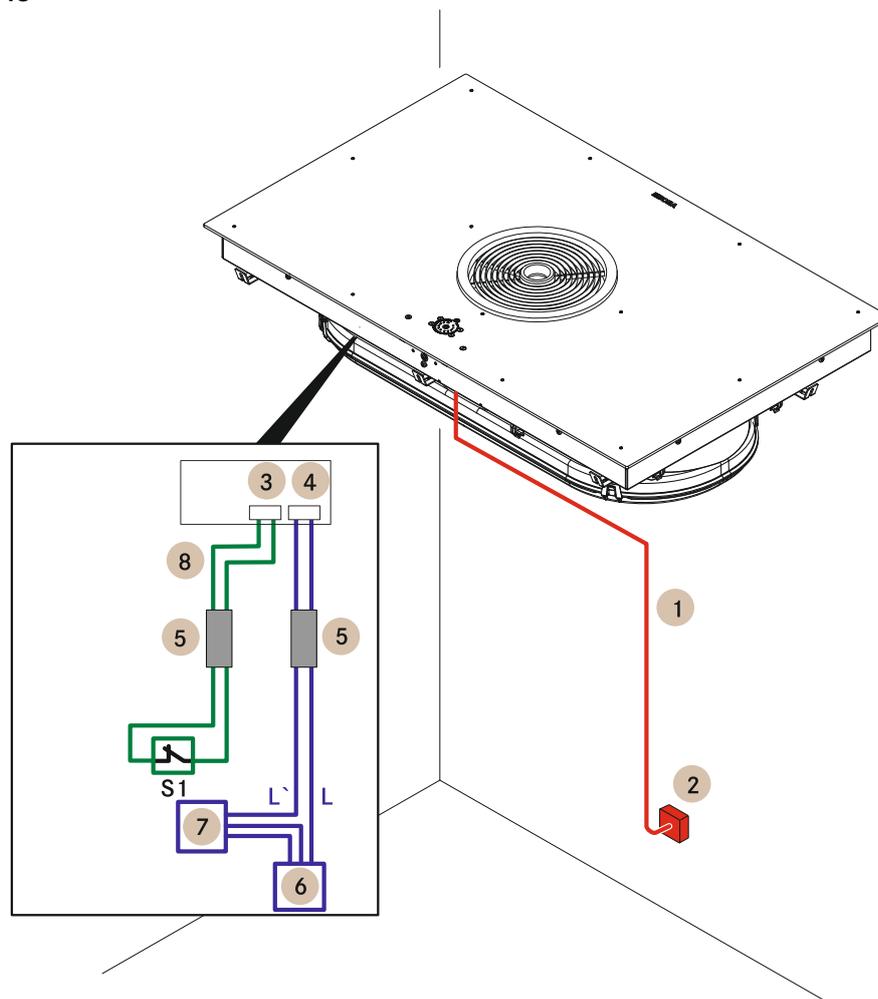


BASIC

Connection diagram

BORA Basic

BORA Basic BFIA / BFIU



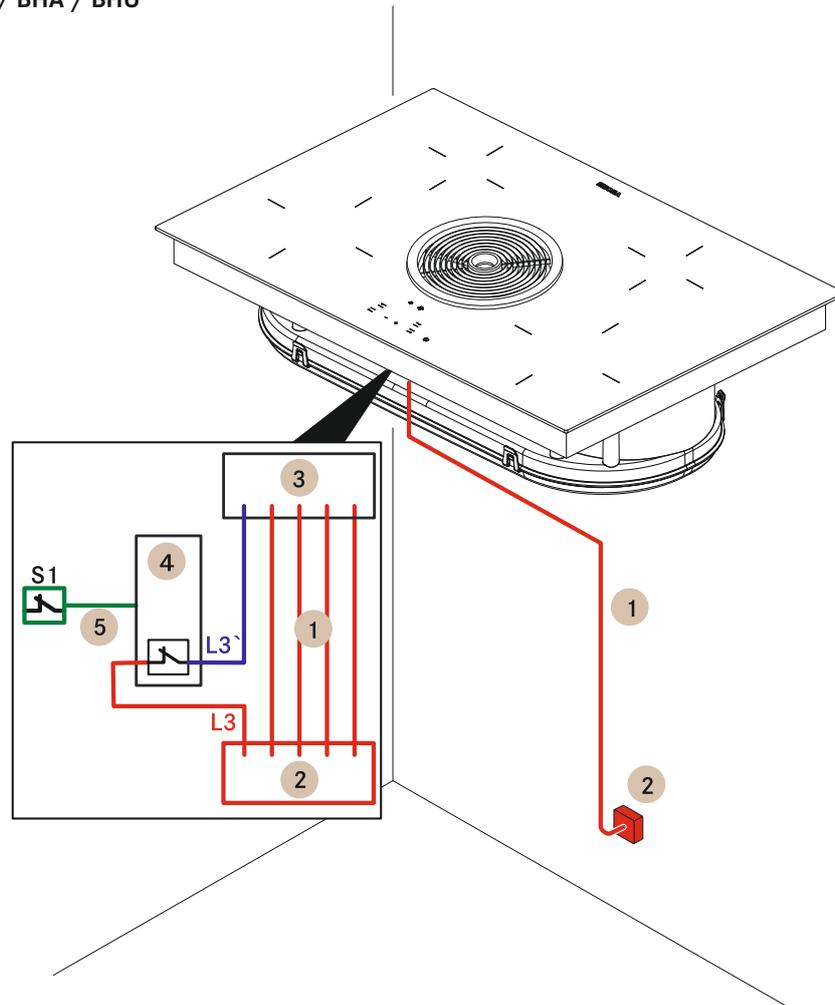
Position	Description	Note
1	Power supply cable for the cooktop with cooktop extractor	
2	Power supply	L1/L2/L3/N/PE Minimum fuse protection 3 x 16 A
3	Home-In connection	30 V DC 0.7 mA
4	Home-Out connection	Maximum 250 V/4 A
5	Ferrite sleeves	Set product no. UFH
6	Power supply for external device	
7	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 BIA / BIU / BHA / BHU



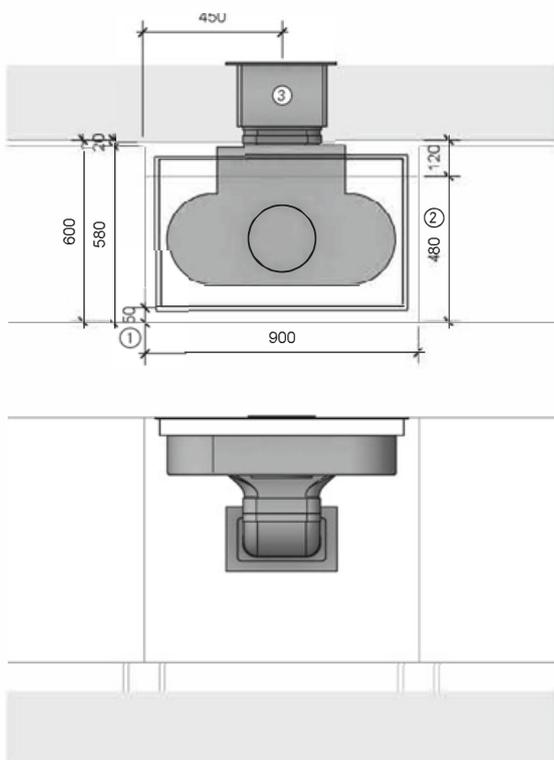
Position	Description	Note
1	Power supply cable for the cooktop with cooktop extractor	Length 2 m
2	Power supply	L1/L2/L3/N/PE Minimum fuse protection 3 x 16 A
3	Power supply for cooktop with cooktop extractor	
4	Switch relay	-
5	S1 switch connection and switch relay	E.g. via wireless communication
S1	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.

Sample designs

Basic

BFIA - exhaust-air variant for kitchen counters MP_3076 – with rearward airflow



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Wall opening 310 x 155 mm, after lower edge until middle opening 71 mm, must be blown completely dry directly regardless of weather conditions

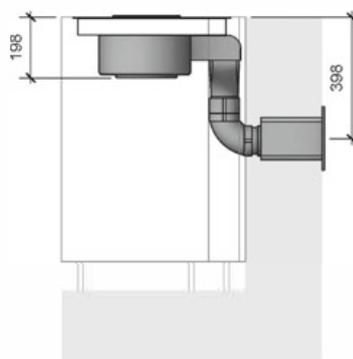
Article BORA

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

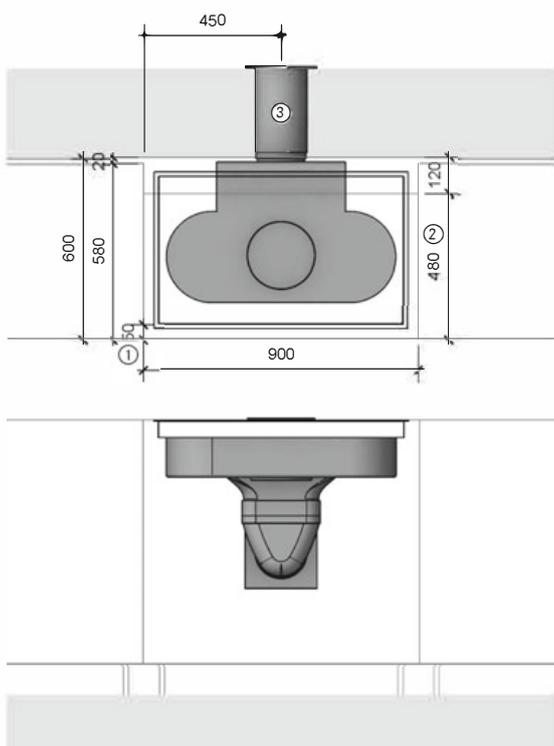
Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply



BFIA - exhaust-air variant for kitchen counters MP_3077 – with rearward airflow round



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Core drill hole diameter at least 180 mm, must be blown completely dry directly regardless of weather conditions

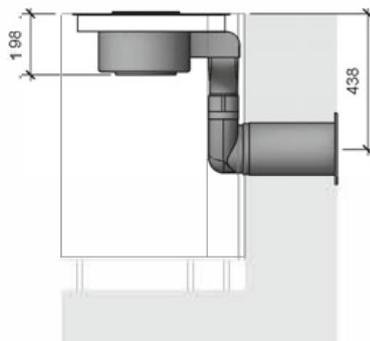
Article BORA

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

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply



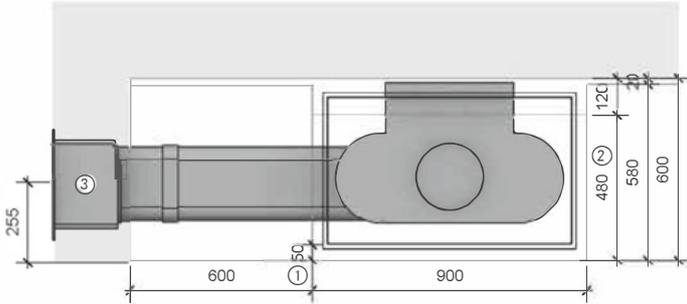
Further sample designs at <https://partner.bora.com>

Sample designs

Basic

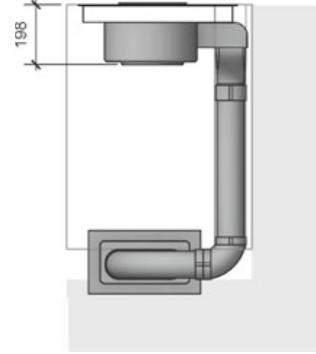
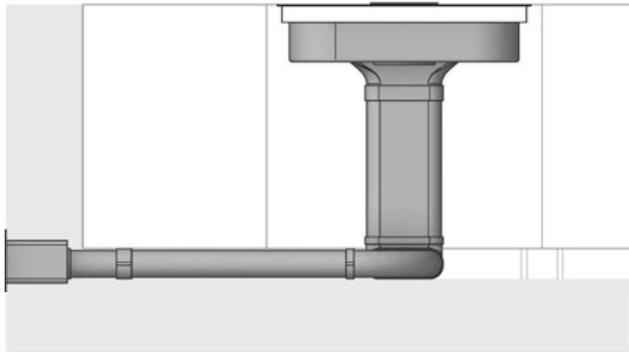
BFIA - exhaust-air variant for kitchen counters

MP_3042 - with airflow to the left in the plinth



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Wall opening 310 x 155 mm, after lower edge until middle opening 71 mm, must be blown completely dry directly regardless of weather conditions



Article BORA

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

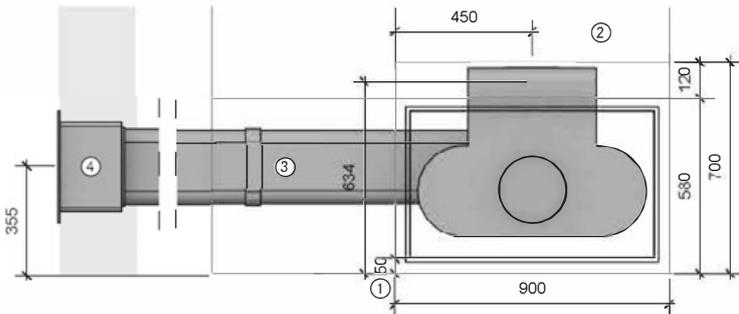
Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

BFIA - exhaust-air variant for kitchen islands

MP_3024 - with airflow to the left in the floor



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Reinforcement must be provided for the laying of ducts in the floor structure
- ④ Wall opening 310 x 155 mm, after lower edge until middle opening 71 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

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

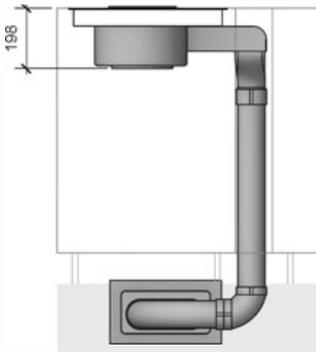
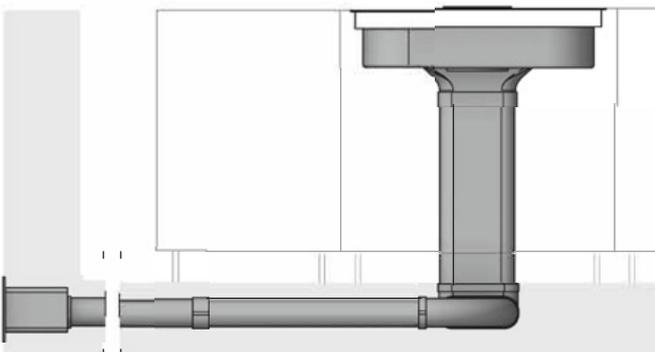
Article BORA Ecotube

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

Article BORA Ecotube as required

- EFV/1 duct connection flat
- EF750/1 shallow duct 750 mm

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

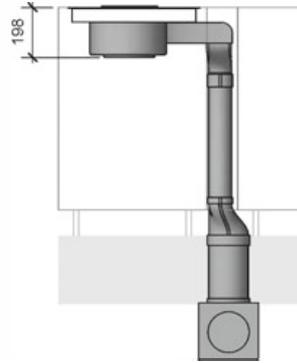
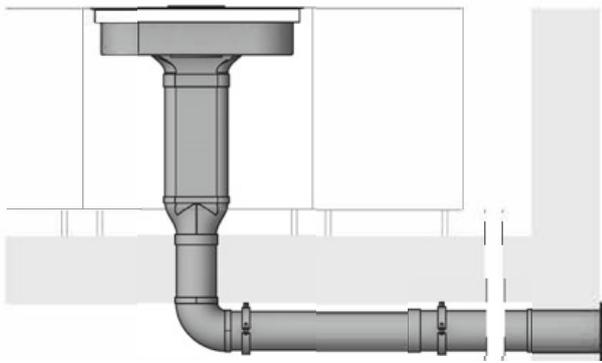
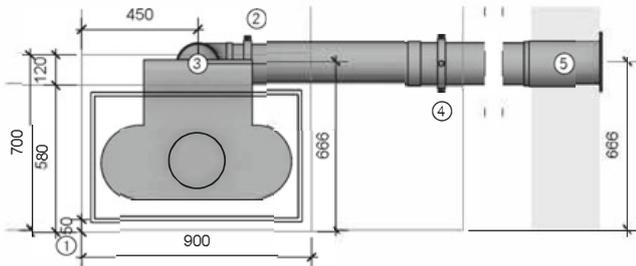


Further sample designs at <https://partner.bora.com>

Sample designs

Basic

BFIA - exhaust-air variant for kitchen islands MP_3078 - with airflow to the right in the cellar



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Core drill hole diameter at least 180 mm
- ④ Pro 1 m duct recommended use of a mounting bracket set
- ⑤ Core drill hole diameter at least 180 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

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

Article BORA Ecotube

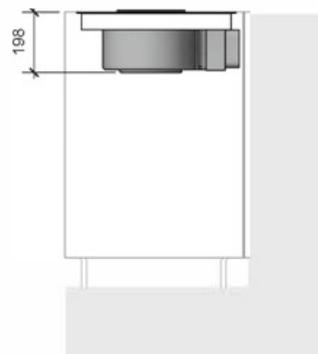
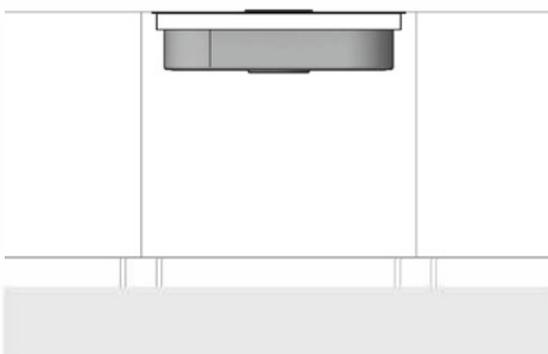
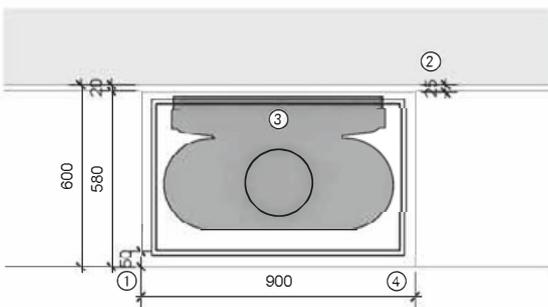
- 1 EFRG/1 transition flat round straight
- 1 EFV/1 duct connection flat
- 1 ERB90/1 90° bend round
- 1 UEBR/1 3box wall sleeve round
- 1 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

Article BORA Ecotube as required

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

BFIU - recirculation variant for kitchen counters MP_3062 - with rearward airflow



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② At least 25 mm between body back wall and adjoining element
- ③ Accessibility must be ensured for filter replacement
- ④ Provide a return opening of at least 500 cm² per air purification box

Article BORA

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

Further sample designs at <https://partner.bora.com>

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 rose gold



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

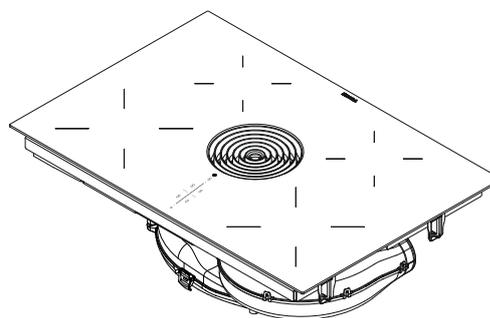
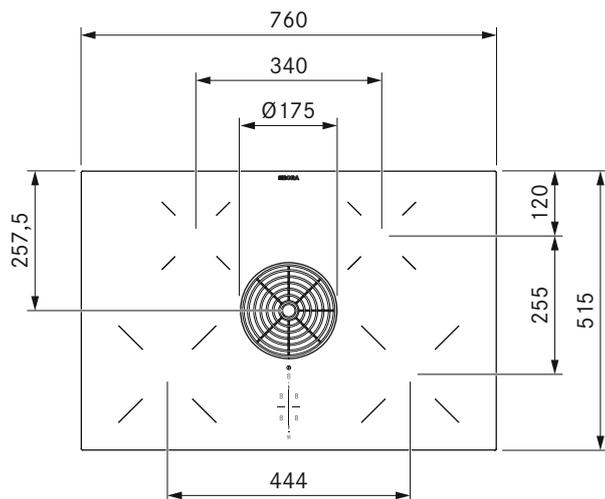
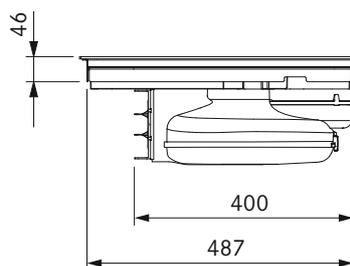
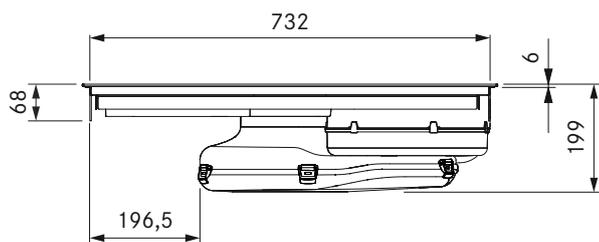


BKR760

BORA Basic cooktop frame surface mounting
BHA/BHU/BIA/BIU

PURA

BORA Pure induction cooktop with integrated cooktop extractor - Exhaust air



technical data

Supply voltage	380 - 415 V 2N/3N
Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	7.6 kW
Fuse protection / power supply	3 x 16 A
Fuse protection / power supply	2 x 16 A
Fuse protection / power supply	1 x 32 A
Dimensions (WxDxH)	760 x 515 x 199 mm
Connection on the exhaust side	BORA Ecotube
Surface material	SCHOTT CERAN®
Power levels	1 - 9, P
Back cooking zone dimensions	Ø 175 mm
Front cooking zone dimensions	Ø 210 mm
Front cooking zone power	2300 W
Back cooking zone power	1400 W
Front cooking zone power setting	3000 W
Back cooking zone power setting	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
- 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

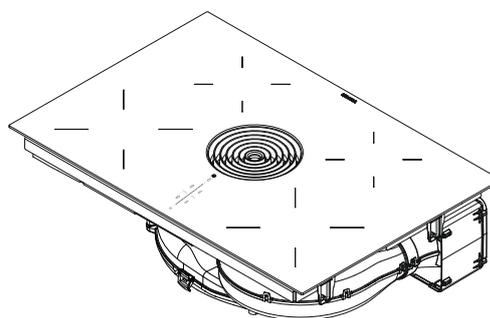
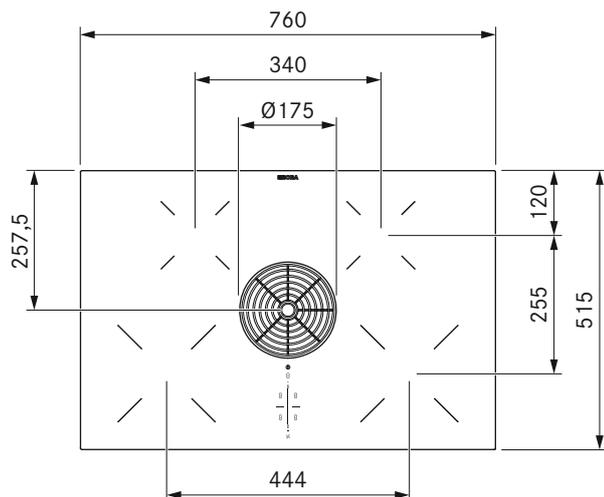
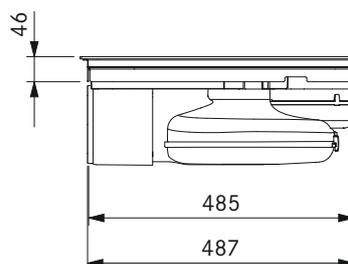
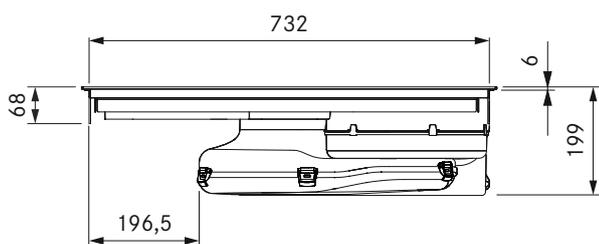
- Stainless steel grease filter PUEF
- Air inlet nozzle black PUEB
- Air inlet nozzle pink gold PUEGD
- Air inlet nozzle red PUEDR
- Air inlet nozzle jade green PUEDJ
- Air inlet nozzle orange PUEDO
- Air inlet nozzle blue PUEDB
- UDB25 sealing tape
- BKR760 cooktop frame
- Home In module PUHIM
- Air 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
- 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 BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- The PURE cooktop extractor system can be combined with all BORA sockets
- Not compatible with BORA universal extractors

PURU

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



technical data

Supply voltage	380 - 415 V 2N/3N
Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	7.6 kW
Fuse protection / power supply	3 x 16 A
Fuse protection / power supply	2 x 16 A
Fuse protection / power supply	1 x 32 A
Dimensions (WxDxH)	760 x 515 x 199 mm
Surface material	SCHOTT CERAN®
Service life	Max. 150 h / 1 year
Power levels	1 - 9, P
Back cooking zone dimensions	Ø 175 mm
Front cooking zone dimensions	Ø 210 mm
Front cooking zone power	2300 W
Back cooking zone power	1400 W
Front cooking zone power setting	3000 W
Back cooking zone power setting	2100 W
Filter medium	Activated charcoal filter with ion exchanger
Material	Filter panel with fine filter

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
- 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

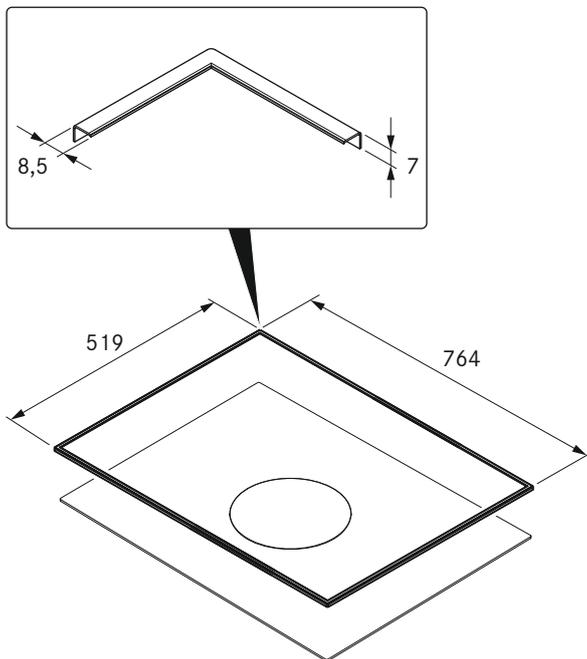
- Activated charcoal filter PUAKE
- Stainless steel grease filter PUEF
- Air inlet nozzle black PUEB
- Air inlet nozzle pink gold PUEG
- Air inlet nozzle red PUEB
- Air inlet nozzle jade green PUEJ
- Air inlet nozzle orange PUEO
- Air inlet nozzle blue PUEB
- UDB25 sealing tape
- BKR760 cooktop frame
- Air purification box telescopic pull-out PULBTA

product- and planning instructions

- The connection cable must be provided at the installation site
- Front power socket
- Telescopic extension (extension up to 80 mm) of the air purification box for the connection to the body back wall
- 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
- Not compatible with BORA universal extractors

BKR760

BORA Basic cooktop frame surface mounting BHA/BHU/BIA/BIU

**technical data**

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

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

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})	35,2 kWh/a	61591
Energy efficiency class	A+	61591
Flow volume		
Fluid dynamic efficiency (FDE _{hood})	33,6 %	61591
Fluid dynamic efficiency class	A	61591
Air flow level 1 minimum	191,9 m ³ /h	61591
Air flow level 9 maximum	618,0 m ³ /h	61591
Air flow power setting (Q _{Max})	625,7 m ³ /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	40,9 dB(A)	60704-2-13
Level 9 maximum	66,1 dB(A)	60704-2-13
Power setting	68,4 dB(A)	60704-2-13
Sound pressure level (additional details)		
Level 1 minimum	28,3 dB(A)	**
Level 9 maximum	53,5 dB(A)	**
Power setting	55,8 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})	43,2	61591
Air volume flow at the best efficiency point (Q _{BEP})	330,1 m ³ /h	61591
Pressure at the best efficiency point (P _{BEP})	441 Pa	61591
Electric power input at the best efficiency point (W _{BEP})	120,4 W	61591

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

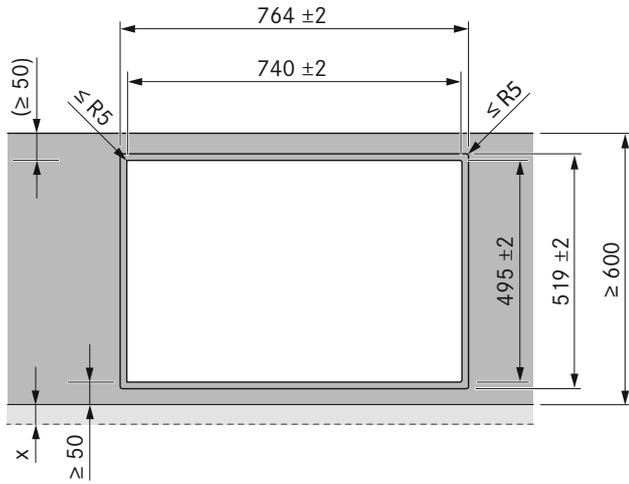
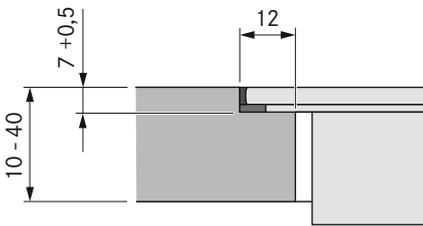
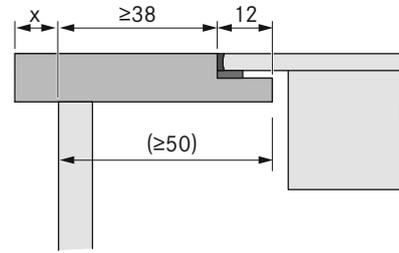
* This specification is not applicable for this product.

** 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.

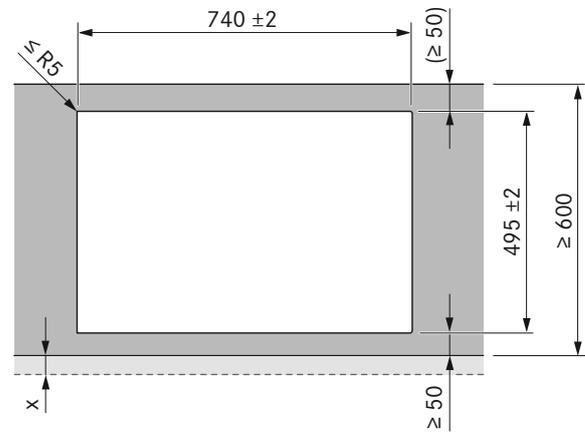
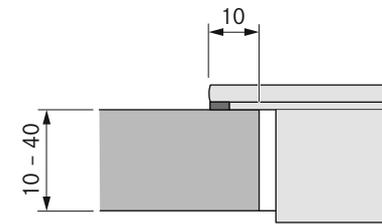
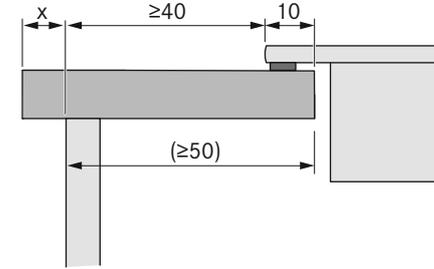
Cut-out dimensions

BORA Pure (PURA/PURU)

Flush installation



Surface mounting (with or without cooktop frame)



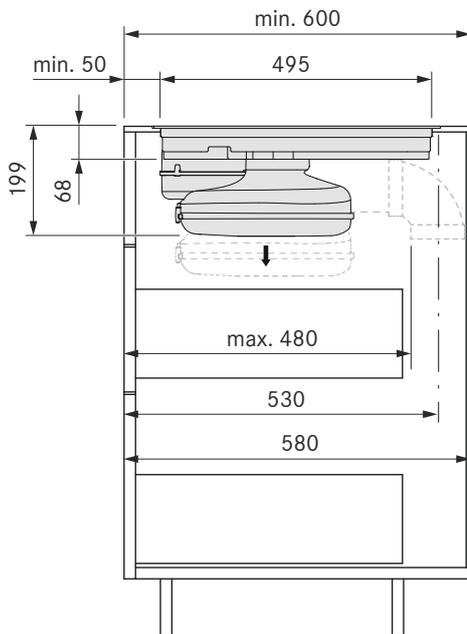
Important planning instructions:

- 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.

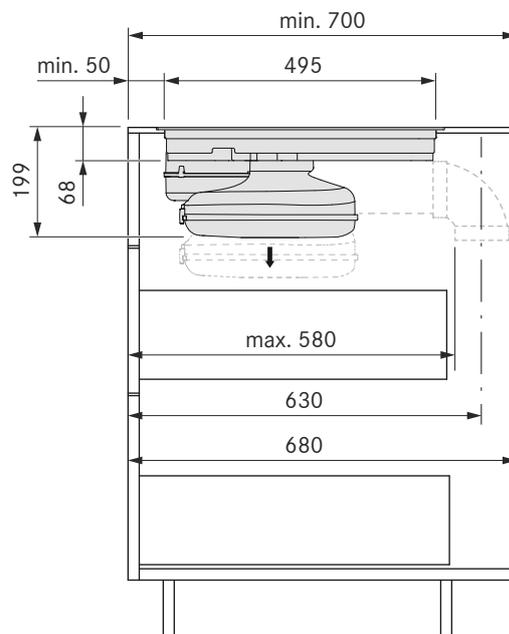
Installation cut-outs

BORA Pure

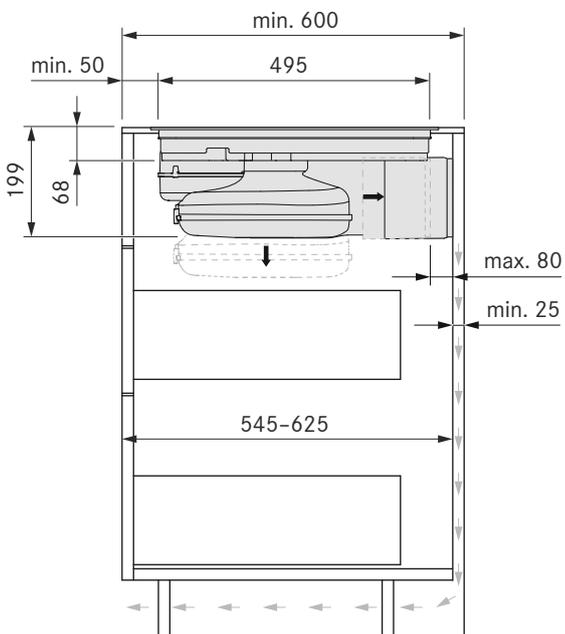
Installation cut-out PURA 600 mm:



Installation cut-out PURA 700 mm:



Installation cut-out PURU:

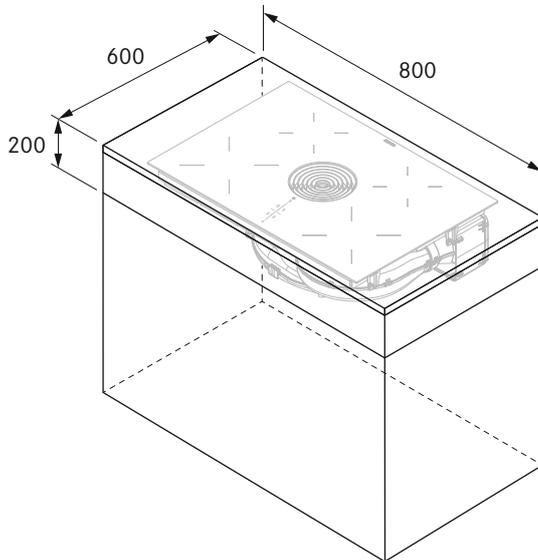


To ensure optimum extraction performance, a return flow aperture of at least 500 cm² for the air recirculation hood must be guaranteed.

Minimum dimensions for installation

BORA Pure

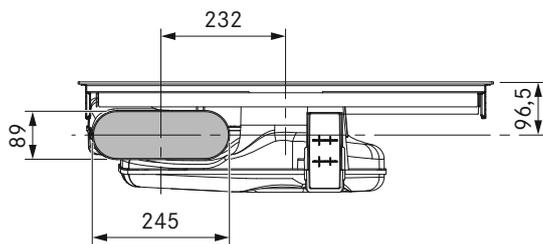
PURA/PURU



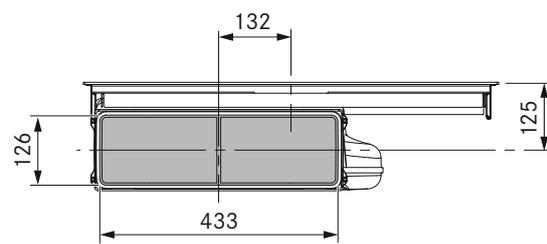
Duct connection dimensions

BORA Pure

Duct connection dimensions PURA with BORA Ecotube duct connection



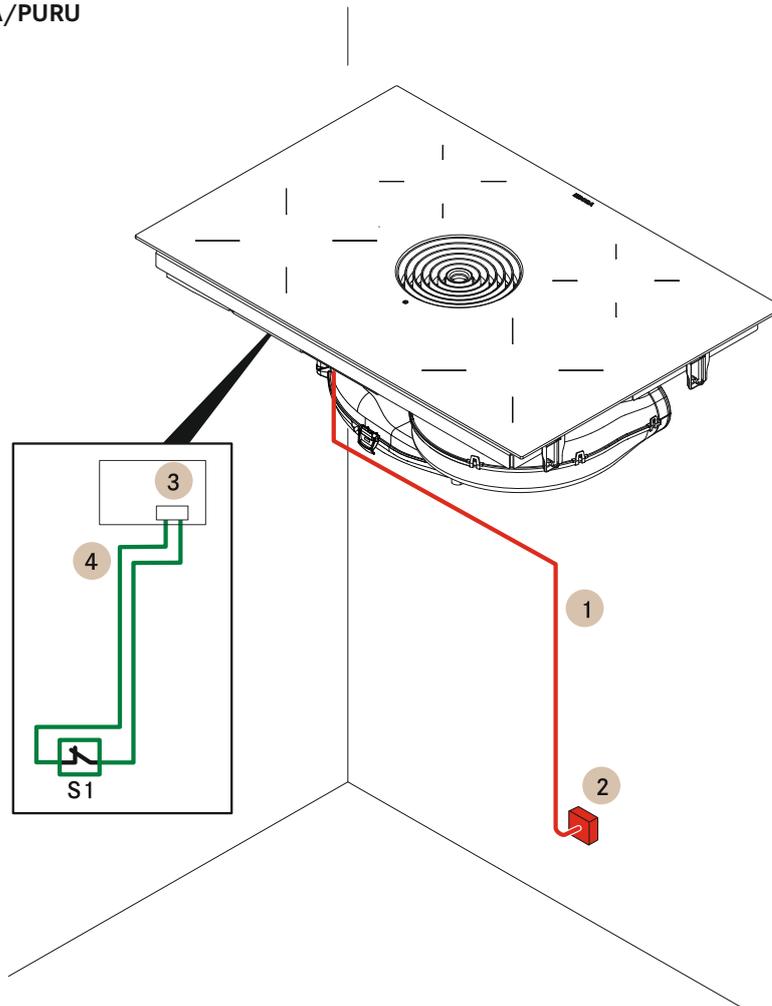
Duct connection dimensions PURU For return flow aperture on the back of the body



Connection diagram

BORA Pure

Pure cooktop extractor PURA/PURU



Position	Description	Note
1	Power supply cable for the cooktop with cooktop extractor	
2	Power supply	L1/L2/L3/N/PE Minimum fuse protection 3 x 16 A
3	Home-In connection	12 V/ 35 mA
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

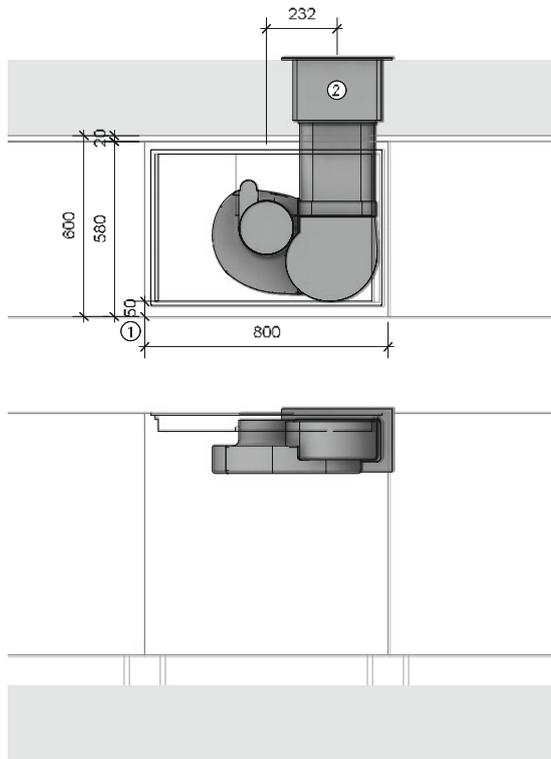
The connection diagram shows the maximum connection options required and is for planning purposes only. The connection itself must be carried out by a qualified specialist based on the operating instructions.

Sample designs

Pure

PURA - exhaust-air variant for kitchen counters

MP_4000 - with rearward airflow



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of 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

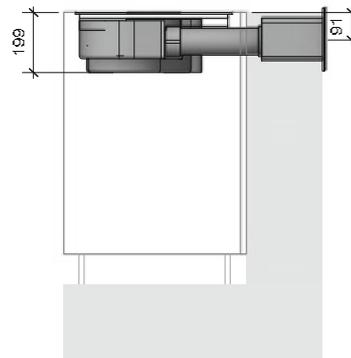
Article BORA

- 1 BORA Pure induction cooktop with integrated cooktop extractor - exhaust air

Article BORA Ecotube

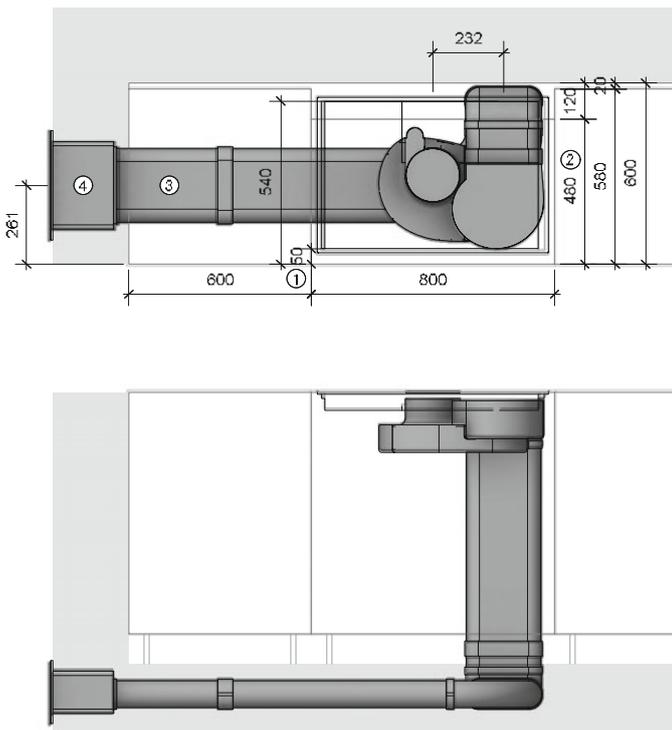
- 1 EFV/1 duct connection flat
- 1 UEBF/1 3box wall sleeve
- 1 EF750/1 shallow duct 750 mm

For moulded parts, sealing material is included with bushing design(s) within the scope of supply



PURA - exhaust-air variant for kitchen counters

MP_4204 - with airflow to the left in the floor



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Reinforcement must be provided for the laying of ducts in the floor structure
- ④ Wall opening 310 x 155 mm, after lower edge until middle opening 71 mm, must be blown completely dry directly regardless of weather conditions

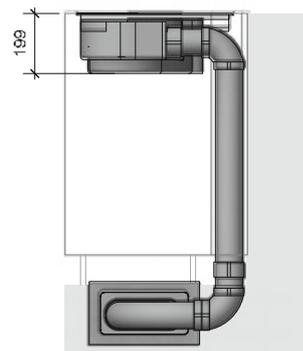
Article BORA

- 1 BORA Pure induction cooktop with integrated cooktop extractor - exhaust air

Article BORA Ecotube

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

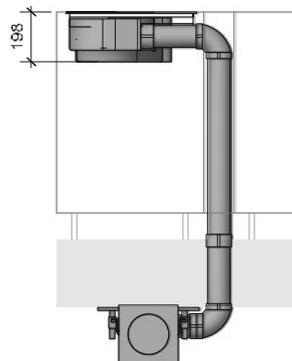
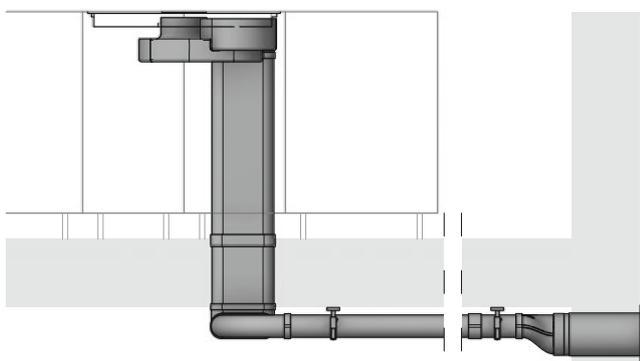
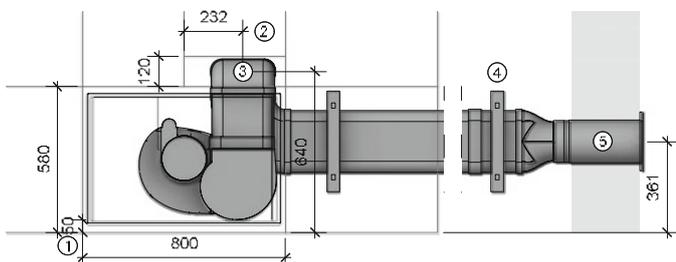


Further sample designs at <https://partner.bora.com>

Sample designs

Pure

PURA - exhaust-air variant for kitchen islands MP_4351 - with airflow to the right in the cellar



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ② Body must be shortened
- ③ Wall opening at least 110 x 270 mm
- ④ Pro 1 m duct recommended use of a mounting bracket set
- ⑤ Core drill hole diameter at least 180 mm, must be blown completely dry directly regardless of weather conditions

Article BORA

- 1 BORA Pure induction cooktop with integrated cooktop extractor - exhaust air

Article BORA Ecotube

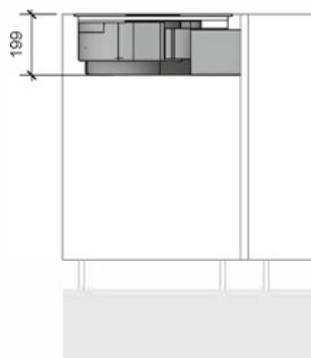
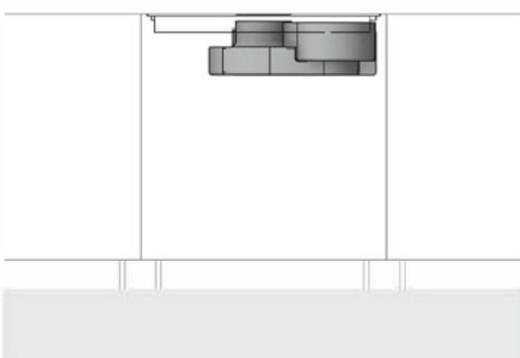
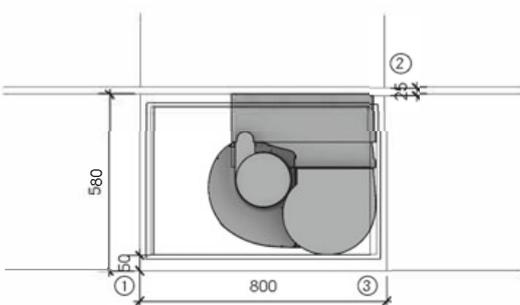
- 1 EFBH90/1 90° bend flat horizontal
- 2 EFBV90/1 90° bend flat vertical
- 1 EFRG/1 transition flat round straight
- 2 EFV/1 duct connection flat
- 1 UEBR/1 3box wall sleeve round
- 2 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

Article BORA Ecotube as required

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

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

PURA - recirculation variant for kitchen islands MP_4420 - with rearward airflow



Planning instructions

- ① Minimum 50 mm from front edge until the beginning of cut-out
- ③ Provide at least 25 mm between body back wall and adjoining element
- ③ Provide a return opening of at least 500 cm² per air purification box

Article BORA

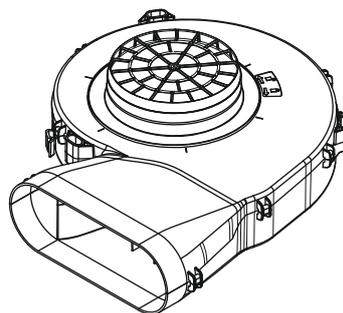
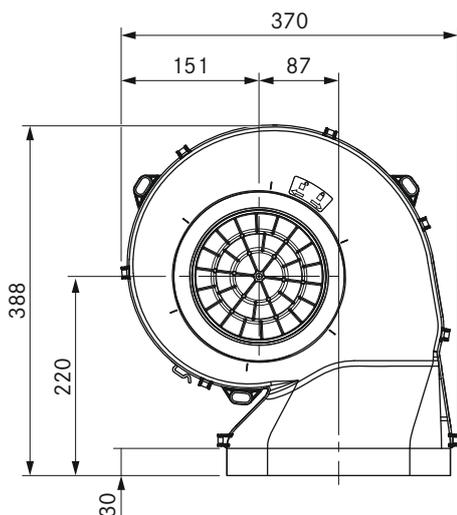
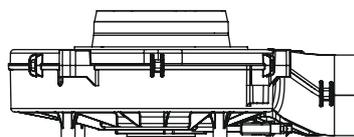
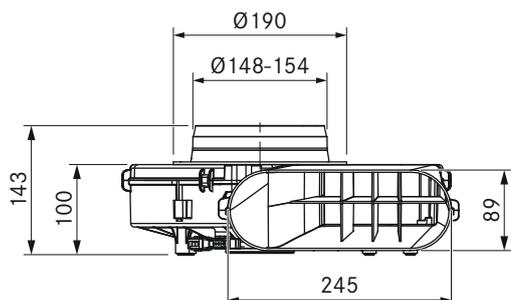
- 1 PURU Pure induction cooktop with integrated cooktop extractor - exhaust air

For moulded parts, sealing material is included with bushing design(s) within the scope of supply

Further sample designs at <https://partner.bora.com>

ULS

BORA plinth fan EC



technical data

Supply voltage	220 - 240 V
Frequency	50 Hz
Power consumption	170 W
Current consumption	Max. 1.4 A
Maximum ambient temperature	40°C
Maximum flow volume	660 m ³ /h
Maximum static pressure	608 Pa
Dimensions (WxDxH)	370 x 388 x 100 mm
duct connection	BORA Ecotube
Weight (excluding accessories/packaging)	2.85 kg
Casing material	Plastic
Connection cable	0.6 m
control line	0.6 m

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

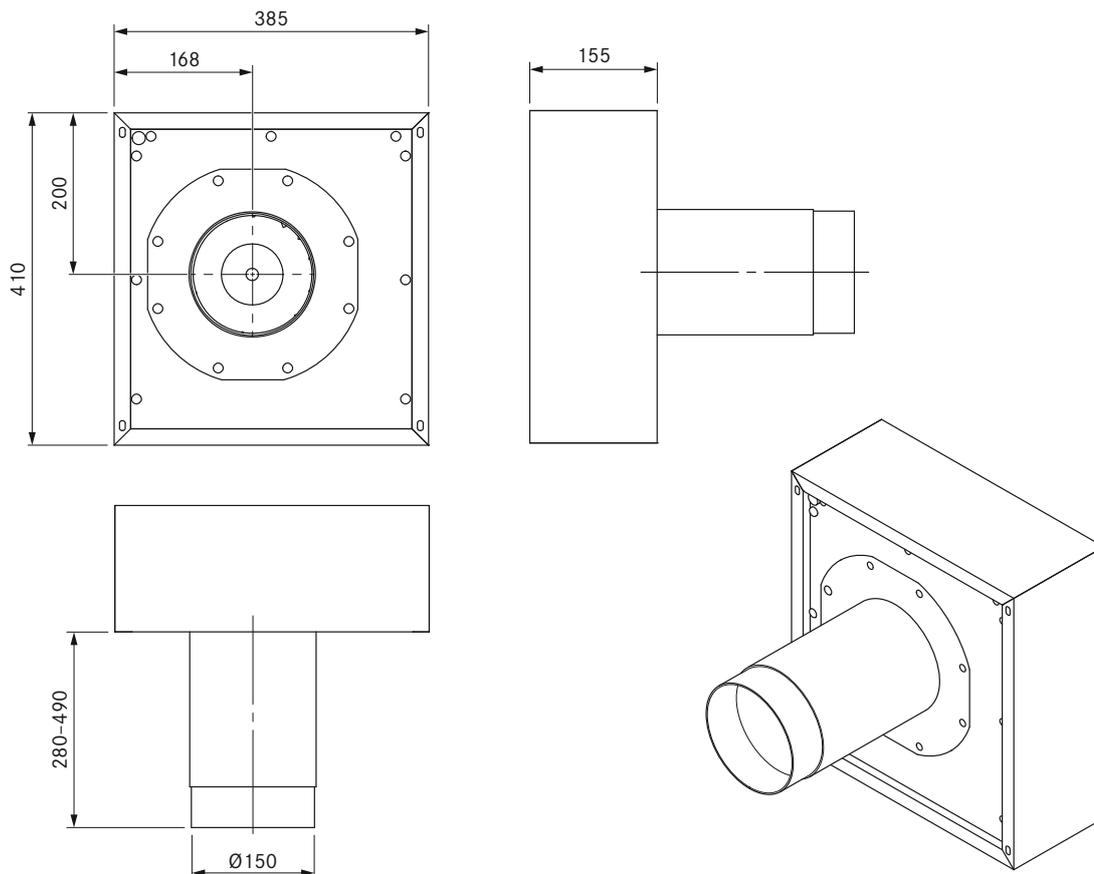
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

product- and planning instructions

- For suspended installation, a bore hole diameter of \varnothing 180 mm is required for the ceiling cut-out
- In case of an exhaust channel of more than 6 m in length or significant pressure losses, the plinth fan must be supplemented with an additional Universal fan module
- 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
- Duct connections with integrated seal

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
Maximum ambient temperature	70 °C
Maximum flow volume	940 m ³ /h
Maximum static pressure	456 Pa
Dimensions (WxDxH)	385 x 155 x 410 mm
Weight (excluding accessories/packaging)	16.5 kg
Casing material	Galvanized steel / stainless steel
Duct connection dimensions	Ø150 mm
Connection cable	10 m
control line	10 m

Product description

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

Scope of delivery

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

Accessories

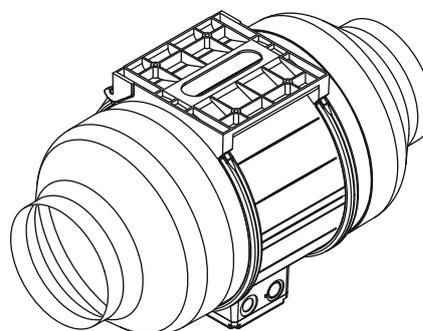
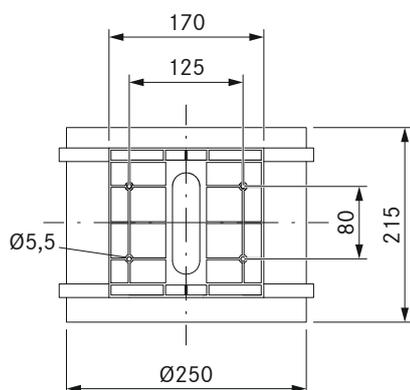
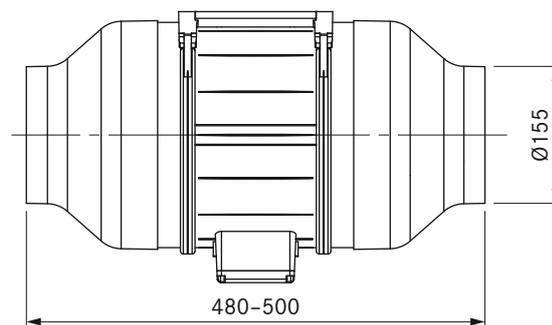
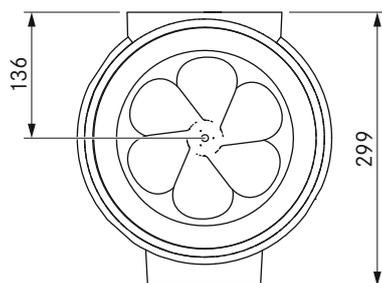
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

product- and planning instructions

- In case of an exhaust channel of more than 6 m in length or significant pressure losses, the external wall fan must be supplemented with an additional Universal fan module
- If there are two fan components in one exhaust air duct system, a minimum distance of 3 m must be observed between these 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

ULI

BORA duct fan EC

**technical data**

Supply voltage	220 - 240 V
Frequency	50 Hz
Power consumption	304 W
Current consumption	2.1 A
Maximum ambient temperature	45°C
Maximum flow volume	1215 m ³ /h
Maximum static pressure	676 Pa
Dimensions (WxDxH)	500 (215) x 250 x 299 mm
Weight (excluding accessories/packaging)	6.0 kg
Casing material	Plastic
Duct connection dimensions	Without reduction: Ø 250 mm; with reduction: Ø 155 mm
Connection cable	10 m
control line	10 m

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 250-155 ULIRR (2 pieces)
- installation instructions

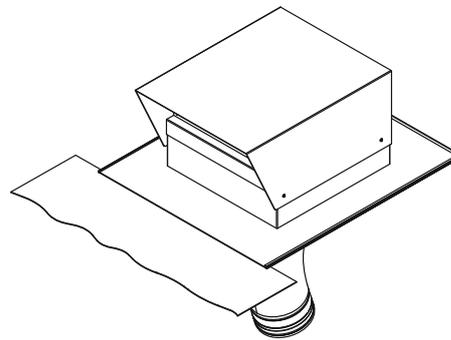
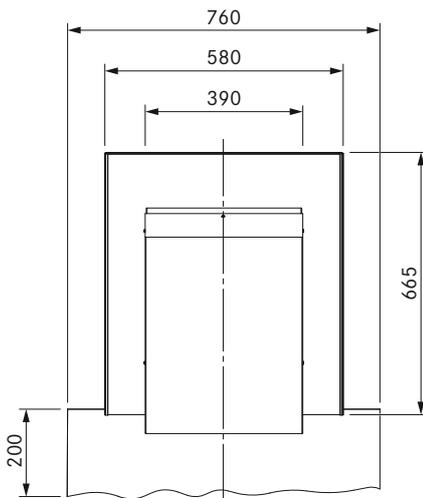
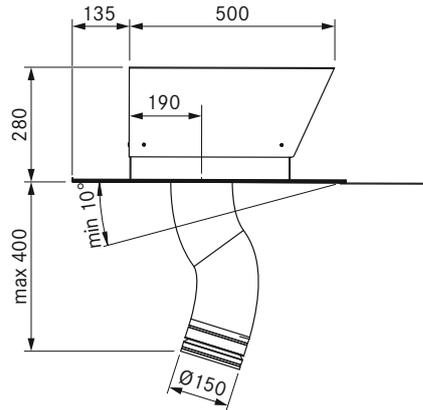
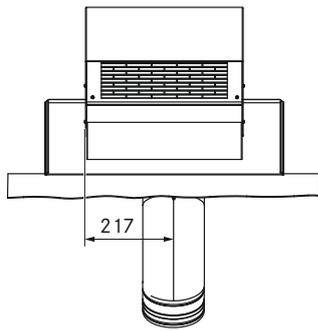
Accessories

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

product- and planning instructions

- Not suitable for installation in wooden units
- In case of an exhaust channel of more than 6 m in length or significant pressure losses, the duct fan must be supplemented with an additional Universal fan module
- Take into account at least 3 m distance from the extractor opening and an additional silencer
- For installation in a round duct system with an average diameter of 155 mm when using a duct reducer
- 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

BORA tiled roof fan EC



technical data

Supply voltage	220 - 240 V
Frequency	50 Hz
Power consumption	206 W
Current consumption	1.66 A
Maximum ambient temperature	70°C
Maximum flow volume	1007 m ³ /h
Maximum static pressure	608 Pa
Dimensions (WxDxH)	390 x 500 x 280 mm
Weight (excluding accessories/packaging)	16.5 kg
Casing material	Galvanized steel / stainless steel
Duct connection dimensions	Ø 150-155 mm
Connection cable	10 m
control line	10 m

Product description

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

Scope of delivery

- ULZ tiled roof fan
- Fabric tube with backflow tap
- installation instructions

Accessories

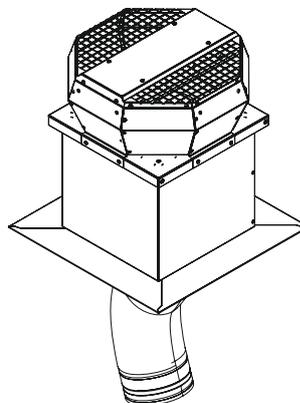
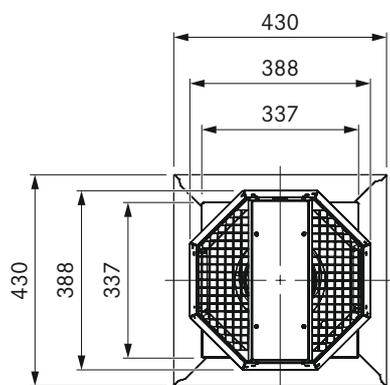
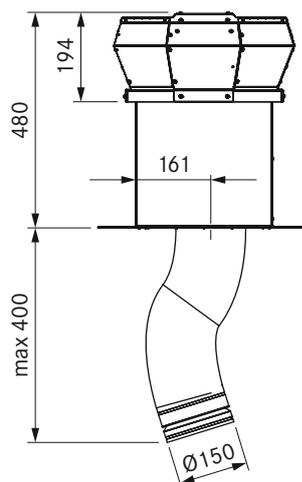
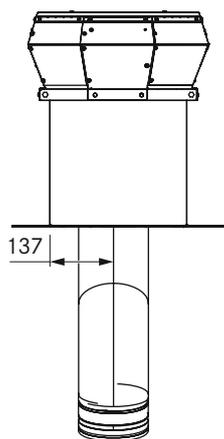
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

product- and planning instructions

- In case of an exhaust channel of more than 6 m in length or significant pressure losses, the tiled roof fan must be supplemented with an additional Universal fan module
- If there are two fan components in one exhaust air duct system, a minimum distance of 3 m must be observed between these 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

ULF

BORA flat roof fan EC



technical data

Supply voltage	220 - 240 V
Frequency	50 Hz
Power consumption	179 W
Current consumption	1.5 A
Maximum ambient temperature	70°C
Maximum flow volume	955 m ³ /h
Maximum static pressure	657 Pa
Dimensions (WxDxH)	337 x 337 x 467 mm
Weight (excluding accessories/packaging)	16.5 kg
Casing material	Galvanized steel / stainless steel
Duct connection dimensions	Ø 150-155 mm
Connection cable	10 m
control line	10 m

Product description

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

Scope of delivery

- ULF flat roof fan
- Fabric tube with backflow tap
- installation instructions

Accessories

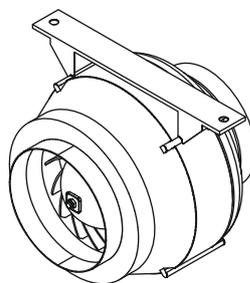
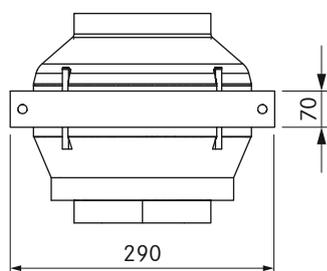
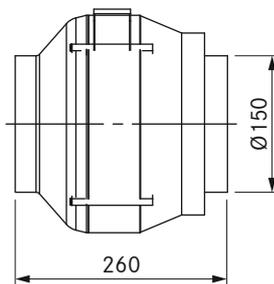
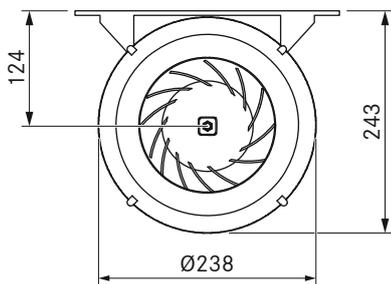
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

product- and planning instructions

- In case of an exhaust channel of more than 6 m in length or significant pressure losses, the flat roof fan must be supplemented with an additional Universal fan module
- If there are two fan components in one exhaust air duct system, a minimum distance of 3 m must be observed between these 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
Dimensions (diameter)	Ø 238 mm
Maximum ambient temperature	55°C
Maximum flow volume	749 m ³ / h
Maximum static pressure	400 Pa
Dimensions (WxDxH)	260 x 243 mm
Weight (excluding accessories/packaging)	4.5 kg
Casing material	Plastic / galvanised metal
Duct connection dimensions	Ø 150-155 mm
Connection cable	10 m

Product description

- Additional fan module
- Complete BORA system

Scope of delivery

- ULIE additional duct fan
- mounting bracket
- installation instructions

Accessories

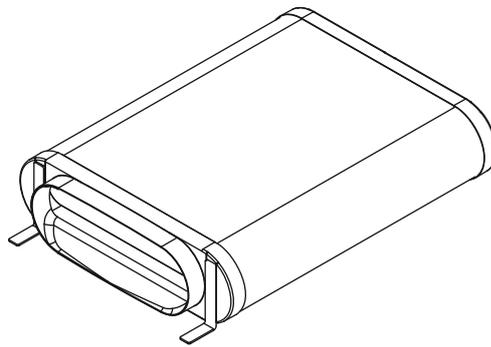
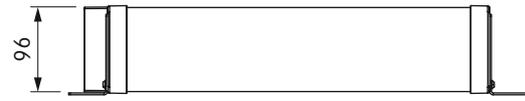
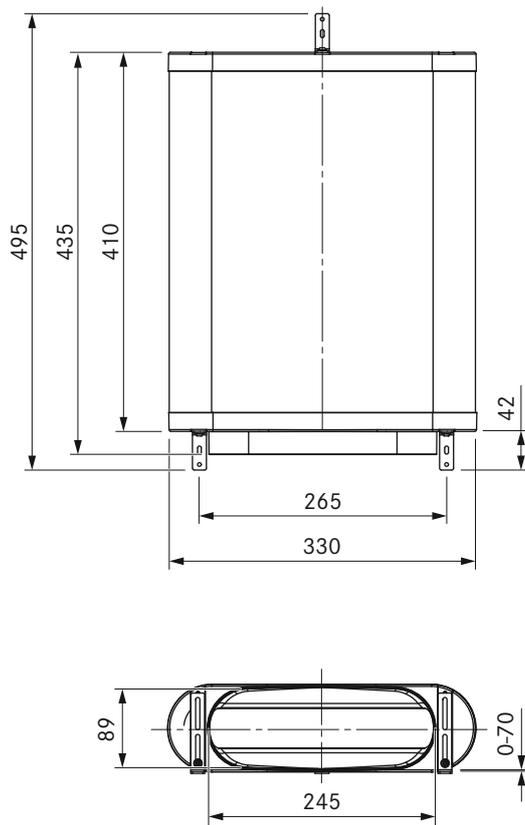
- Universal extension of UVNLE10 mains cable 10 m

product- and planning instructions

- If there are two fan modules in an air duct system, a minimum clearance of 3 m should be maintained between them
- For installation in a round duct system with a diameter of Ø 150 mm
- Fixing elements must be provided at the installation site
- Mounting bracket: bore hole for fixing nut Ø 9 mm

ULB1

BORA air cleaning box Ecotube



technical data

Activated charcoal granulate volume	0.75 kg
Filter material	activated charcoal foam
Dimensions (WxDxH)	330 x 410 x 96 mm
duct connection	BORA Ecotube
Dimensions (flat duct connection)	245 x 89 x 25 mm
Weight (excluding accessories/packaging)	Approx. 2.0 kg
Casing material	Plastic

Product description

- Service life approx. 200 h/1 year
- effective odour removal

Scope of delivery

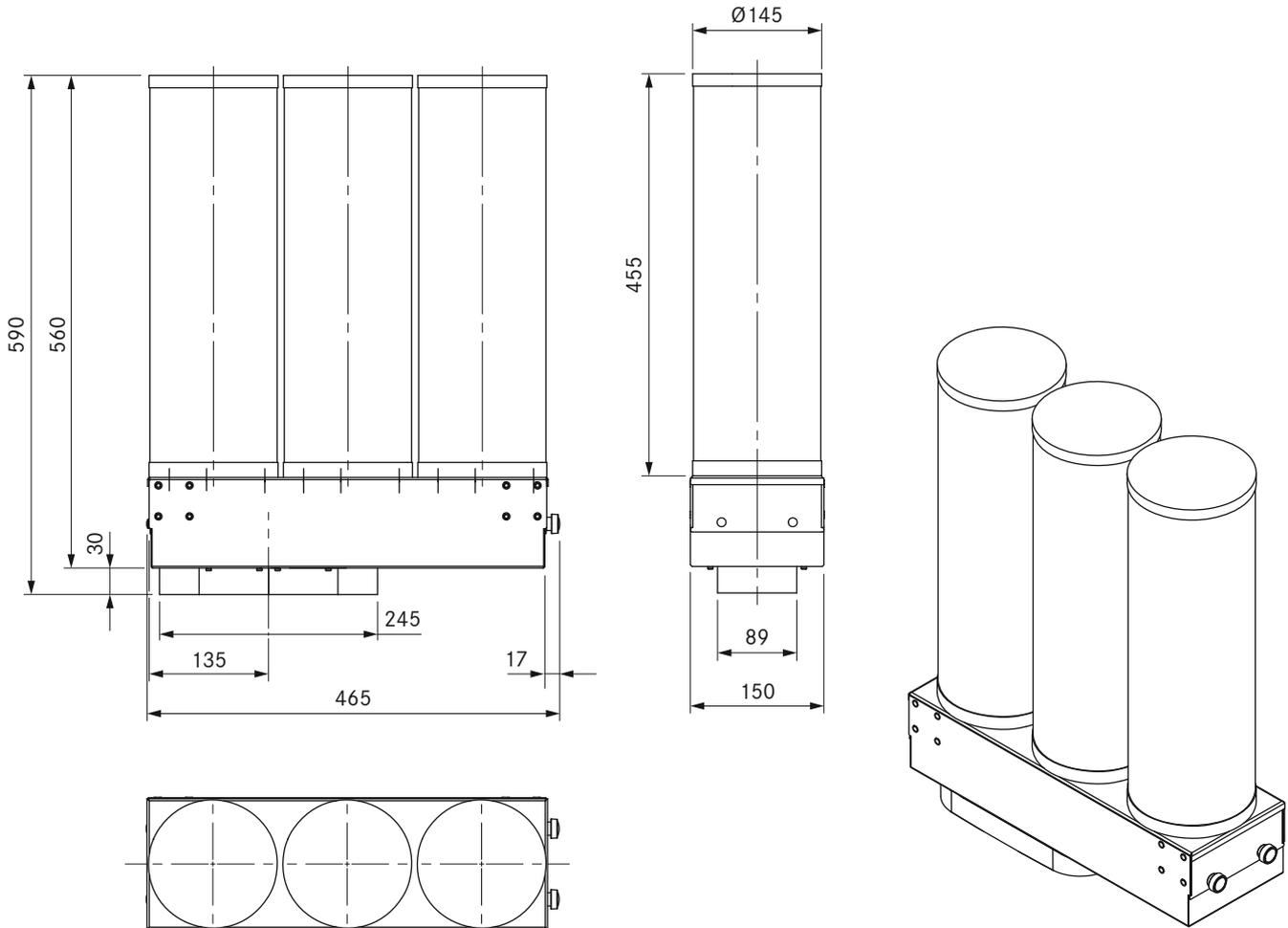
- ULB1 air purification box
- Fixing screw set
- 3 x angle brackets
- operating and installation instructions

product- and planning instructions

- Clearance of at least 4 cm is required to replace the recirculation unit
- A shallow duct connection is required to directly connect the air purification box and the shallow duct
- Diverse installation options
- Duct connection shallow 245 x 89 mm
- 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 cleaning box with 3 activated charcoal filters



technical data

Activated charcoal granulate volume	8.5 kg
Filter material	Activated charcoal granulate
Dimensions (WxDxH)	465 x 560 x 150 mm
duct connection	BORA Ecotube
Dimensions (flat duct connection)	245 x 89 x 30 mm
Weight (excluding accessories/packaging)	Approx. 11.5 kg
Casing material	Galvanised sheet steel

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

- ULB3 air purification box with 3 activated charcoal filters
- 3 x activated charcoal filter cartridges
- Housing plinth
- ULBAS activated carbon filter set
- Fixing screw set
- 2 x angle brackets
- 2 x fastening clips
- operating and installation instructions

Accessories

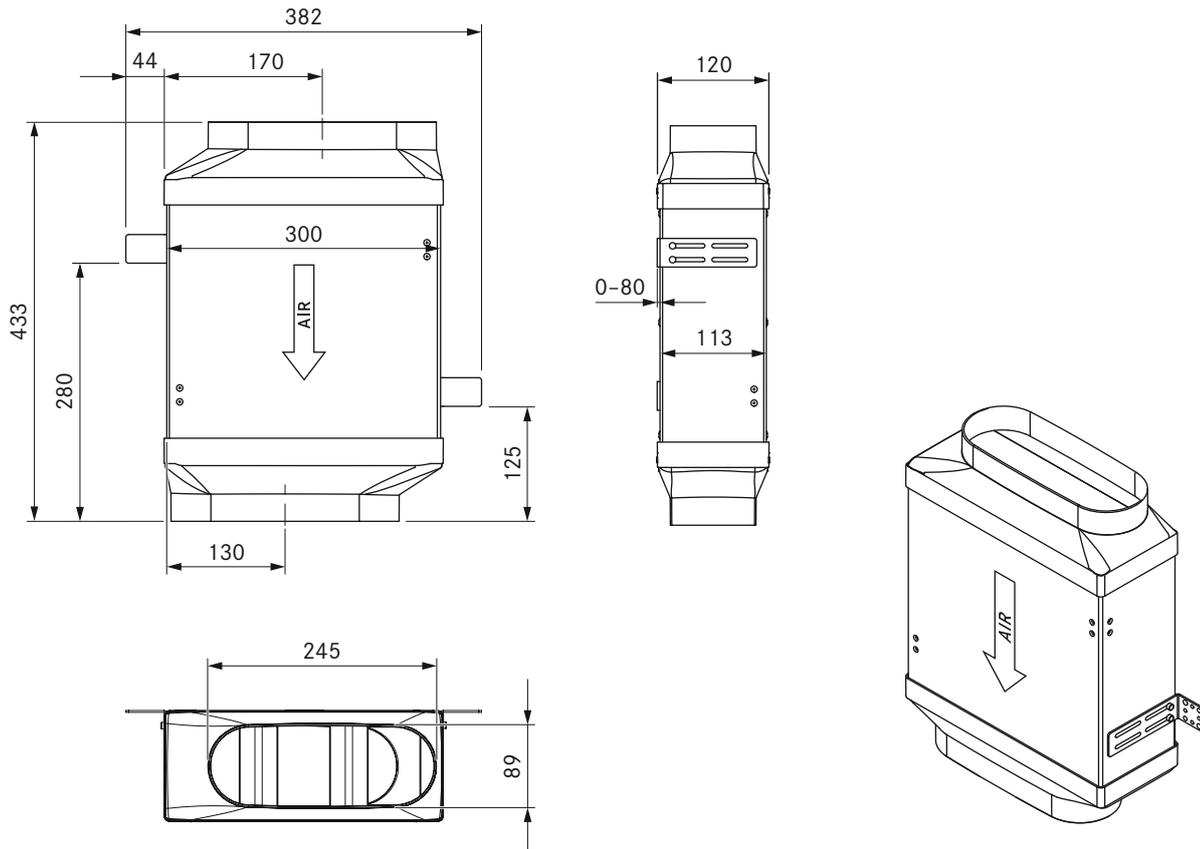
- ULBAS replacement activated charcoal filter set

product- and planning instructions

- Diverse installation options
- Duct connection shallow 245 x 89 mm
- Access for maintenance must be considered during planning
- 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
Insulating layer thickness	25 mm
Insulation surface	0.198 m ²
duct connection	BORA Ecotube

Product description

- Sound pressure level reduction by approx. 8 dB (A)
- Extendible by 100 mm
- Complete BORA system

Scope of delivery

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

Accessories

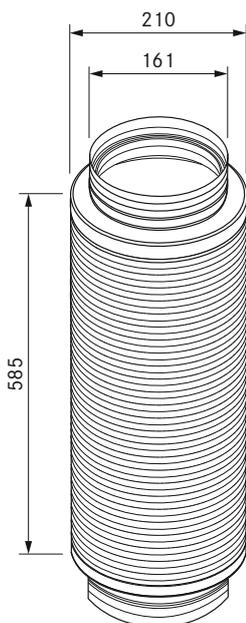
- USDFZ shallow silencer additional module

product- and planning instructions

- Installing the additional module increases the overall height to 530 mm
- Plastic end piece V0 acc. to UL94

USDR50

BORA round silencer 500mm

**technical data**

External duct	Ø 210 mm
Internal duct	150 mm
Overall length	585 mm
Insulating layer thickness	25 mm
Insulation surface	0.236 m ²
duct connection	BORA Ecotube

Product description

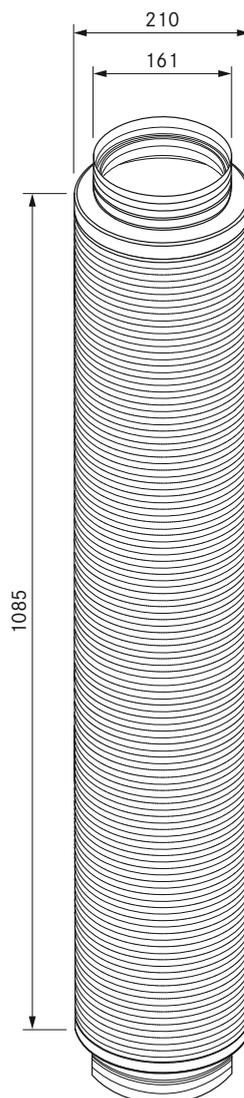
- Sound pressure level reduction by approx. 10 dB (A)
- Complete BORA system

product- and planning instructions

- It is not possible to shorten the length of the round silencer
- Round silencer with round sleeve form
- Recommended for installation in kitchen cabinets

USDR100

BORA round silencer 1000mm

**technical data**

External duct	Ø 210 mm
Internal duct	150 mm
Overall length	1085 mm
Insulating layer thickness	25 mm
Insulation surface	0,471 m ²
duct connection	BORA Ecotube

Product description

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

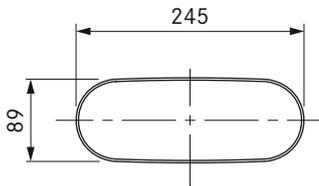
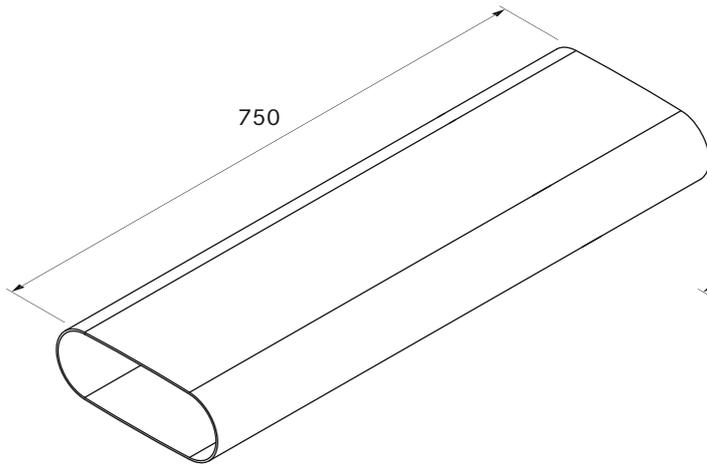
product- and planning instructions

- It is not possible to shorten the length of the round silencer
- Round silencer with round sleeve form
- Recommended for installation in basements

EF750/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube shallow duct 750mm



technical data

Material property	V0 acc. to UL94, B1 acc. to DIN 4102-1
Number of seals required	-
Weight	1.6 kg
Dimensions (WxDxH)	245 x 750 x 89

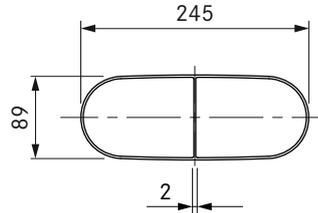
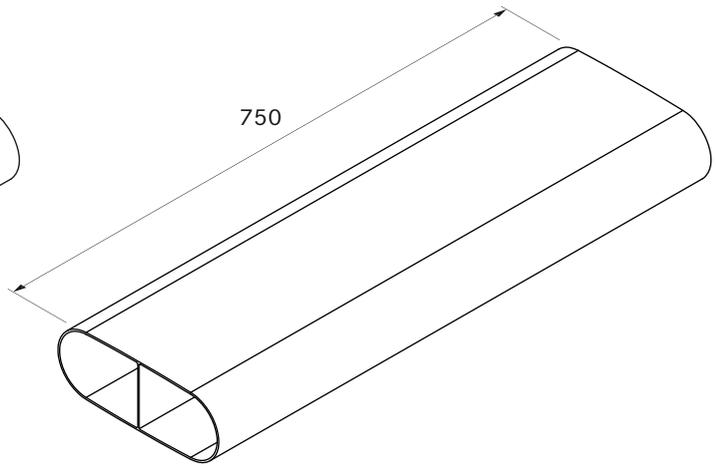
Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Fire protection class V0 and material class B1
- Individually shortenable
- Polished inner walls and oval cross section
- Complete BORA system

EFS750/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube shallow duct with partition 750mm



technical data

Material property	V0 acc. to UL94, B1 acc. to DIN 4102-1
Number of seals required	-
Weight	1.7 kg
Dimensions (WxDxH)	245 x 750 x 89 mm

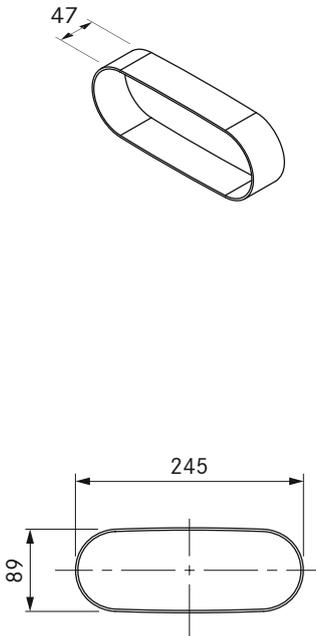
Product description

- 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
- Fire protection class V0 and material class B1
- Individually shortenable
- Polished inner walls and oval cross section
- Complete BORA system

EF47/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube shallow duct 47mm



technical data

Material property	V0 acc. to UL94, B1 acc. to DIN 4102-1
Number of seals required	-
Weight	0.09 kg
Dimensions (WxDxH)	245 x 47 x 89 mm

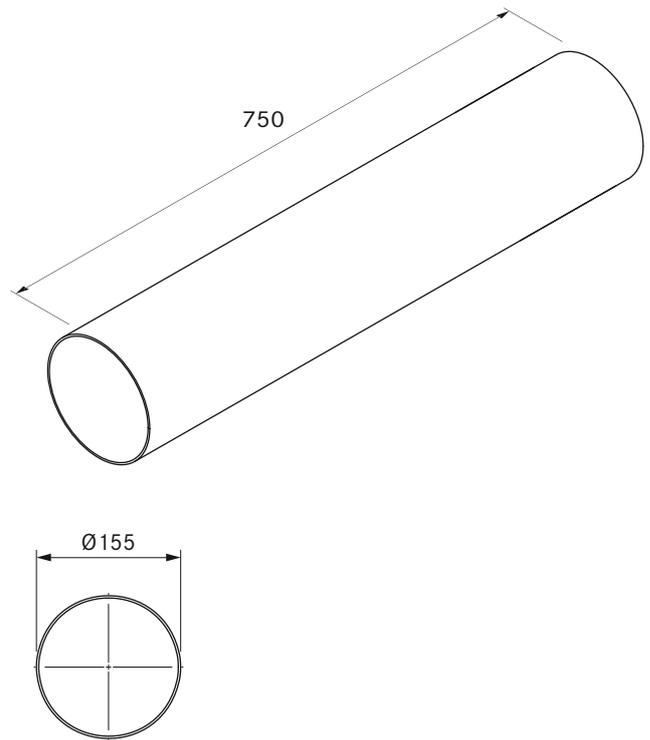
Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Fire protection class V0 and material class B1
- Polished inner walls and oval cross section
- Complete BORA system

ER750/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube round duct, 750mm



technical data

Material property	V0 acc. to UL94, B1 acc. to DIN 4102-1
Number of seals required	-
Weight	1.6 kg
Dimensions (WxDxH)	Ø 155 x 750 mm

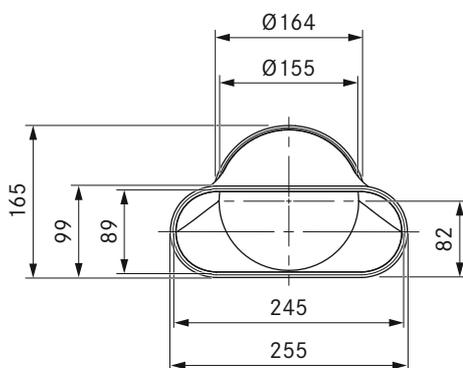
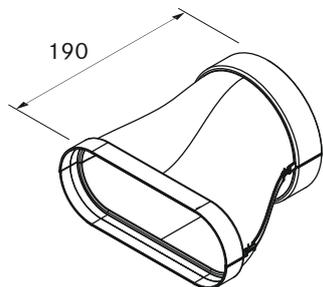
Product description

- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Fire protection class V0 and material class B1
- Individually shortenable
- Including required Ecotube seals
- Complete BORA system

EFRG/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube bridge flat round straight incl. sealing material



technical data

Material property	V0 acc. to UL94
Number of seals required	1 x EFD, 1 x ERD
Weight	0.3 kg
Dimensions (WxDxH)	255 x 190 x 165 mm

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
- Fire protection class V0 and material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x EFD
- 1 x ERD

Accessories

- EFMS/ERMS mounting bracket set

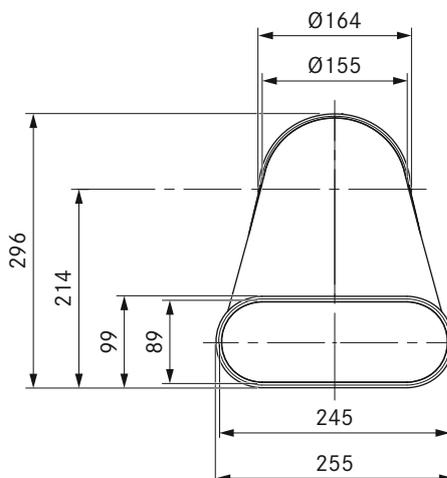
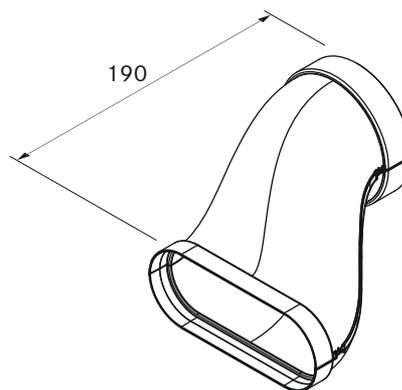
product- and planning instructions

- 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

Material property	V0 acc. to UL94
Number of seals required	1 x EFD, 1 x ERD
Weight	0.35 kg
Dimensions (WxDxH)	255 x 190 x 296 mm

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
- Fire protection class V0 and material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x EFD
- 1 x ERD

Accessories

- EFMS/ERMS mounting bracket set

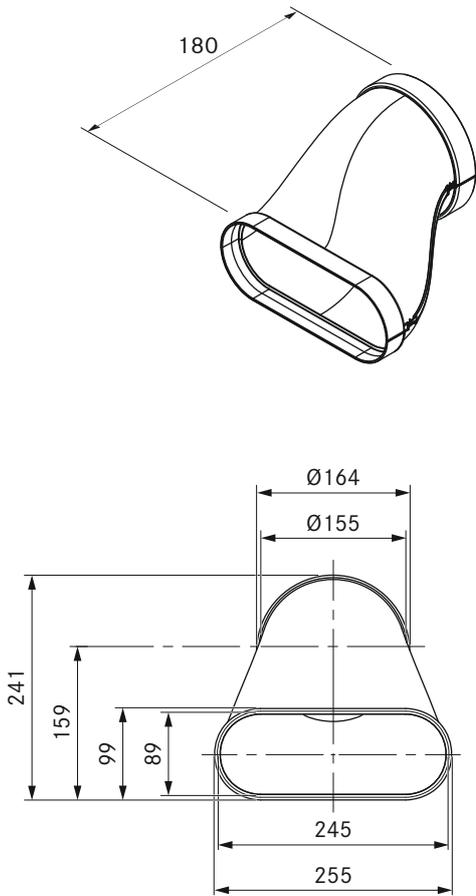
product- and planning instructions

- 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

Material property	V0 acc. to UL94
Weight	0.3 kg
Dimensions (WxDxH)	255 x 180 x 241 mm

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
- Fire protection class V0 and material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x EFD
- 1 x ERD

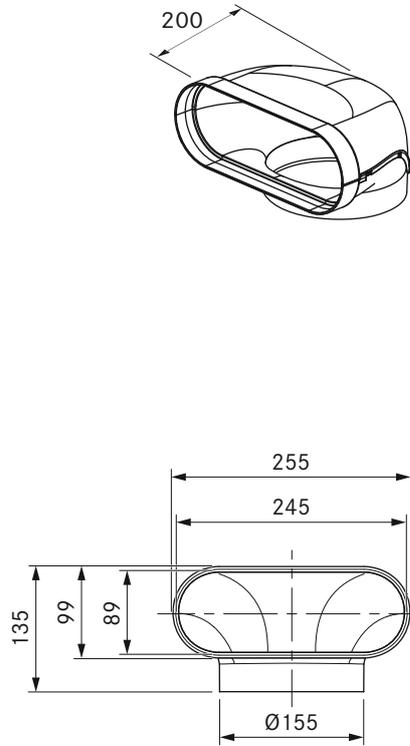
product- and planning instructions

- 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

Material property	V0 acc. to UL94
Number of seals required	1 x EFD
Weight	0.32 kg
Dimensions (WxDxH)	255 x 200 x 135 mm

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
- Fire protection class V0 and material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x EFD

Accessories

- EFMS mounting bracket set

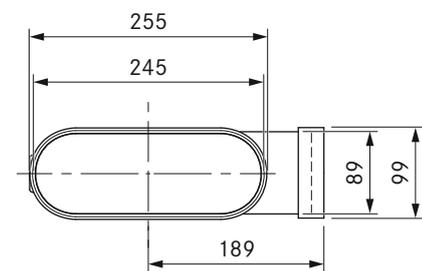
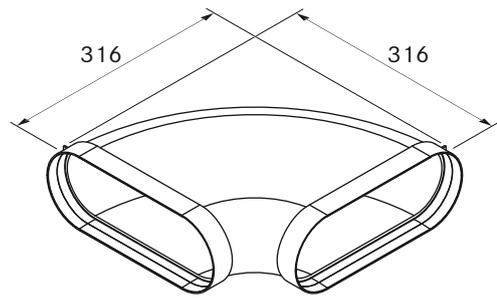
product- and planning instructions

- 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

Material property	V0 acc. to UL94, B1 acc. to DIN 4102-1
Number of seals required	2 x EFD
Weight	0.75 kg
Dimensions (WxDxH)	316 x 316 x 99 mm

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
- Fire protection class V0 and material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 2 x EFD

Accessories

- EFMS mounting bracket set

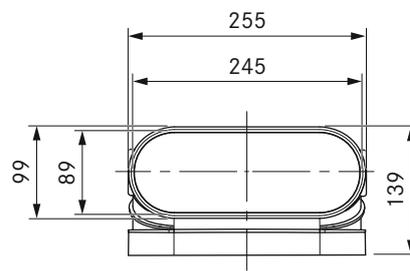
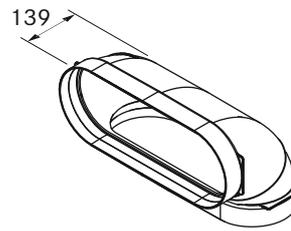
product- and planning instructions

- 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

Material property	V0 acc. to UL94, B1 acc. to DIN 4102-1
Number of seals required	2 x EFD
Weight	0.35 kg
Dimensions (WxDxH)	255 x 139 x 139 mm

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
- Fire protection class V0 and material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 2 x EFD

Accessories

- EFMS mounting bracket set

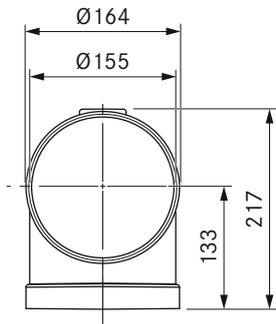
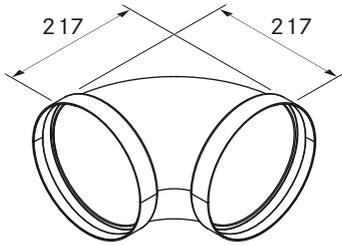
product- and planning instructions

- Moulded part with two shallow sleeve forms

ERB90/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube bend 90° round incl. sealing material



technical data

Material property	V0 acc. to UL94, B1 acc. to DIN 4102-1
Number of seals required	2 x ERD
Weight	0.37 kg
Dimensions (WxDxH)	Ø 164 x 217 x 217 mm

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
- Fire protection class V0 and material class B1
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 2 x ERD

Accessories

- ERMS mounting bracket set

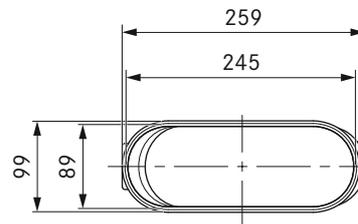
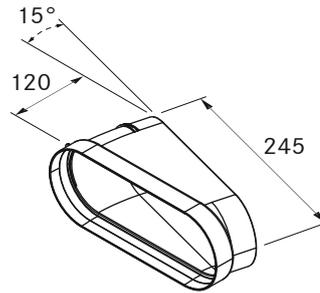
product- and planning instructions

- 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

Material property	V0 acc. to UL94, B1 acc. to DIN 4102-1
Number of seals required	1 x EFD
Weight	0.21 kg
Dimensions (WxDxH)	259 x 120 x 99 mm

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
- Fire protection class V0 and material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 1 x EFD

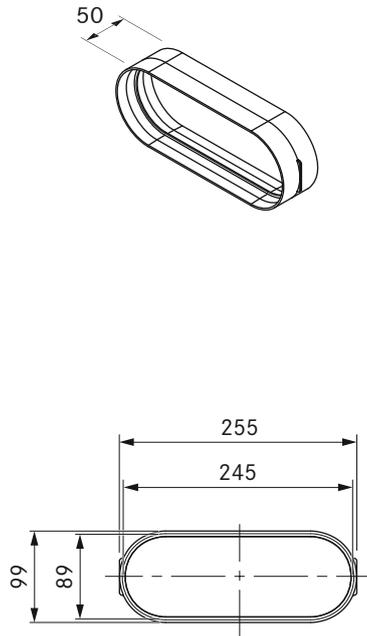
Accessories

- EFMS mounting bracket set

product- and planning instructions

- Moulded part with a shallow sleeve form

BORA Ecotube duct connection flat incl. sealing material



technical data

Material property	V0 acc. to UL94, B1 acc. to DIN 4102-1
Number of seals required	2 x EFD
Weight	0.12 kg
Dimensions (WxDxH)	255 x 50 x 99 mm

Product description

- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Fire protection class V0 and material class B1
- Polished inner walls and oval cross section
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 2 x EFD

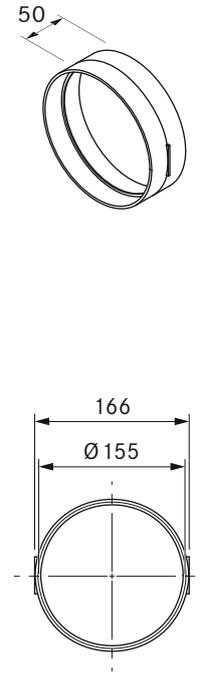
Accessories

- EFMS mounting bracket set

product- and planning instructions

- Moulded part with two shallow sleeve forms

BORA Ecotube duct connection round incl. sealing material



technical data

Material property	V0 acc. to UL94, B1 acc. to DIN 4102-1
Number of seals required	2 x ERD
Weight	0.1 kg
Dimensions (WxDxH)	166 x 50 mm

Product description

- own duct system
- Full flexibility in the exhaust ducting
- Fire protection class V0 and material class B1
- 100% tight without additional taping
- Including required Ecotube seals
- Complete BORA system

Scope of delivery

- 2 x ERD

Accessories

- ERMS mounting bracket set

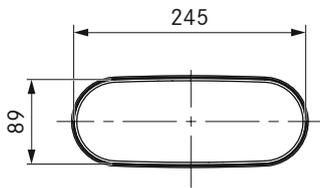
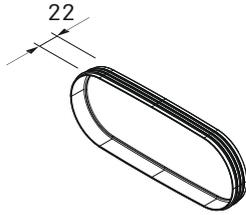
product- and planning instructions

- Moulded part with two round sleeve forms

EFD/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube flat seal



technical data

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

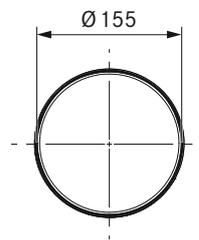
Product description

- own duct system
- Full flexibility in the exhaust ducting
- Complete BORA system

ERD/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube round seal



technical data

Material property	Self-extinguishing pursuant to DIN 75200
Weight	0.03 kg
Dimensions (WxDxH)	160 x 22 mm

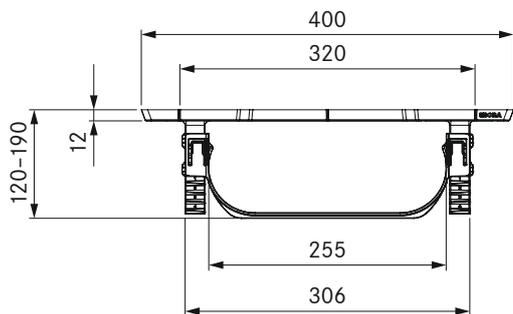
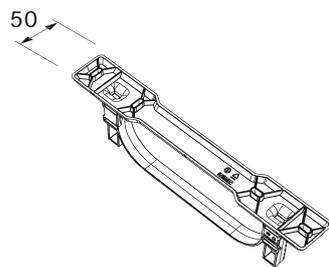
Product description

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

EFMS/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube installation kit flat



technical data

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

Product description

- own duct system
- Fire protection class V0 and material class B1
- Complete BORA system

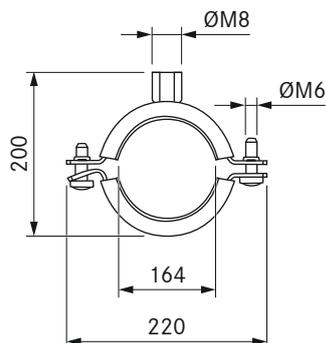
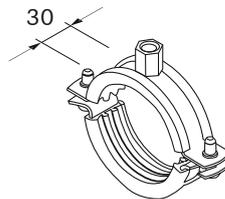
product- and planning instructions

- Fixing elements must be provided at the installation site
- The EFMS clamps the connection of the moulded parts
- One mounting bracket set per 1m duct is recommended

ERMS/1

BORA DUCT SYSTEM &
WALL SLEEVE

BORA Ecotube installation set round



technical data

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

Product description

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

Scope of delivery

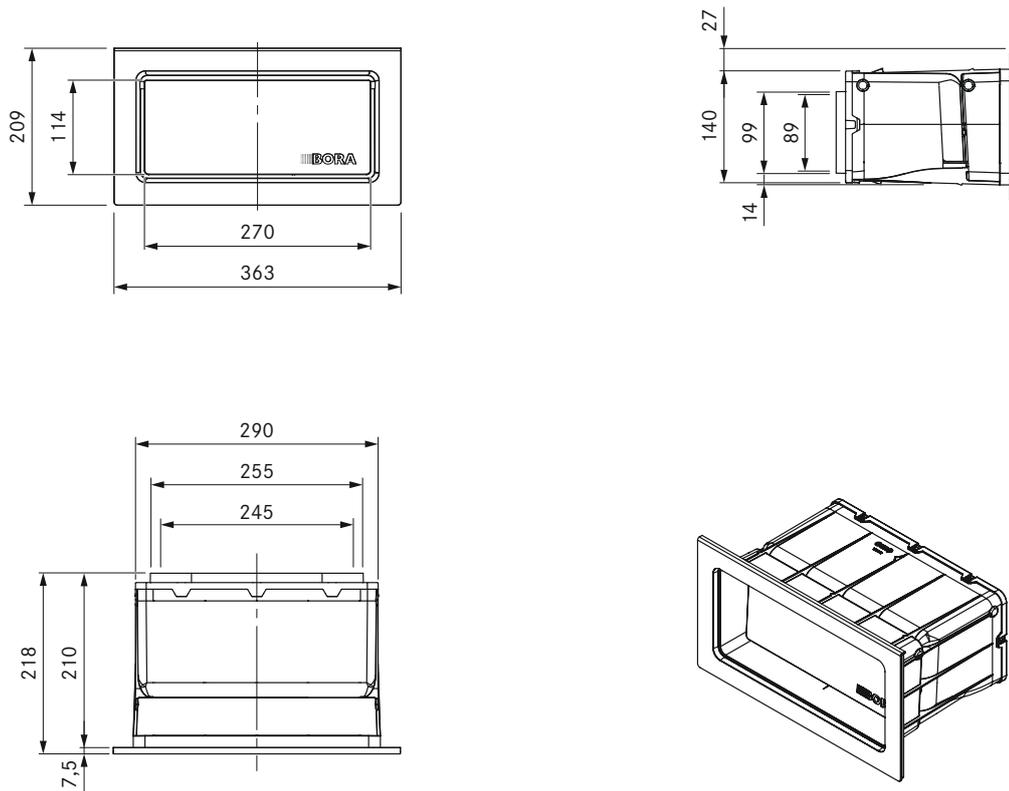
- Pipe clip
- M8 hanger bolt
- Corresponding dowel

product- and planning instructions

- Fixing elements must be provided at the installation site
- The ERMS clamps the connection of the moulded parts
- One mounting bracket set per 1m duct is recommended

UEBF/1

BORA 3box wall sleeve incl. sealing material



technical data

Weight (incl. accessories/packaging)	Approx. 2.8 kg
Dimensions (flat duct connection)	245 x 98 mm
Wall sleeve dimensions (WxDxH)	290 x 210 x 140 mm
Cover dimensions (WxDxH)	363 x 7.5 x 209 mm
Material	Plastic / stainless steel

Product description

- Optimal extraction performance with the lowest possible noise level
- Purely mechanical operation
- 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
- Complete BORA system

Scope of delivery

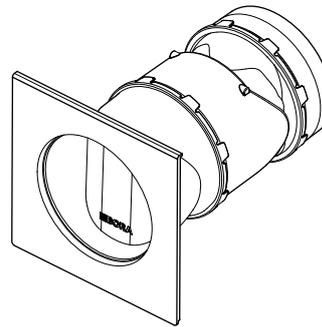
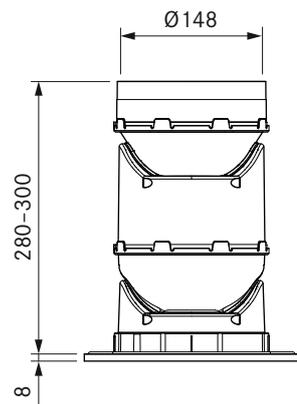
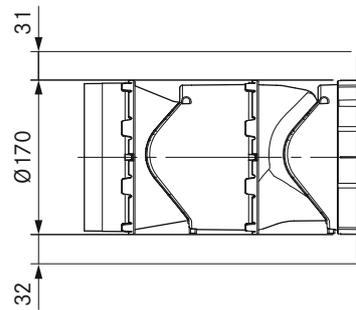
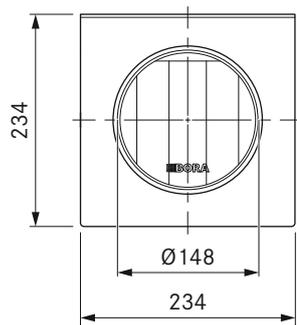
- UEBF BORA 3box
- 6 x mounting wedges made of EPS
- operating and installation instructions
- 1 x EFD

product- and planning instructions

- Wall opening: 310 x 155 mm
- Ecotube duct connection with a shallow sleeve form

UEBR

BORA 3box wall sleeve round incl. sealing material



technical data

Material	Plastic / stainless steel
Weight (incl. accessories/packaging)	Approx. 2.0 kg
Wall sleeve dimensions (WxDxH)	Ø 170 x 280 - 300 mm
Cover dimensions (WxDxH)	234 x 8 x 234 mm
connection round duct	Ø 155 mm

Product description

- Optimal extraction performance with the lowest possible noise level
- Purely mechanical operation
- Reduced installation effort
- Shortenable sleeve design
- Plaster cover
- Outstanding insulation value
- Integrated water drainage to the outside
- Low pressure resistance during operation
- Optimised opening pressure
- UV resistant materials

Scope of delivery

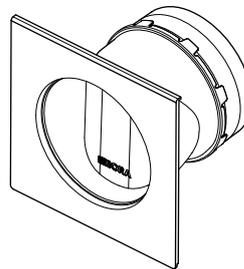
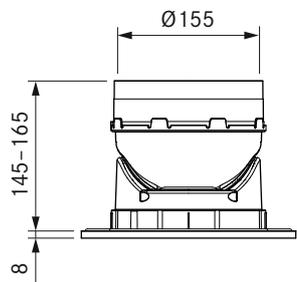
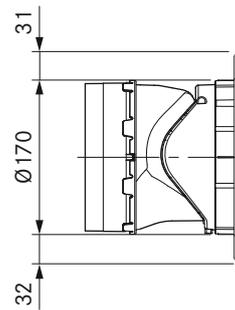
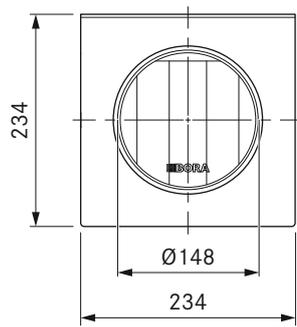
- BORA 3box UEBR
- Plaster cover
- installation instructions
- 1 x ERD

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)

UEBRK

BORA 3box wall sleeve round short incl. sealing material



technical data

Material	Plastic / stainless steel
Weight (excluding accessories/packaging)	Approx. 1.5 kg
Wall sleeve dimensions (WxDxH)	Ø 170 x 145 - 165 mm
Cover dimensions (WxDxH)	234 x 8 x 234 mm
connection round duct	Ø 155 mm

Product description

- Optimal extraction performance with the lowest possible noise level
- Purely mechanical operation
- Reduced installation effort
- Shortenable sleeve design
- Plaster cover
- Installation in thin walls
- Integrated water drainage to the outside
- Low pressure resistance during operation
- Optimised opening pressure
- UV resistant materials

Scope of delivery

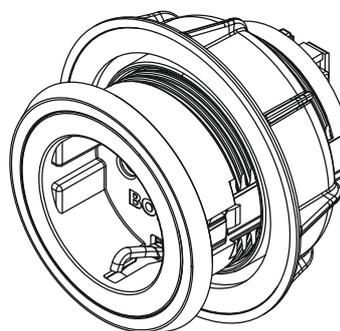
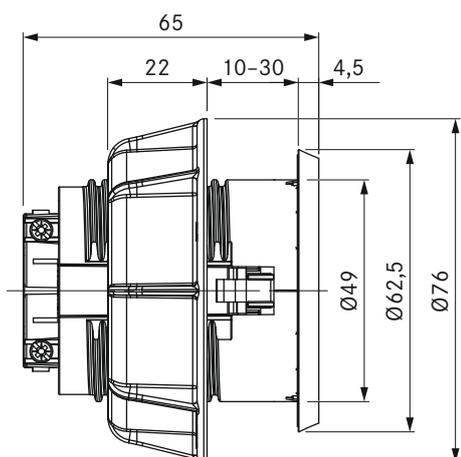
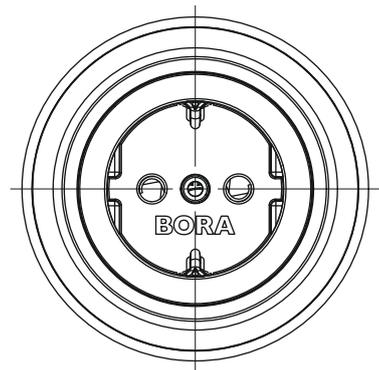
- BORA 3box UEBRK
- Plaster cover
- installation instructions
- 1 x ERD

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)

USTF / USTFAB

BORA socket type F / BORA All Black socket type F



technical data

Supply voltage	220 - 240 V
Maximum rated power	16 A (type F)
Dimensions (diameter)	Ø 62.5 mm
Dimensions (thickness)	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

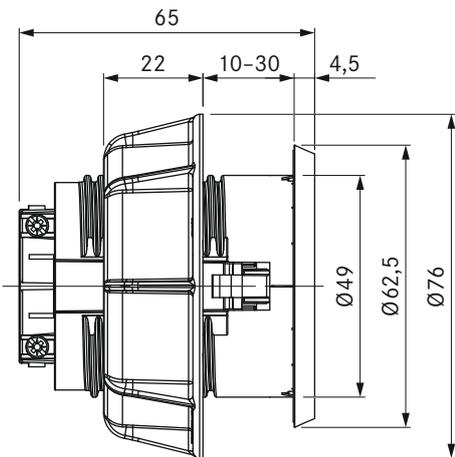
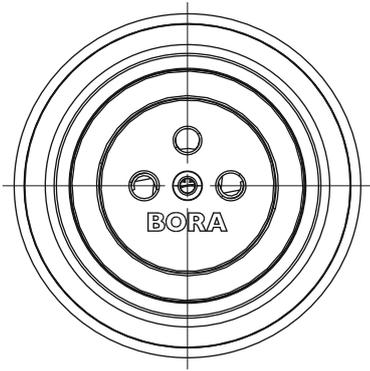
product- and planning instructions

- A practical way of connecting electrical domestic appliances
- Only for unit installation in kitchen cupboards with a front thickness of 10 mm to 30 mm

USTE / USTEAB

BORA UNIVERSAL ARTICLE
ACCESSORIES

BORA socket type E / BORA socket type E All Black



technical data

Supply voltage	220 - 240 V
Maximum rated power	16 A (type E)
Dimensions (diameter)	Ø 62.5 mm
Dimensions (thickness)	4.5 mm

Product description

- Connectivity for small electrical kitchen appliances
- Integrated childproofing feature
- Suitable for FR, PL, DK, 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

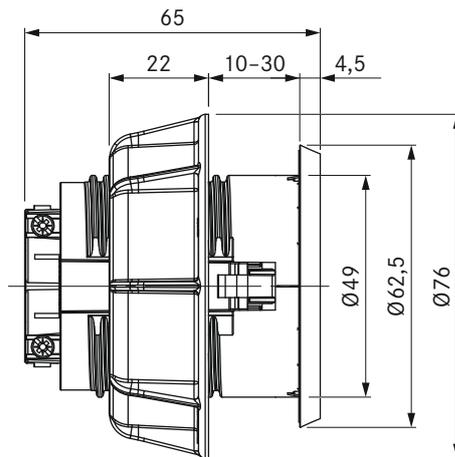
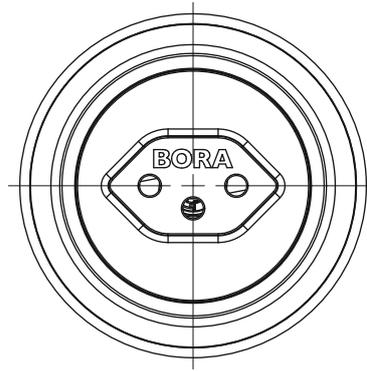
product- and planning instructions

- A practical way of connecting electrical domestic appliances
- Only for unit installation in kitchen cupboards with a front thickness of 10 mm to 30 mm

USTJ / USTJAB

BORA UNIVERSAL ARTICLE
ACCESSORIES

BORA socket type J / BORA socket type J All Black



technical data

Supply voltage	220 - 240 V
Maximum rated power	10 A (type J)
Dimensions (diameter)	Ø 62.5 mm
Dimensions (thickness)	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

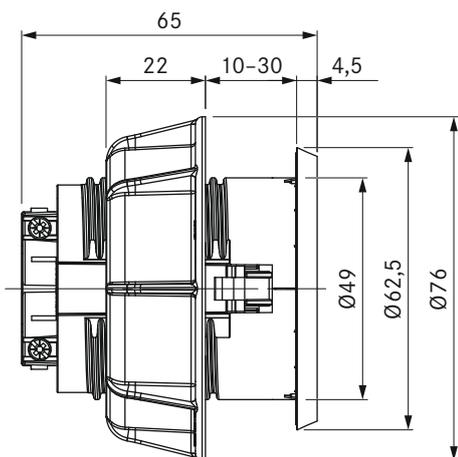
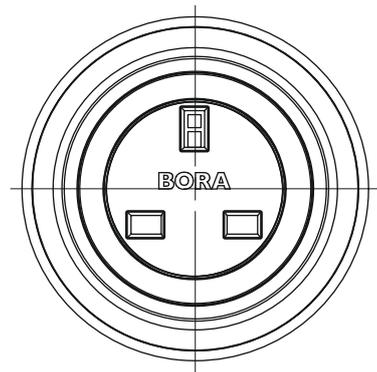
product- and planning instructions

- Only for unit installation in kitchen cupboards with a front thickness of 10 mm to 30 mm
- A practical way of connecting electrical domestic appliances

USTG / USTGAB

BORA UNIVERSAL ARTICLE
ACCESSORIES

BORA socket type G / BORA socket type G All Black



technical data

Supply voltage	220 - 240 V
Maximum rated power	13 A (type G)
Dimensions (diameter)	Ø 62.5 mm
Dimensions (thickness)	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

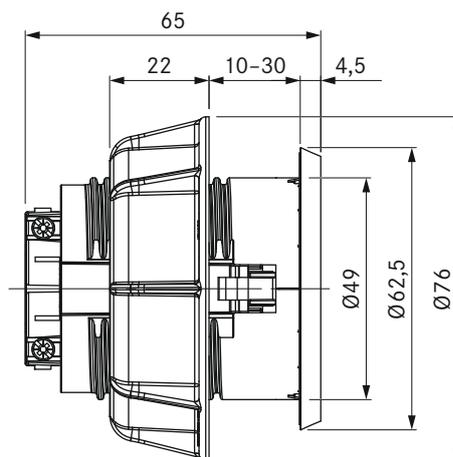
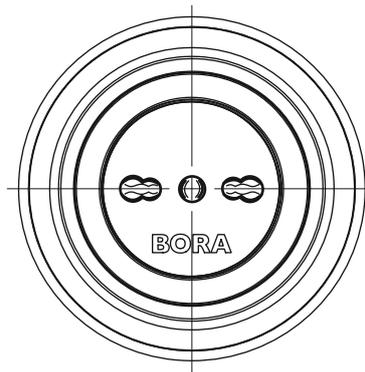
product- and planning instructions

- A practical way of connecting electrical domestic appliances
- Only for unit installation in kitchen cupboards with a front thickness of 10 mm to 30 mm

USTL / USTLAB

BORA UNIVERSAL ARTICLE
ACCESSORIES

BORA socket type L / BORA socket type L All Black



technical data

Supply voltage	220 - 240 V
Maximum rated power	16 A (type L)
Dimensions (diameter)	Ø 62.5 mm
Dimensions (thickness)	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

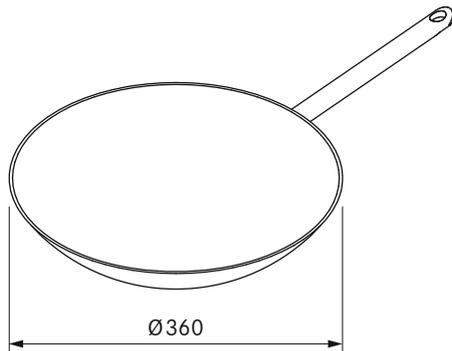
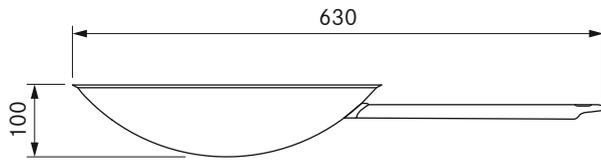
- Socket USTL
- 2 m connection cable with country-specific plug

product- and planning instructions

- A practical way of connecting electrical domestic appliances
- Only for unit installation in kitchen cupboards with a front thickness of 10 mm to 30 mm

HIW1

BORA induction wok pan



technical data

Surface material	Silvinox®
Dimensions (diameter)	Ø 360 mm
Pan material	Multi-layer material up to the edge with special coating
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 Classic 2.0 accessories Highlights



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

BORA Basic accessories Highlights



BFIED

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

- Quick commissioning
- matching accessories



BEDAB

BORA Basic air inlet nozzle All Black

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



BKR760

BORA Basic cooktop frame surface mounting
BHA/BHU/BIA/BIU

BKR830

BORA Basic cooktop frame surface mounting
BFIA/BFIU

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

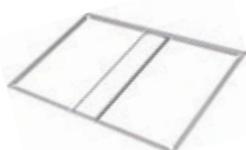
BORA Classic accessories Highlights



CKAEG

BORA Classic inlet grille

- Quick commissioning
- matching accessories



CER

BORA Classic inlay-frame

- Semi-flush installation
- matching accessories

BORA Pure accessories

Highlights



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



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 rose gold

- Automatic centring
- Colourful inlet nozzles
- 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



BKR760

BORA Basic cooktop frame surface mounting

BHA/BHU/BIA/BIU

BORA universal article accessories

Highlights



USTF
BORA socket type F

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



USTFAB
BORA All Black socket type F



HIW 1
BORA induction wok pan

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



USTE
BORA socket type E

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



USTEAB
BORA socket type E All Black



UGS
BORA glass ceramic scraper

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



USTJ
BORA socket type J

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



USTJAB
BORA socket type J All Black



PTTS 1
BORA Pro Tepan spatula

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



USTG
BORA socket type G

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



USTGAB
BORA socket type G All Black



USTL
BORA socket type L

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



USTLAB
BORA socket type L All Black



UFKS
BORA window contact switch

- Safety
- Certified device



UWM 1
BORA wind gauge

- Quick function test



USDFZ
BORA additional module for shallow silencer 100mm

- Additional reduction of the sound pressure level by approx. 2 dB (A)

BORA Grease filter



PKA 1FF

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



BFF

BORA Basic stainless steel grease filter BH/BI/BF

- Optimal grease removal
- matching accessories
- Complete BORA system



PUEF

BORA Pure stainless steel grease filter

- Optimal grease removal
- matching accessories
- Complete BORA system



UEF

BORA stainless steel grease filter PL540/PL540E/CKAS/CKASE

- Optimal grease removal
- Complete BORA system

BORA Odour filter



PUAKF

BORA Pure active carbon filter

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



BAKFS

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

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



ULB1

BORA air cleaning box Ecotube

- Service life approx. 200 h/1 year
- effective odour removal



ULB3

BORA air cleaning 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

Function matrix

for all product lines and appliances

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

	BORA Classic 2.0							BORA Classic							BORA Basic						BORA Pure	
	CKA2	CKFI	CKI	CKIW	CKCH	CKCB	CKT	CKASE	CFI11	CI11	CIW1	CCH1	CG11	CT1	BFIA	BFIU	BIA	BIU	BHA	BHU	PURA	PURU
							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
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		X	X	X	X	X			X	X		X							X	X	X	X
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	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
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		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
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		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 2 cooking zones and a high-power burner for increased performance.

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.

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 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 a safety thermocouple. This thermocouple monitors the burner flame when the gas supply is active. If the burner flame goes out unintentionally, it is automatically reignited by the appliance. If reignition is unsuccessful, 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

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 recirculation filter replacement

The recirculation filter can be quickly replaced without specialised know-how through a maintenance flap on the bottom of the appliance. This provides a cost-effective solution with easily disposable replacement filters.

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.

Energy-saving fans

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.

Extendible by 100 mm

With USDFZ, it is possible to extend the USDF silencer in order to further reduce the sound pressure level of the extraction system.

Fire protection class V0 and material class B1

BORA Ecotube meets the highest safety standards.

Flexible surface induction

Cooking pots can be freely positioned on the induction surfaces. Round or square (roasters), large or small - cookware 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.

Home In/Home Out interface

The Home In/Home Out interfaces can be used for advanced control options. This enables multiple cooking and extraction technologies such as window contact switches, low-pressure monitors, additional fans in the case of long, complex exhaust ducts or domestic ventilation controls to be simply and easily controlled without any additional effort.

Including required Ecotube seals

The special seals already included in the scope of delivery of the Ecotube ducting sections ensure quick, easy installation and eliminate the need for cumbersome, time-consuming sealing by means of adhesive tape.

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 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 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.

Large stainless steel grill area

Large, full-surface stainless steel grill area measuring 270 x 360 mm.

Low pressure resistance during operation

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

matching accessories

Be it a socket, a wok or a cooktop frame - the extensive range is perfectly tailored for the cooktop extractor system in terms of function and design.

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.

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.

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 inner walls and oval cross section

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

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).

Roaster switching

A flat roaster heating ring can be easily connected.

Semi-flush installation

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

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.

Sunken gas burners

No need for installing air baffles: This is another way in which the cooktop offers optimal performance - without significant flame delay by the extractor. The reason: The unique gas cooktop design with lowered gas burners.

Super fast parboiling

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

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.

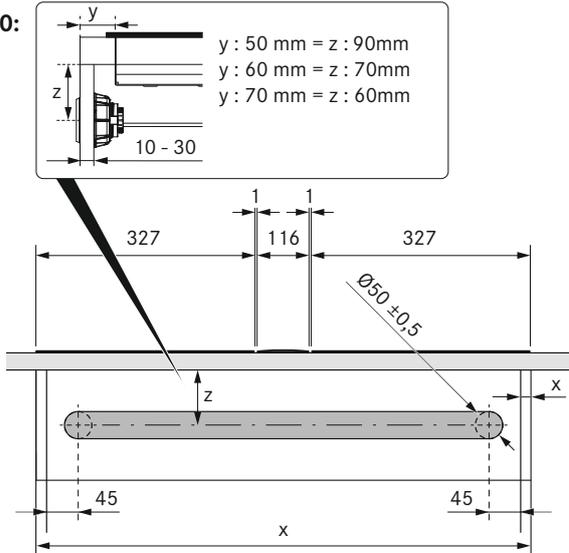
warming function

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

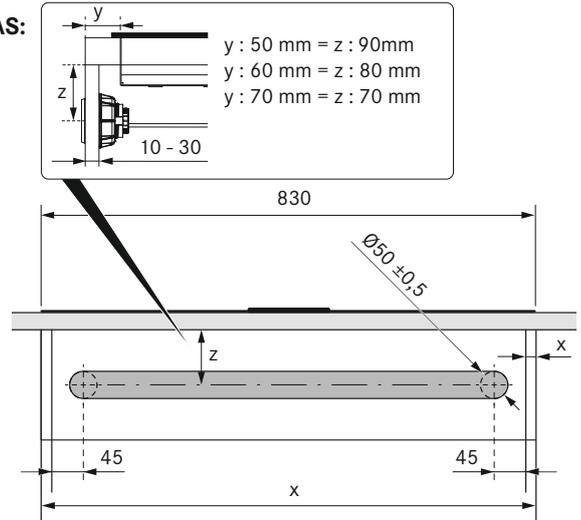
Socket positioning

Installation instructions for BORA sockets

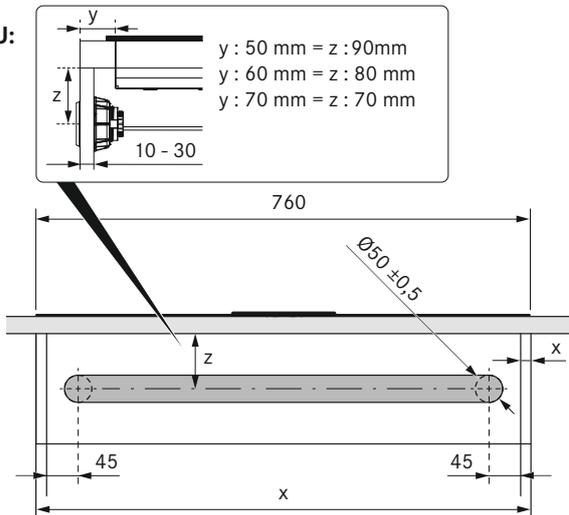
Classic 2.0:



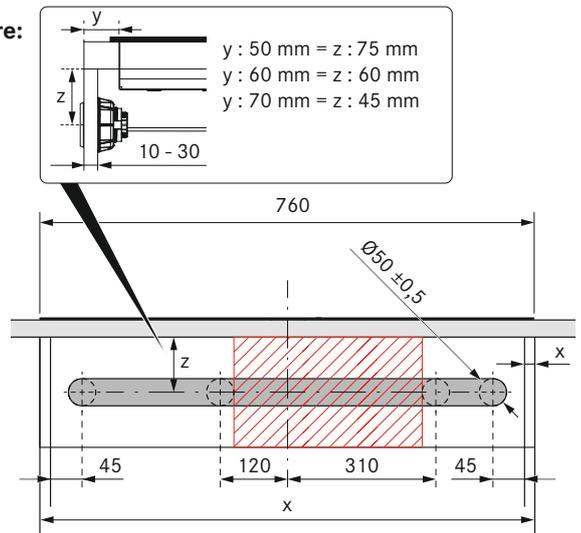
BFIA/BFIAS:



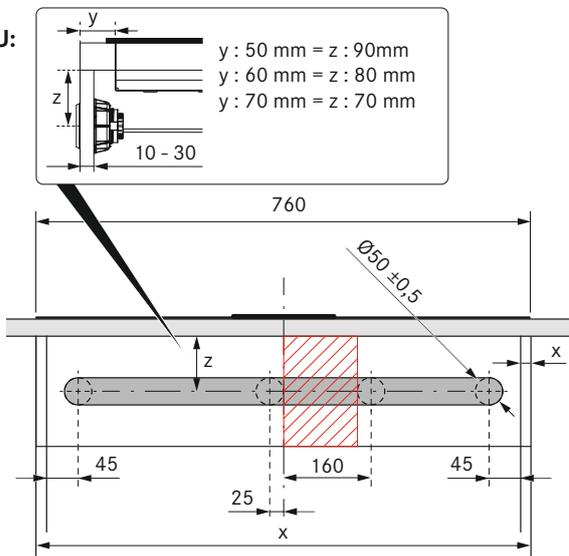
BIA/BIU:



Pure:



BHA/BHU:



Important planning instruction:

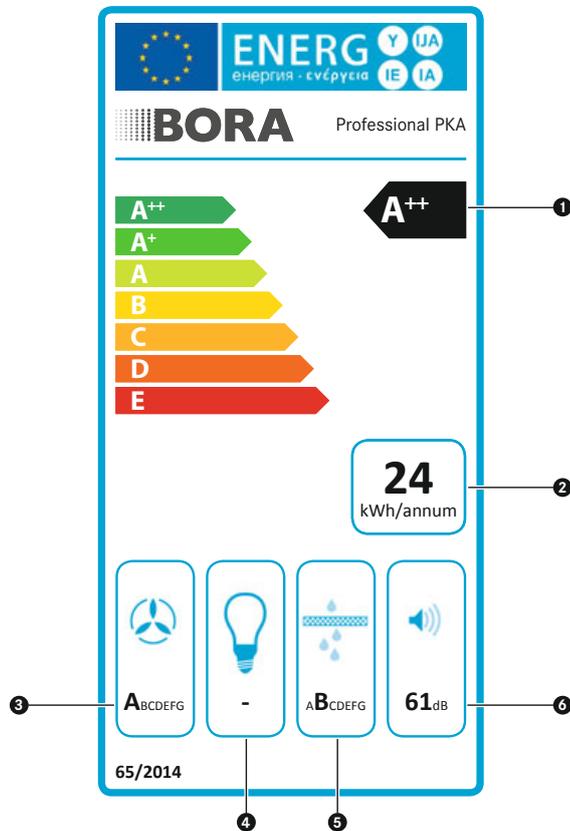
- When using an engagement strip additionally ensure sufficient clearance for mounting the fixing screw.

Energy consumption label

Explanation of the energy consumption label

Information on the energy consumption label

Using the example of the BORA Professional 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.

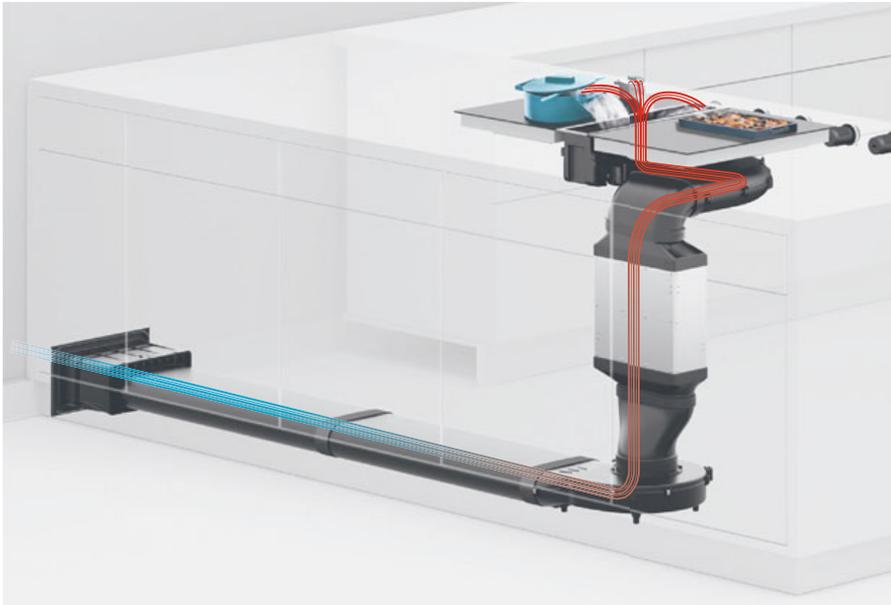
The labelling obligation only applies to exhaust air devices.

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.



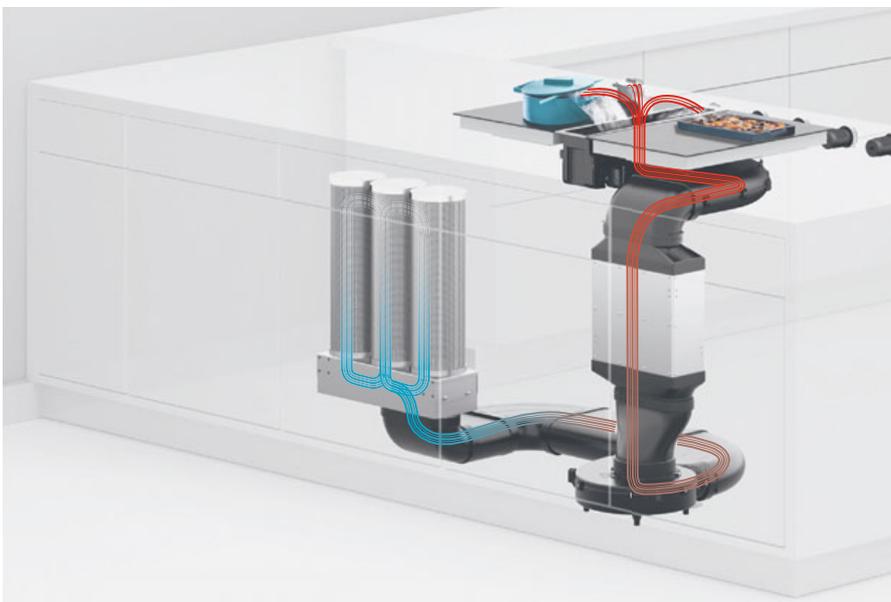
Exhaust air installation example: Professional 2.0 – PKAS (same principle for all BORA Systems)

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 ULB1, ULB3 or BAKFS (Basic only) 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: Professional 2.0 – PKAS (same principle for all BORA Systems)

Cooking in recirculation mode

Humidity when cooking in recirculation mode

Putting the recirculation mode to the test

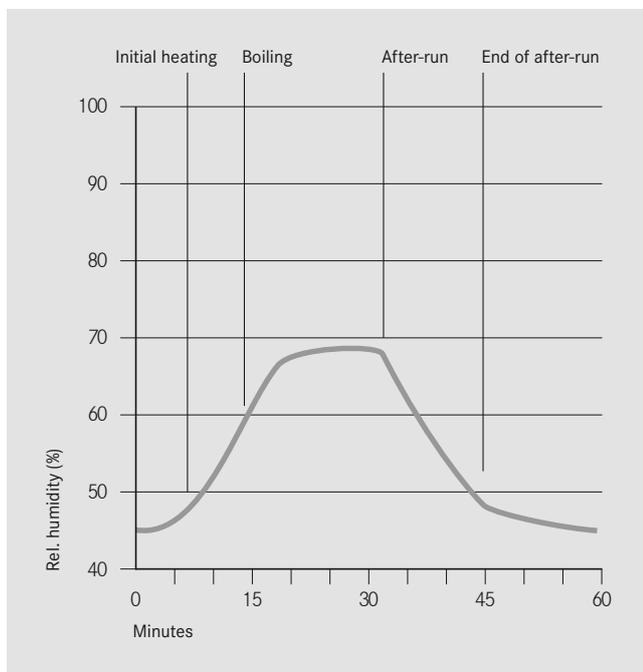
Extensive internal tests have proven that, subject to proper planning and installation, there is no relevant increase in humidity inside the adjacent kitchen units when operating BORA cooktop extractors in recirculation mode.

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.

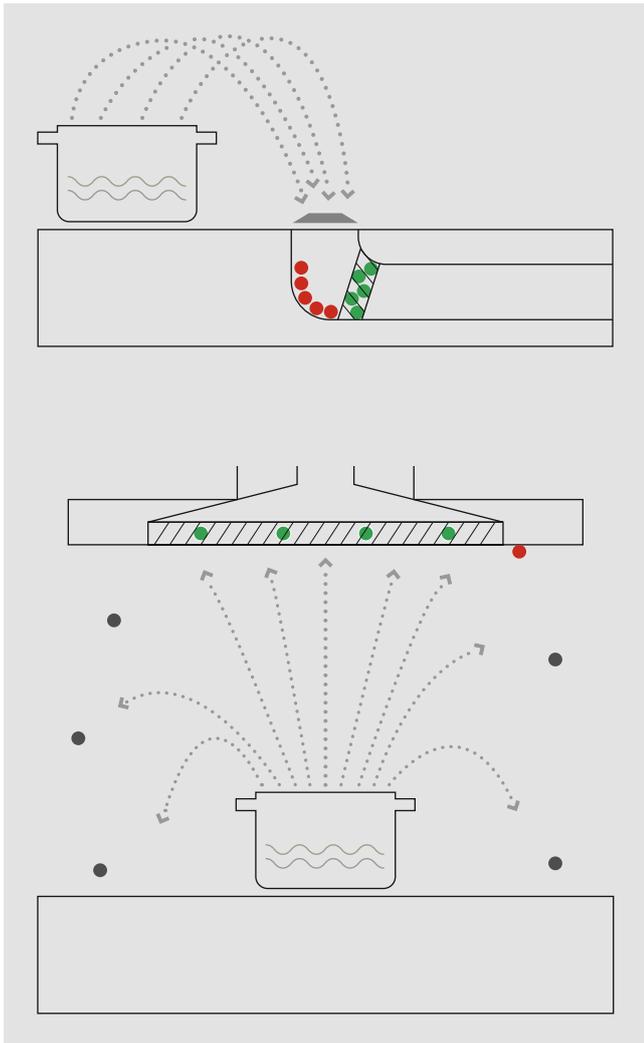
Test

30 min intensive boiling of 1.8 l water



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

$$= \frac{10 \text{ (green dots)}}{10 \text{ (green dots)} + 5 \text{ (red dots)}} \%$$

Grease filtering level of a conventional extractor hood

$$= \frac{5 \text{ (green dots)}}{5 \text{ (green dots)} + 1 \text{ (red dot)}} \%$$

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.

BORA 3box

Wall sleeves

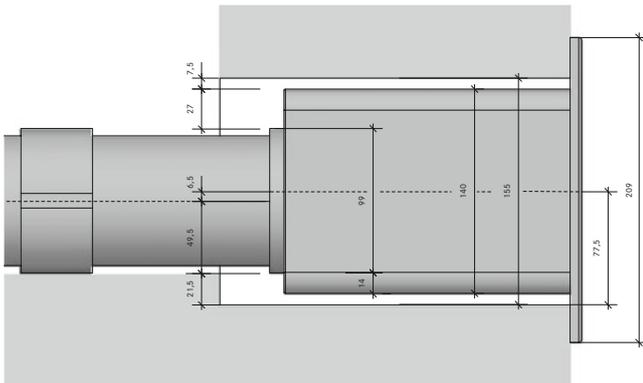
BORA 3box UEBF



Advantages

- Holistic solution
- Simple, mechanical, reliable operation
- Optimised low opening pressure
- Low pressure resistance
- Resistant to environmental influences
- No additional cable routing for the power supply or sensor systems required
- Outstanding thermal insulation

Installation details for wall sleeve UEBF



Please note that the wall sleeve has a protrusion on the lower end.

BORA 3box UEBR



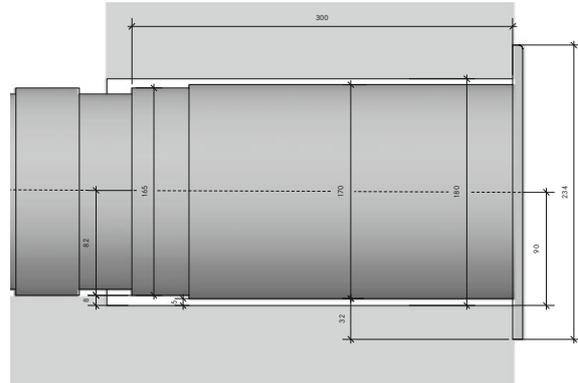
BORA 3box UEBRK



Advantages

- Holistic solution
- Simple, mechanical, reliable operation
- Optimised low opening pressure
- Low pressure resistance
- Resistant to environmental influences
- No additional cable routing for the power supply or sensor systems required
- Shortenable sleeve socket
- Installation in thin walls
- Outstanding thermal insulation

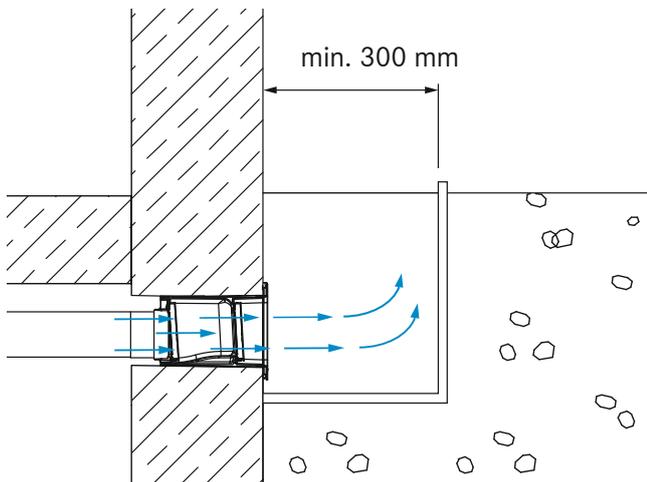
Installation details for wall sleeve UEBR/UEBRK



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

BORA Ecotube

Duct system

Advantages

- Holistic solution
- Unique sealing concept and easy installation
- Smooth surfaces for an improved extraction performance
- Up to 20% reduction in pressure loss
- Fire protection class V0 and material class B1
- Oval cross-section for optimised flow

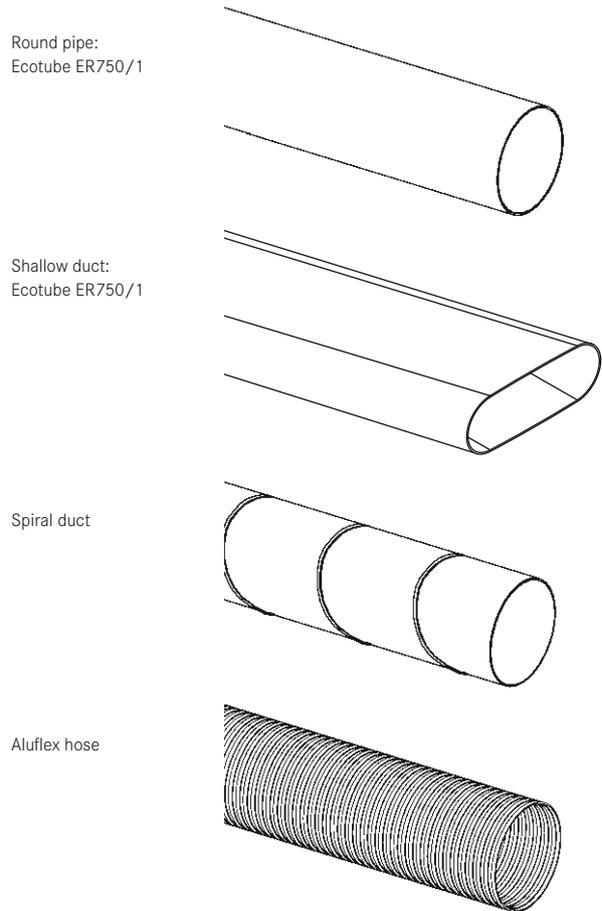


Pipes and ducts

Advantages of BORA Ecotube

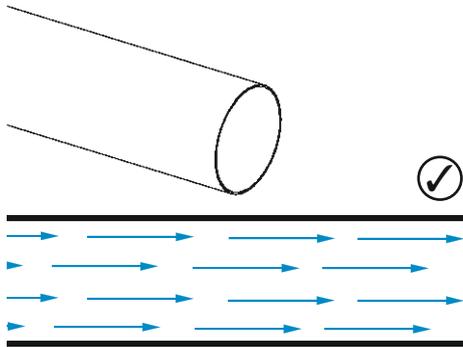
Pipe types

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 cm²) is adhered to. Normally, one fan module has sufficient power for a 6-m ducting system with six 90° arcs.



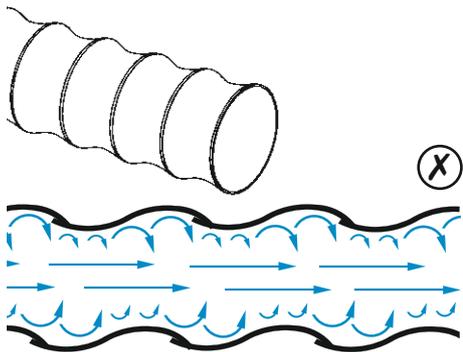
Optimum flow on pipe inner surfaces

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

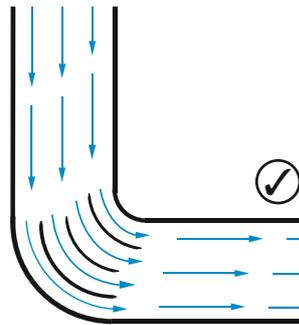


Conventional spiral hose:

Very poor flow as a result of an extremely uneven surface

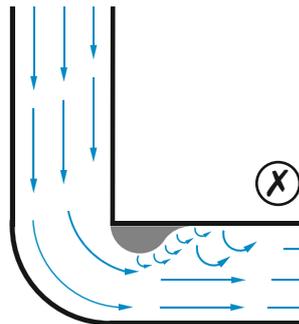
Bends

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.



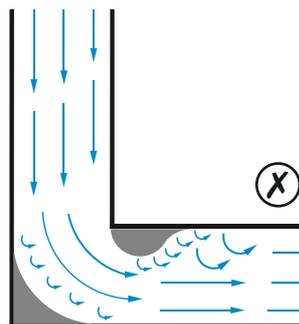
BORA Ecotube:

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:

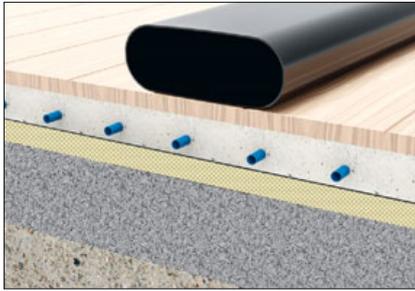
Air turbulence is created after the sharp corners.

Exhaust ducting

with the BORA Ecotube duct system

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.



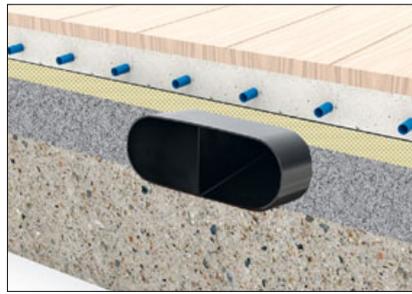
Shallow duct on the floor covering



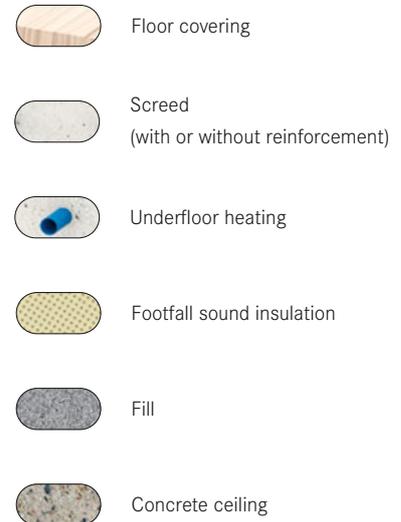
Shallow duct on the ceiling



Flat duct in the fill (according to the standards)



Shallow duct partially in the fill and screed with reinforcement (not according to the standards)



Necessary minimum cross-section:

To expel the suctioned air quantities without major losses, each component must have a minimum cross-section of 176 cm².



Use with fireplaces

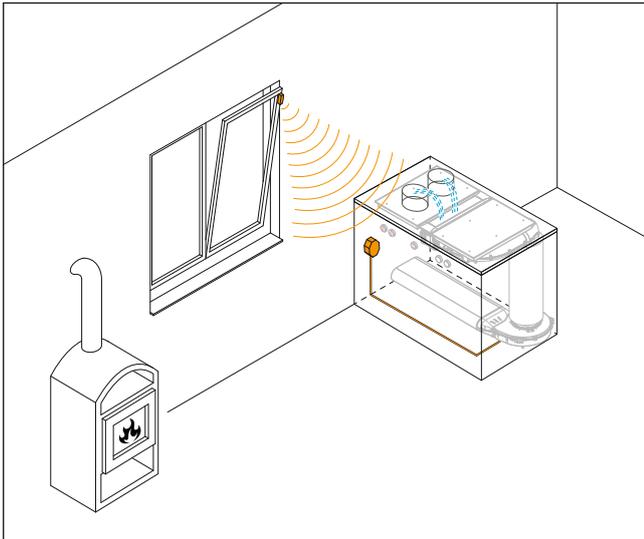
Simultaneous exhaust mode with fireplaces

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.

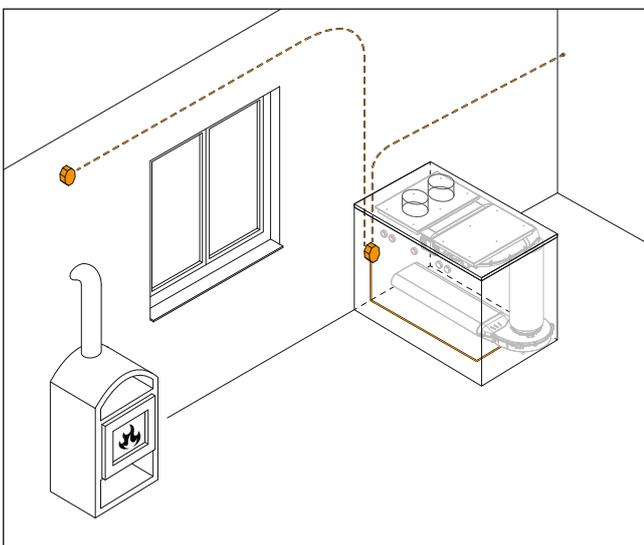
This applies both to fireplaces that depend on the air in the room and to those which don't.

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 Classic, BORA Basic and BORA Pure. 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 Classic, BORA Basic and BORA Pure. 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.

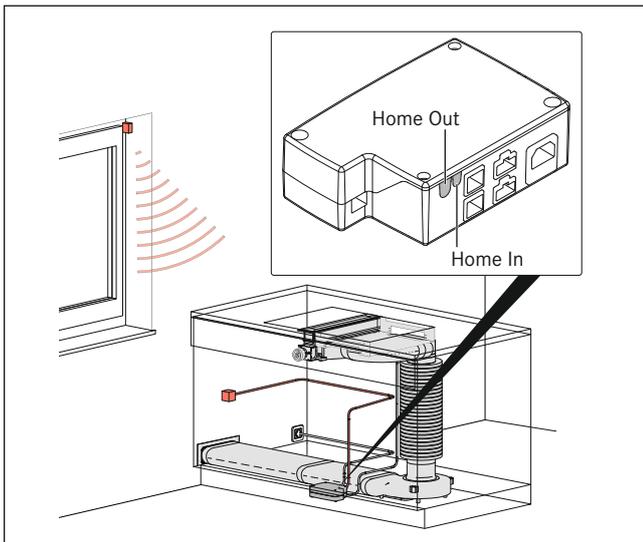
External switch contacts

Interface for external devices: Home In | Home Out

Home In | Home Out

The BORA cooktop extractors PKA/PKAS, CKA2, CKASE 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.

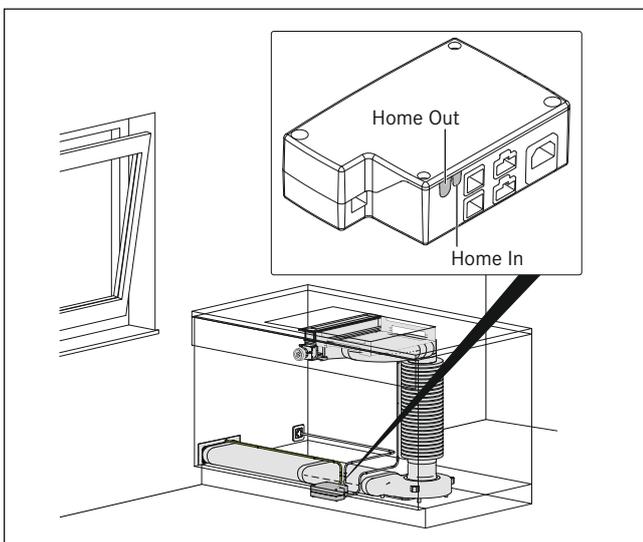
With the optional accessory module PUHIM BORA Pure Home In module, the BORA Pure cooktop extractor system can be upgraded with an interface for external devices. For BORA Basic Systems BHA and BIA, the extractor controllers can be connected externally.



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, ventilation technology, home control systems and other devices. 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



Minimum clearance of 300 mm from the worktop cut-out to an adjacent kitchen unit or unit wall.

- 1 Minimum clearance of 300 mm from the left and right of the worktop cut-out to the adjacent kitchen unit or wall.
- 2 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°).
- 3 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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BORA Lüftungstechnik GmbH
Rosenheimer Straße 33
D-83064 Raubling
T +49 (0) 80 35 90 72 40
F +49 (0) 80 35 90 72 49
info@bora.com

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BORA Vertriebs GmbH & Co KG
Innstraße 1
A-6342 Niederndorf
T +43 (0) 53 73 62 25 00
F +43 (0) 537 36 22 50 90
mail@bora.com

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**General import for all
BORA systems**
Suter Inox AG
Schachenstraße 20
CH-5116 Schinznach-Bad
T +41 (0) 564 63 63 33
BORA@suter.ch

Ⓘ

BORA Holding GmbH
Innstraße 1
A-6342 Niederndorf
T +43 (0) 53 73 62 25 00
F +43 (0) 537 36 22 50 90
mail@bora.com

www.bora.com

