

# Ventilation handbook

Version 01 | 2021



# Innovation not imitation.

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

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

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

Willi Bruckbauer

# Contents

Innovation not imitation	3
The BORA principle / The advantages of BORA	6
BORA Awards	7
BORA system configurator	8-9

## BORA PROFESSIONAL 3.0

Highlights	10-11
BORA Professional 3.0 sets	12
PKA3 BORA Pro cooktop extractor	13
PKA3AB BORA Pro cooktop extractor All Black	14
PKAS3 BORA Pro cooktop extractor system with integrated fan	15
PKAS3AB BORA Pro cooktop extractor system with integrated fan All Black	16
PKFI3 BORA Pro surface induction cooktop	17
PKI3 BORA Pro induction cooktop	18
PKIW3 BORA Pro induction wok cooktop	19
PKCH3 BORA Pro Hyper cooktop 1-ring/2-ring	20
PKC3 BORA Pro HiLight cooktop 3-ring/2-ring	21
PKCB3 BORA Pro HiLight cooktop 3 ring/roaster	22
PKG3 BORA Pro gas cooktop	23
PKT3 BORA Pro Tepan stainless steel grill	24
Energy labelling	25
Installation instructions	26-33
Model plans	34-41

## BORA CLASSIC 2.0

Highlights	42-43
BORA Classic 2.0 Sets	44
CKA2 BORA Classic cooktop extractor	45
CKA2AB BORA Classic cooktop extractor All Black	46
CKFI BORA Classic surface induction cooktop	47
CKI BORA Classic induction cooktop	48
CKIW BORA Classic induction wok cooktop	49
CKCH BORA Classic Hyper cooktop 1-ring/2-ring	50
CKCB BORA Classic HiLight cooktop 1-ring/2-ring/roaster	51
CKG BORA Classic gas cooktop	52
CKT BORA Classic Tepan stainless steel grill with 2 cooking zones	53
BORA CLASSIC 2.0 ACCESSORIES	
CER BORA Classic inlay-frame / USL515/USL515AB BORA side frame for cooktop depth 515mm	54
Energy labelling	55
Installation instructions	56-61
Model plans	62-65

## BORA X PURE

Highlights	66-67
PUXA BORA X Pure surface induction cooktop with integrated cooktop extractor - exhaust air	68
PUXU BORA X Pure surface induction cooktop with integrated cooktop extractor - recirculation	69
BORA X PURE ACCESSORIES	
BKR830 BORA cooktop frame for width 830mm / USL515/USL515AB BORA side frame for cooktop depth 515mm	70
Energy labelling	71
Installation instructions	72-76
Model plans	77-79

## BORA PURE

Highlights	80-81
PURA BORA Pure induction cooktop with integrated cooktop extractor - Exhaust air	82
PURU BORA Pure induction cooktop with integrated cooktop extractor - Recirculation	83
BORA PURE ACCESSORIES	
BKR760 BORA cooktop frame for width 760mm / USL515/USL515AB BORA side frame for cooktop depth 515mm	84
Energy labelling	85
Installation instructions	86-90
Model plans	91-93

## BORA BASIC

Highlights	94-95
BHA BORA Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Exhaust air	96
BHU BORA Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Recirculation	97
BORA BASIC ACCESSORIES	
BKR760 BORA cooktop frame for width 760mm	98
USL515/USL515AB BORA side frame for cooktop depth 515mm	99

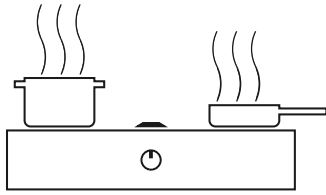
<b>Installation options</b> .....	100
<b>Energy labelling</b> .....	101
<b>Installation instructions</b> .....	102–106
<b>Model plans</b> .....	107–109

## BORA UNIVERSAL ARTICLES

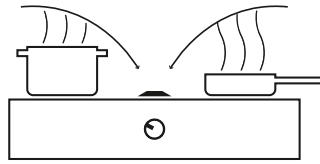
<b>Highlights</b> .....	110
<b>BORA ECOTUBE SETS</b>	
<b>UESDRSL</b> BORA universal Ecotube set with USDR50 and ULS / <b>UESDFSL</b> BORA universal Ecotube set with USDF and ULS .....	111
<b>BORA FANS</b>	
<b>ULS</b> BORA plinth fan EC .....	112
<b>ULA</b> BORA external wall fan EC .....	113
<b>ULI</b> BORA duct fan EC .....	114
<b>ULZ</b> BORA tiled roof fan EC .....	115
<b>ULF</b> BORA flat roof fan EC .....	116
<b>ULIE</b> BORA additional duct fan AC .....	117
<b>BORA AIR PURIFICATION BOXES</b>	
<b>ULBF</b> BORA air purification box flexible .....	118
<b>ULB3X</b> BORA air purification box 3 .....	119
<b>BORA SILENCERS</b>	
<b>USDF</b> BORA shallow silencer .....	120
<b>USDR50</b> BORA duct sound absorber 500mm incl. sealing material .....	121
<b>BORA DUCT SYSTEM &amp; WALL SLEEVE</b>	
<b>EF750/1</b> BORA Ecotube shallow duct 750mm .....	122
<b>EFS750/1</b> BORA Ecotube shallow duct with a bar 750mm .....	122
<b>EF47/1</b> BORA Ecotube shallow duct 47mm .....	123
<b>ER750/1</b> BORA Ecotube round duct, 750mm .....	123
<b>EFRG/1</b> BORA Ecotube bridge flat round straight incl. sealing material .....	124
<b>EFRV/1</b> BORA Ecotube bridge flat round offset incl. sealing material .....	124
<b>EFRV110/1</b> BORA Ecotube transition, flat round offset 110mm incl. sealing material .....	125
<b>EFR90/1</b> BORA Ecotube bridge 90° flat round incl. sealing material .....	125
<b>EFBH90/1</b> BORA Ecotube bend 90° flat horizontal incl. sealing material .....	126
<b>EFBV90/1</b> BORA Ecotube bend 90° flat vertical incl. sealing material .....	126
<b>ERB90/1</b> BORA Ecotube bend 90° round incl. sealing material .....	127
<b>EFB15/1</b> BORA Ecotube bend 15° flat horizontal incl. sealing material .....	127
<b>EFV/1</b> BORA Ecotube duct connection flat incl. sealing material .....	128
<b>ERV/1</b> BORA Ecotube duct connection round incl. sealing material .....	128
<b>efd/1</b> BORA Ecotube flat seal .....	129
<b>erd/1</b> BORA Ecotube round seal .....	129
<b>EFMS/1</b> BORA Ecotube installation kit flat .....	130
<b>ERMS/1</b> BORA Ecotube installation set round .....	130
<b>UEBF/1</b> BORA 3box wall sleeve incl. sealing material .....	131
<b>UEBR/1</b> BORA 3box wall sleeve round incl. sealing material .....	132
<b>UEBRK/1</b> BORA 3box wall sleeve round short incl. sealing material .....	133
<b>BORA UNIVERSAL ARTICLE ACCESSORIES</b>	
<b>USTF</b> BORA socket type F / <b>USTFAB</b> BORA All Black socket type F .....	134
<b>USTE</b> BORA socket type E / <b>USTEAB</b> BORA socket type E All Black .....	134
<b>USTJ</b> BORA socket type J / <b>USTJAB</b> BORA socket type J All Black .....	135
<b>USTG</b> BORA socket type G / <b>USTGAB</b> BORA socket type G All Black .....	135
<b>USTL</b> BORA socket type L / <b>USTLAB</b> BORA socket type L All Black .....	136
<b>BORA MERCHANDISE</b>	
<b>HIW1</b> BORA induction wok pan .....	136
<b>Socket positioning</b> .....	137
<b>Accessories Highlights</b> .....	138–141
<b>Detail drawings</b> .....	142–145
<b>Wall sleeves</b> .....	146
<b>Exhaust ducting</b> .....	147
<b>BORA Ecotube / pipes and ducts</b> .....	148–149
<b>Exhaust system / recirculation system</b> .....	150
<b>Cooking in recirculation mode / Grease filtering level</b> .....	151
<b>Use with fireplaces</b> .....	152
<b>External switch contacts</b> .....	153
<b>Assembly information</b> .....	154
<b>Energy labelling</b> .....	155
<b>Function matrix</b> .....	156–157
<b>Product features</b> .....	158–161
<b>List of abbreviations</b> .....	162

# The BORA principle

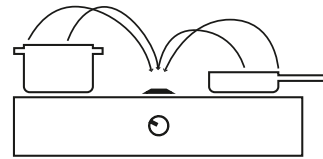
or, physics can be so ingenious.



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



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



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

## The advantages of BORA



### Fresh air

Cooking while surrounded by fresh air

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



### Simple operation

Intuitive, self-explanatory and sophisticated

The system is controlled by turning the control knob, tapping or sliding. Simple and intuitive.



### Simple cleaning

Why make things difficult when there is an easy option?

Cleaning conventional extractor hoods is a laborious task. BORA makes your daily life easier: all movable parts can be dismantled without any tools and cleaned in the dishwasher.



### 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 frying a steak, even when set to the highest level.



### Lots of storage space

The cooktop extractor provides room for kitchen utensils

Thanks to the low appliance height of less than 200mm and the integrated recirculation filter unit, maximum storage space is preserved in the cupboard below for pots, pans and other kitchen utensils. There is no need to shorten drawers as is often the case or to forgo storage space because of duct systems in recirculation mode.



### Large cooking area: 4 24

Plenty of room for professional cooking

Thanks to the space-saving controls and central position of the extractor, all BORA induction cooking zones always offer plenty of space for cooking. The particularly large surface induction cooking zones enable you to consistently warm through even very large pots and roasters.



### Best materials

High functionality and long service life

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



### 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.



### Design freedom

Setting the standard for modern kitchen design

BORA opens up an impressive new range of kitchen design options: cooking by the window and under sloping ceilings, kitchen islands with no bothersome extractor hoods... BORA stands for modern kitchen design.

# BORA Awards

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



German Design Award  
2021



Plus X Award  
2020



reddot winner 2020



iF Design Award  
2020



German Design Award  
2020



Plus X  
Award – 2019



reddot design award  
winner 2019



iF Design Award  
2019



Good Design Award –  
Chicago Athenaeum  
2017–2019



Iconic Award  
2016 + 2019



German Design Award  
2016 + 2018



reddot award 2017  
best of the best

Red Dot Product Design Award  
Best of the Best  
2017



Plus X Award  
2017



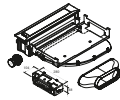
German Brand Award  
2016





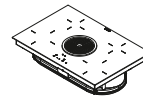
Deutscher Gründerpreis  
(German Entrepreneurs' Award)






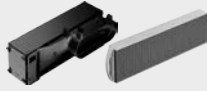
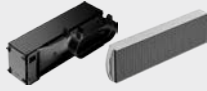
# BORA system configurator

## Compatibility overview



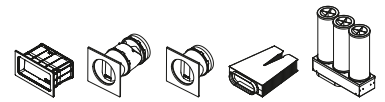
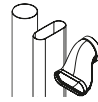
Product line	Cooktop-extractor	Cooktops		Sockets
<b>BORA Professional 3.0</b> 	PKA3 PKA3AB (flexible system)	PKFI3 PKIW3 PKC3 PKG3	PKI3 PKCH3 PKCB3 PKT3	USTF/USTFAB USTE/USTEAB USTJ/USTJAB USTG/USTGAB USTL/USTLAB (optional)
	PKAS3 PKAS3AB (Compact system with integrated fan)	PKFI3 PKIW3 PKC3 PKG3	PKI3 PKCH3 PKCB3 PKT3	USTF/USTFAB USTE/USTEAB USTJ/USTJAB USTG/USTGAB USTL/USTLAB (optional)
<b>BORA Classic 2.0</b> 	CKA2 CKA2AB (flexible system)	CKFI CKIW CKCB CKT	CKI CKCH CKG	USTF/USTFAB USTE/USTEAB USTJ/USTJAB USTG/USTGAB USTL/USTLAB (optional)



Product line	Airflow modules (included in the scope of delivery)	Cooktops with cooktop extractor	Sockets
<b>BORA Basic</b> 	Exhaust air 	BHA	USTF/USTFAB USTE/USTEAB USTJ/USTJAB USTG/USTGAB USTL/USTLAB (optional)
	Recirculation 	BHU	USTF/USTFAB USTE/USTEAB USTJ/USTJAB USTG/USTGAB USTL/USTLAB (optional)
<b>BORA X Pure / BORA Pure</b>  	Exhaust air (BORA Ecotube connection integrated) 	PUXA PURA	USTF/USTFAB USTE/USTEAB USTJ/USTJAB USTG/USTGAB USTL/USTLAB (optional)
	Recirculation 	PUXU PURU	USTF/USTFAB USTE/USTEAB USTJ/USTJAB USTG/USTGAB USTL/USTLAB (optional)



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



Fans

Additional duct fan

Silencers

Duct system

Airflow

ULS  
ULA  
ULI

ULZ  
ULF

ULIE  
(optional)

USDF  
USDR50

BORA Ecotube

Exhaust air

Wall sleeve  
UEBR UEBRK UEBF

Recirculation

Air cleaning box  
ULBF ULB3X

UESDRSL/UESDFSL

ULZ  
ULF  
(optional)

ULA  
ULI

ULIE  
(optional)

BORA Ecotube

Exhaust air

Wall sleeve  
UEBR UEBRK UEBF

Recirculation

Air cleaning box  
ULBF ULB3X

ULS  
ULA  
ULI

ULZ  
ULF

ULIE  
(optional)

USDF  
USDR50

BORA Ecotube

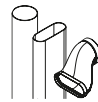
Exhaust air

Wall sleeve  
UEBR UEBRK UEBF

Recirculation

Air cleaning box  
ULBF ULB3X

UESDRSL/UESDFSL



Fans

Duct system

Air flow

(integrated)

BORA Ecotube

Exhaust air

Wall sleeve  
UEBR UEBRK UEBF

(integrated)

(Filter integrated)

(integrated)

BORA Ecotube

Wall sleeve  
UEBR UEBRK UEBF

(integrated)

(Filter integrated)

# BORA Professional 3.0 Highlights

## **Intuitive control knob**

The combination of a classic knob and a touch-operated surface with a razor-sharp LED display enables perfect control. All functions are easily, conveniently and intuitively activated by twisting the knob and tapping the central touch-operated surface.

## **Premium design**

Pioneering design language meets the highest standards with regard to materials and technology. The design highlights are the extractor and the sleek control knob with its stainless steel ring, black glass front and clear, white LED display.

## **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 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 used. The integrated sensor technology reliably prevents items from getting trapped during closure. When switched off, the elegant system is fully closed.

## **Minimum volume**

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

## **Oversized 4 24 cooking surface**

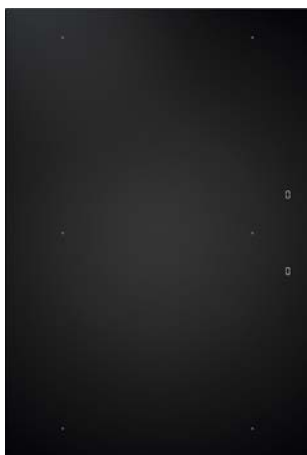
With extra-deep 54cm cooktops, BORA Professional gives you even more room to cook. Even 2 large pots can be easily placed one behind the other.

## **Modular system**

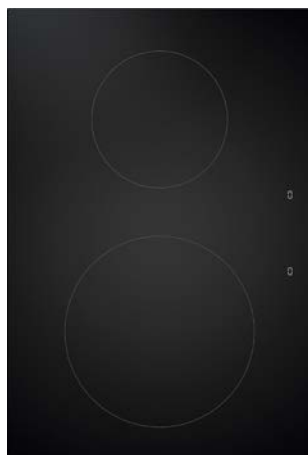
BORA offers a wide range of cooktops, from surface induction to gas cooktops or Tepan stainless steel grills, which can be freely combined with the extraction system. Combinations with one, three or more cooktops are also easily achievable.

## **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.



**PKFI3**  
BORA Pro surface induction cooktop



**PKI3**  
BORA Pro induction cooktop



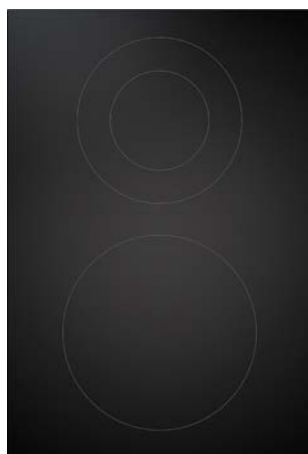
**PKIW3**  
BORA Pro induction wok cooktop



**PKC3**  
BORA Pro HiLight cooktop 3-ring/2-ring



**PKCB3**  
BORA Pro HiLight cooktop 3 ring/roaster



**PKCH3**  
BORA Pro Hyper cooktop 1-ring/2-ring



**PKG3**  
BORA Pro gas cooktop



**PKT3**  
BORA Pro Tepan stainless steel grill with 2 cooking zones



**PKA3**  
BORA Pro cooktop extractor



**Control knob**  
BORA Pro 3.0



**PKA3AB**  
BORA Pro cooktop extractor All Black



**Control knob**  
BORA Pro 3.0 All Black

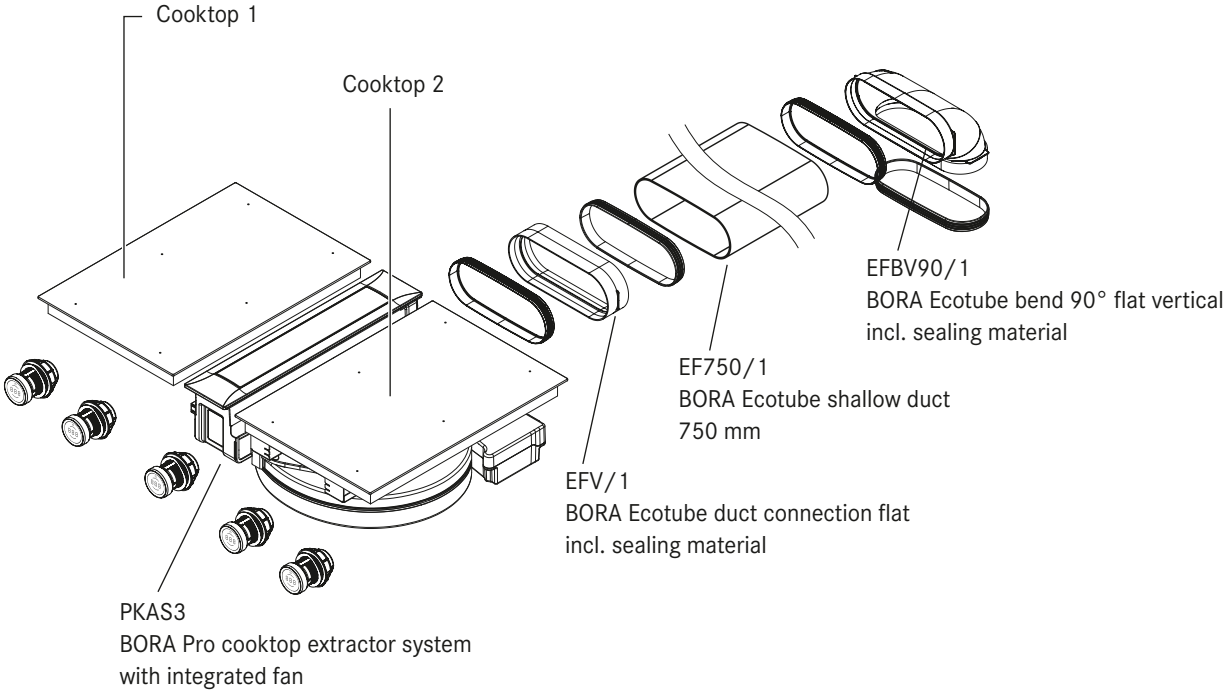
**PKAS3**  
BORA Pro cooktop extractor system with integrated fan

**PKAS3AB**  
BORA Pro cooktop extractor system with integrated fan All Black

# BORA Professional 3.0 sets

BORA Professional 3.0 cooktops as a set combination

**Components:**



**PKAS3FI**

BORA Pro Set surface induction  
(1x PKAS3, 2x PKFI3, 1x EFBV90, 1x EF750, 1x EFV)



**PKAS3FIAB**

BORA Pro Set All Black  
(1x PKAS3AB, 2x PKFI3, 1x EFBV90, 1x EF750, 1x EFV)



**PKAS3FIT**

BORA Pro Set surface induction Tepan  
(1x PKAS3, 1x PKFI3, 1x PKT3, 1x EFBV90, 1x EF750, 1x EFV)

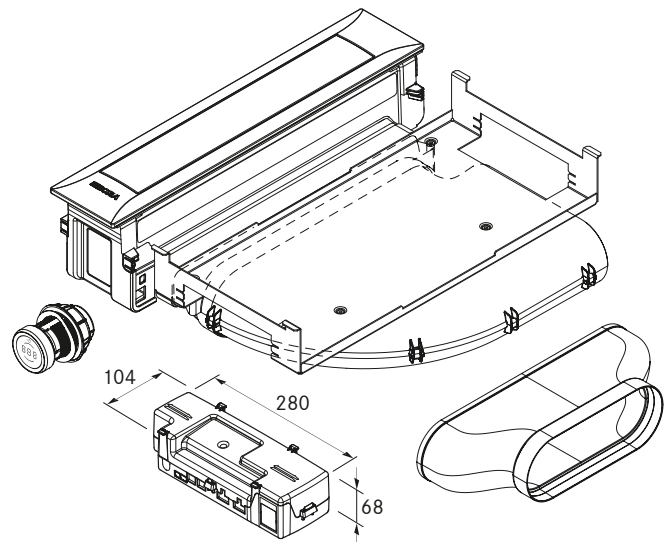
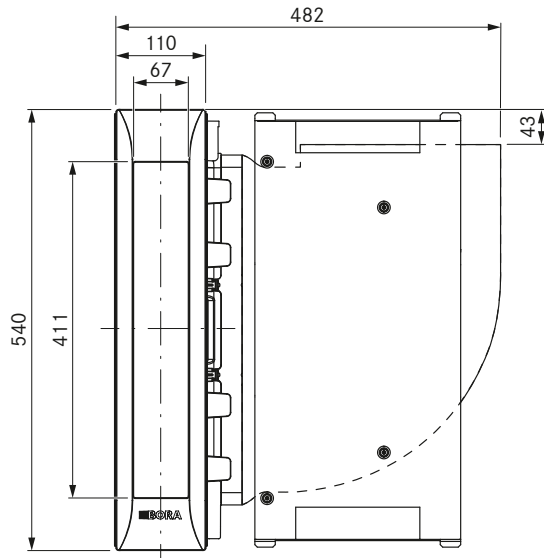
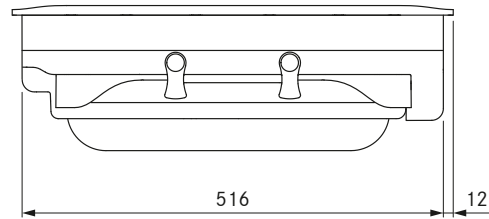
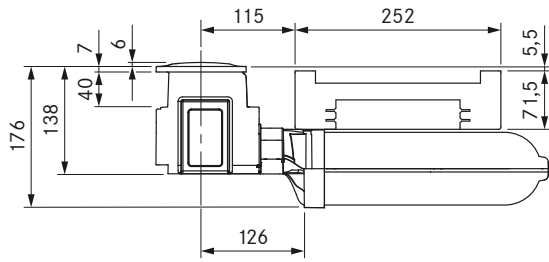


**PKAS3HL**

BORA Pro set HiLight  
(1x PKAS3, 1x PKC3, 1x PKCB3, 1x EFBV90, 1x EF750, 1x EFV)

# PKA3

BORA Pro cooktop extractor



## Technical data

Supply voltage	220 – 240 V
Frequency	50/60 Hz
Maximum power consumption	550 W
Power supply cable length	2 m
Dimensions (width x depth x height)	482 x 540 x 176 mm
Weight (incl. accessories/packaging)	9.25 kg
Cooktop extractor power levels	1 – 9, P
duct connection	BORA Ecotube

## Product description

- Intuitive control knob
- Automatic cover flap
- Premium design
- Minimum volume
- Simple cleaning
- Integrated grease drip pan
- Genuine stainless steel grease filter
- Modular system
- Automatic extractor control
- Demo mode

## Scope of delivery

- Cooktop extractor PKA3 with integrated 90° bend
- Straight duct element
- 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

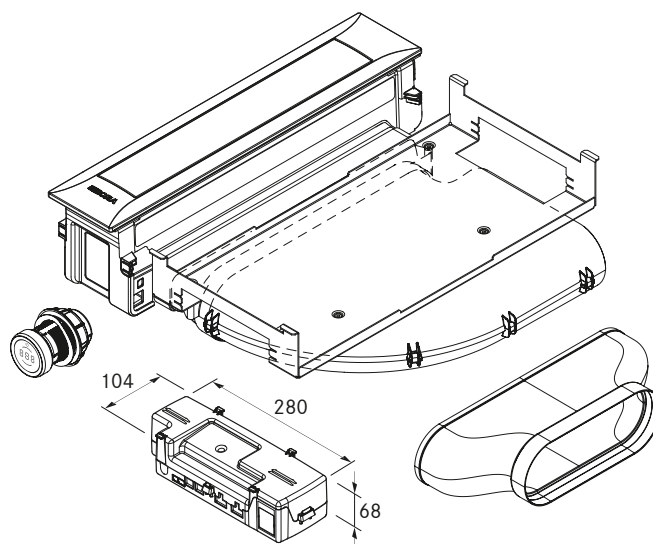
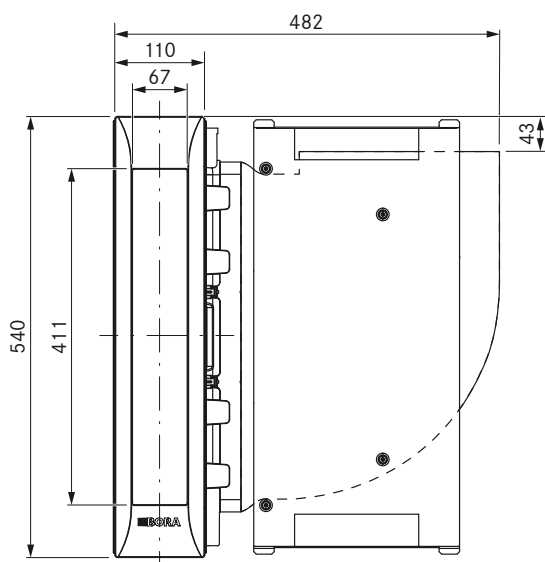
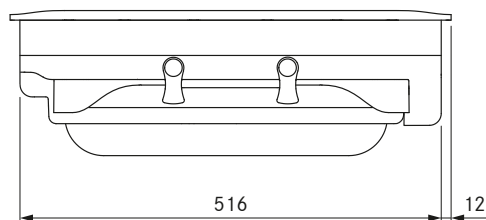
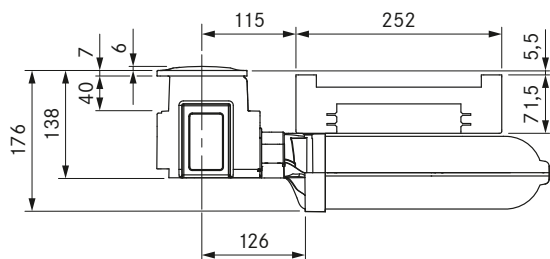
- PKA1FF stainless steel grease filter
- PKA1VK cover flap
- PKA1FW filter tray
- UNLI type I power supply cable (AUS)
- UNLJ type J power supply cable (CH)
- UNLG type G power supply cable (GB-IE)
- UNLB type B power supply cable (PH)
- UNLH type H power supply cable (IL)

## product- and planning instructions

- Suitable for use as a recirculation or exhaust system
- Compatible with all BORA Professional 3.0 cooktops and BORA Universal fan modules
- Use of an additional fan module is possible for very long or complex exhaust air channels
- The worktop height can be adjusted as necessary
- Worktop depth:  $\geq 700$  mm (in conjunction with the straight duct element  $\geq 650$  mm)
- Airflow possible to the right or left
- Fan can be positioned in the plinth area as a result of the low installation height (100 mm) (when using the ULS plinth fan only)
- Installation type: flush or surface-mounted
- Universal control unit as central connection point can be simply and compactly positioned in the plinth area
- The extractor and Universal control unit are connected by a CAT 5 communication cable
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- The BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- The Professional cooktop extractor system can be combined with all BORA sockets

# PKA3AB

BORA Pro cooktop extractor All Black



## Technical data

Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	550 W
Power supply cable length	2 m
Dimensions (width x depth x height)	482 x 540 x 176 mm
Weight (incl. accessories/packaging)	9.25 kg
Cooktop extractor power levels	1 - 9, P
duct connection	BORA Ecotube

## Product description

- Intuitive control knob
- DLC (diamond-like-carbon) coated
- Automatic cover flap
- Premium design
- Minimum volume
- Simple cleaning
- Integrated grease drip pan
- Genuine stainless steel grease filter
- Modular system
- Automatic extractor control

## Scope of delivery

- Cooktop extractor PKA3AB with integrated 90° bend
- Straight duct element
- Control knob
- additionally 4 x Pro knob ring All Black PKR3AB
- 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

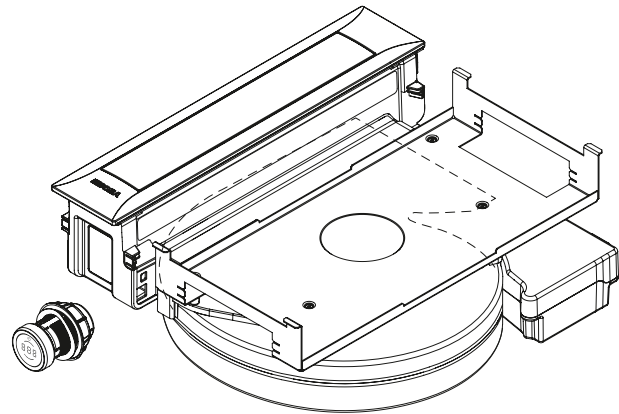
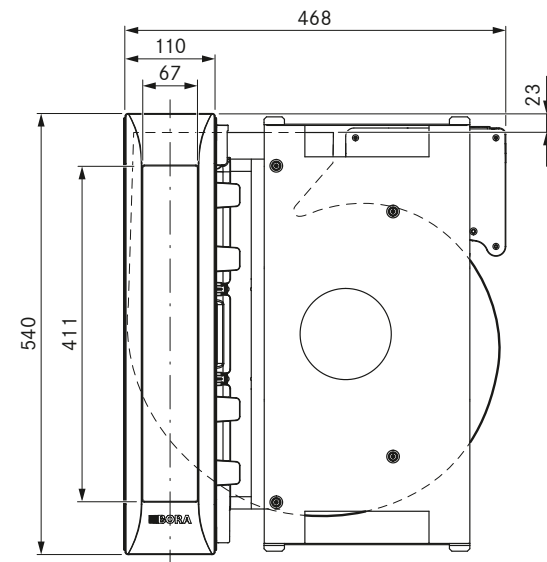
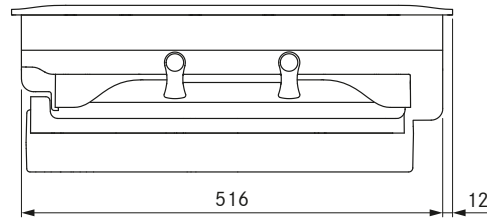
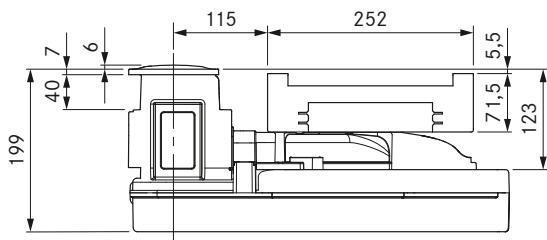
- PKA1FF stainless steel grease filter
- PKA1VKAB cover flap
- PKA1FW filter tray
- UNLI type I power supply cable (AUS)
- UNLJ type J power supply cable (CH)
- UNLG type G power supply cable (GB-IE)
- UNLB type B power supply cable (PH)
- UNLH type H power supply cable (IL)

## product- and planning instructions

- Suitable for use as a recirculation or exhaust system
- Compatible with all BORA Professional 3.0 cooktops and BORA Universal fan modules
- In addition, four knob ring All Black are included for the adjacent cooktops
- Use of an additional fan module is possible for very long or complex exhaust air channels
- The worktop height can be adjusted as necessary
- Worktop depth:  $\geq 700$  mm (in conjunction with the straight duct element  $\geq 650$  mm)
- Airflow possible to the right or left
- Fan can be positioned in the plinth area as a result of the low installation height (100 mm) (when using the ULS plinth fan only)
- Installation type: flush or surface-mounted
- Universal control unit as central connection point can be simply and compactly positioned in the plinth area
- The extractor and Universal control unit are connected by a CAT 5 communication cable
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- The BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- The Professional cooktop extractor system can be combined with all BORA sockets

# PKAS3

BORA Pro cooktop extractor system with integrated fan



## Technical data

Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	550 W
Power supply cable length	2 m
Dimensions (width x depth x height)	468 x 540 x 199 mm
Weight (incl. accessories/packaging)	12.5 kg
Cooktop extractor power levels	1 - 9, P
duct connection	BORA Ecotube

## Product description

- Intuitive control knob
- Automatic cover flap
- Premium design
- Simple cleaning
- Integrated grease drip pan
- Genuine stainless steel grease filter
- Modular system
- Automatic extractor control
- Maximum storage space
- Integrated fan

## Scope of delivery

- Cooktop extractor system with integrated fan PKAS3
- 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

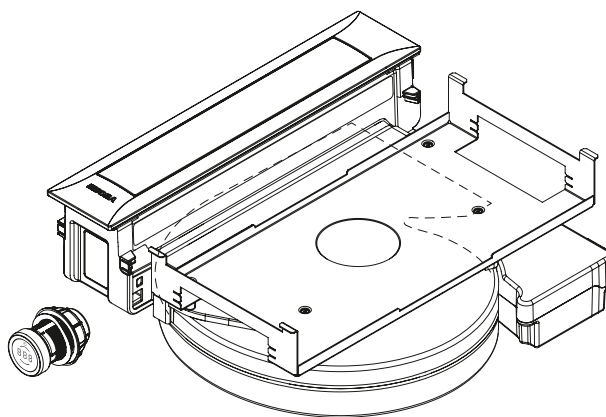
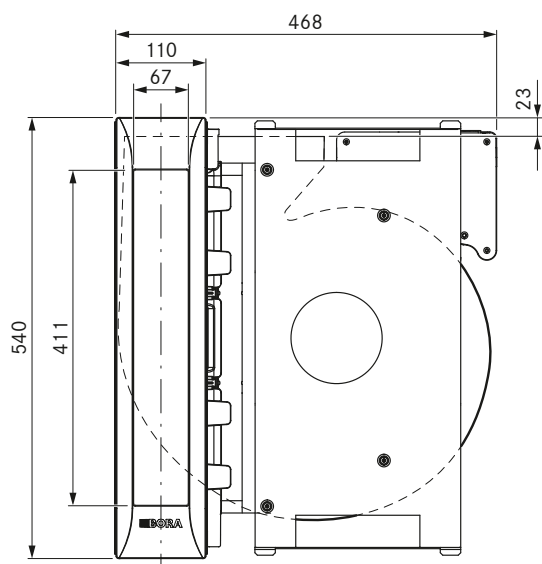
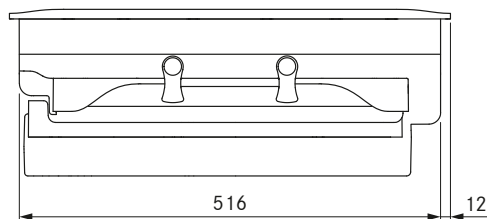
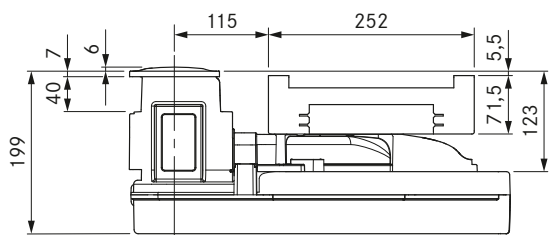
- PKA1FF stainless steel grease filter
- PKA1VK cover flap
- PKA1FW filter tray
- UNLI type I power supply cable (AUS)
- UNLJ type J power supply cable (CH)
- UNLG type G power supply cable (GB-IE)
- UNLB type B power supply cable (PH)
- UNLH type H power supply cable (IL)

## product- and planning instructions

- Suitable for use as a recirculation or exhaust system
- Compatible with all BORA Professional 3.0 cooktops and BORA Universal fan modules
- Use of an additional fan module is possible for very long or complex exhaust air channels
- The worktop height can be adjusted as necessary
- Worktop depth:  $\geq 700$  mm
- Installation type: flush or surface-mounted
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- The BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- The Professional cooktop extractor system can be combined with all BORA sockets
- Duct connection on the back of the appliance

# PKAS3AB

BORA Pro cooktop extractor system with integrated fan All Black



## Technical data

Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	550 W
Power supply cable length	2 m
Dimensions (width x depth x height)	468 x 540 x 199 mm
Weight (incl. accessories/packaging)	12.5 kg
Cooktop extractor power levels	1 - 9, P
duct connection	BORA Ecotube

## Product description

- Intuitive control knob
- DLC (diamond-like-carbon) coated
- Automatic cover flap
- Premium design
- Simple cleaning
- Integrated grease drip pan
- Modular system
- Automatic extractor control
- Maximum storage space
- Integrated fan

## Scope of delivery

- Cooktop extractor system with integrated fan PKAS3AB
- Control knob
- additionally 4 x Pro knob ring All Black PKR3AB
- 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)
- UNLB type B power supply cable (PH)
- UNLH type H power supply cable (IL)

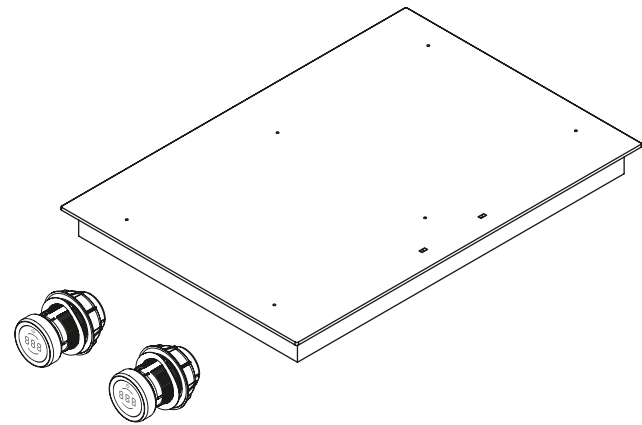
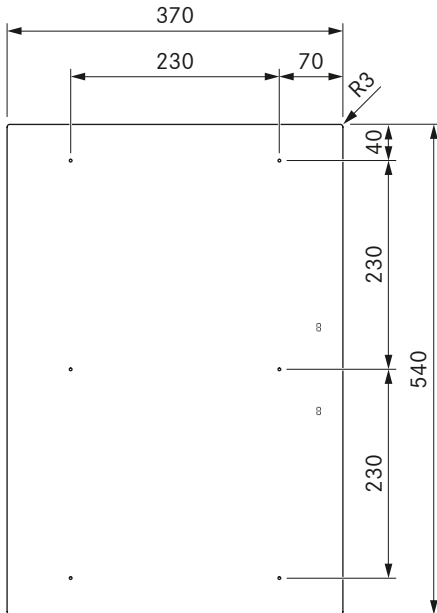
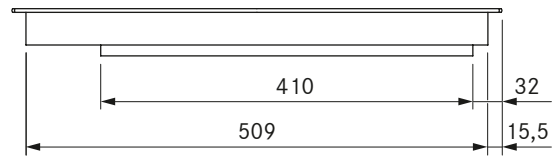
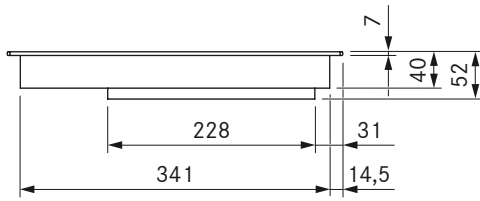
## product- and planning instructions

- Suitable for use as a recirculation or exhaust system
- Compatible with all BORA Professional 3.0 cooktops and BORA Universal fan modules
- In addition, four knob ring All Black are included for the adjacent cooktops
- Use of an additional fan module is possible for very long or complex exhaust air channels
- The worktop height can be adjusted as necessary
- Worktop depth:  $\geq 700$  mm
- Installation type: flush or surface-mounted
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- The BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- The Professional cooktop extractor system can be combined with all BORA sockets
- Duct connection on the back of the appliance



# PKFI3

BORA Pro surface induction cooktop



## Technical data

Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	3.68 kW
Maximum power rating	3.68 kW
Minimum fuse protection	1 x 16 A
Power supply cable length	1,5 m
Dimensions (width x depth x height)	370 x 540 x 52 mm
Weight (incl. accessories/packaging)	8.1 kg
Surface material	SCHOTT CERAN®
Cooktop power levels	1 - 9, P
Size of front cooking zone	230 x 230 mm
Size of rear cooking zone	230 x 230 mm
Front cooking zone output	2100 W
Rear cooking zone output	2100 W
Front cooking zone power setting output	3680 W
Rear cooking zone power setting output	3680 W

## Product description

- Intuitive control knob
- Oversized surface induction cooking zones
- Performance level display on the cooktop
- Variable heat retention function
- bridging function
- Childproofing feature
- Cooking zone timers
- Timer
- Demo mode
- Pause function

## Scope of delivery

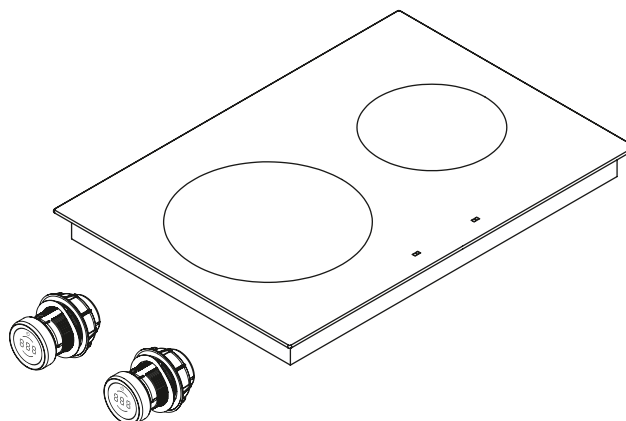
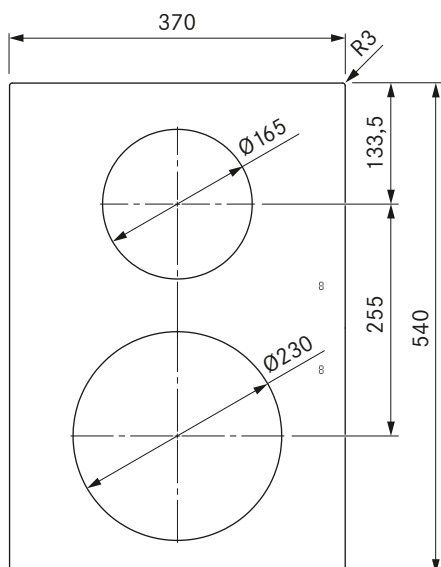
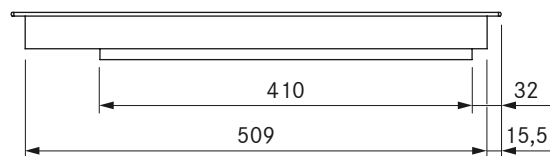
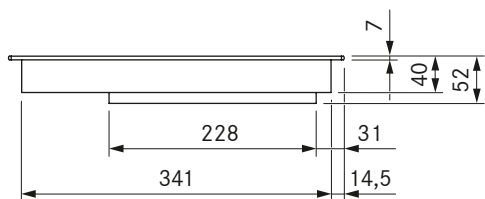
- Surface induction cooktop PKFI3
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- height adjustment plate set

## product- and planning instructions

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

# PKI3

BORA Pro induction cooktop



## Technical data

Supply voltage	220 - 240 V
Frequency	50/60 Hz
Maximum power consumption	3.68 kW
Maximum power rating	3.68 kW
Minimum fuse protection	1 x 16 A
Power supply cable length	1,5 m
Dimensions (width x depth x height)	370 x 540 x 52 mm
Weight (incl. accessories/packaging)	8.0 kg
Surface material	SCHOTT CERAN®
Cooktop power levels	1 - 9, P
Size of front cooking zone	Ø 230 mm
Size of rear cooking zone	Ø 165 mm
Front cooking zone output	2300 W
Rear cooking zone output	1400 W
Front cooking zone power setting output	3680 W
Rear cooking zone power setting output	2200 W

## Product description

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

## Scope of delivery

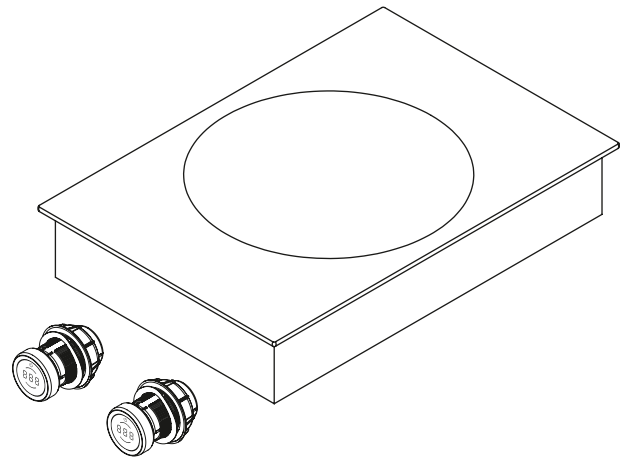
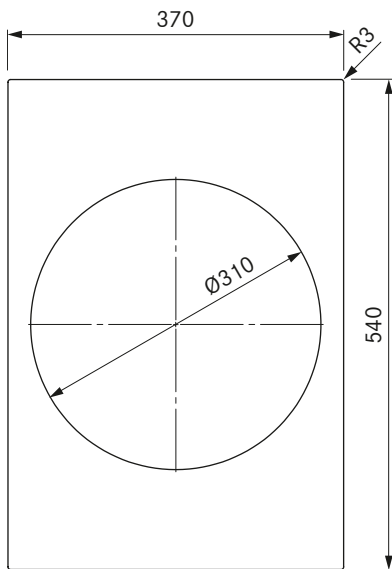
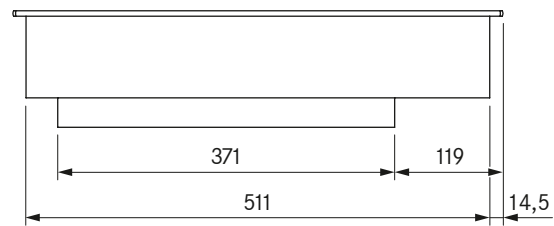
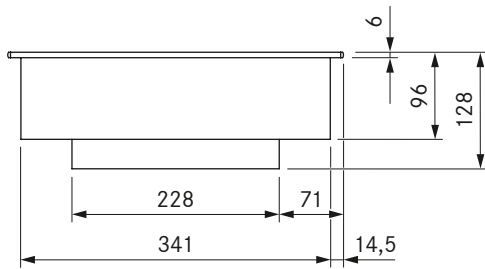
- Induction cooktop PKI3
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- height adjustment plate set

## product- and planning instructions

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

# PKIW3

BORA Pro induction wok cooktop



## Technical data

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

## Product description

- Intuitive 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

- Induction wok cooktop PKIW3
- 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

## Accessories

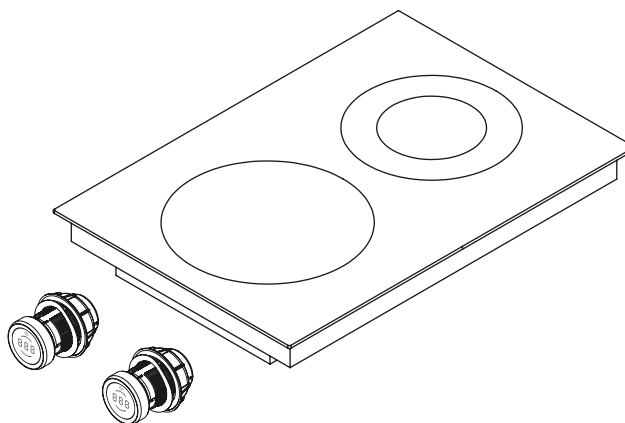
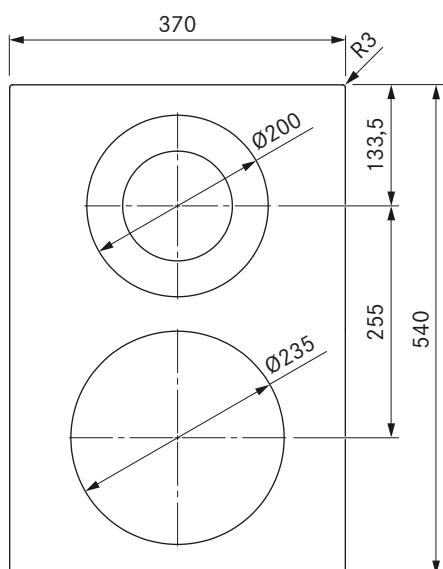
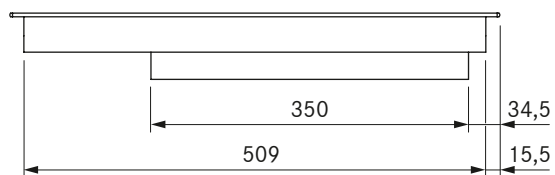
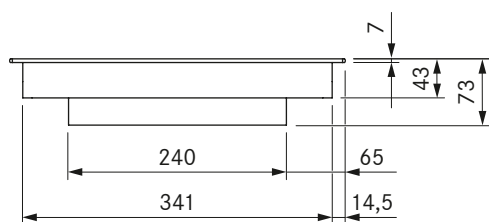
- HIW1 induction wok, Controlinduc®, stainless steel, Ø 360 mm

## product- and planning instructions

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

# PKCH3

BORA Pro Hyper cooktop 1-ring/2-ring



## Technical data

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

## Product description

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

## Scope of delivery

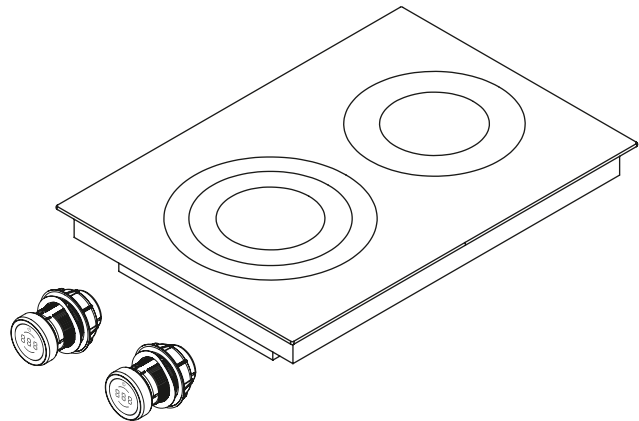
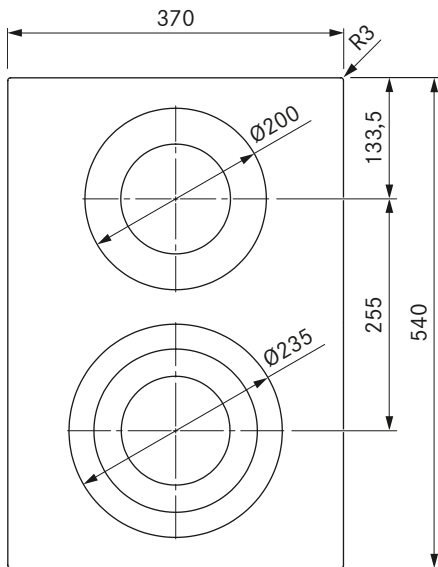
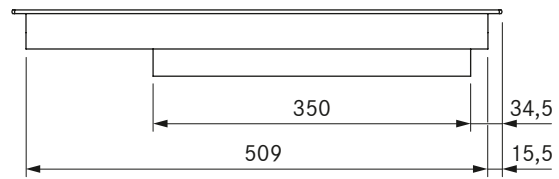
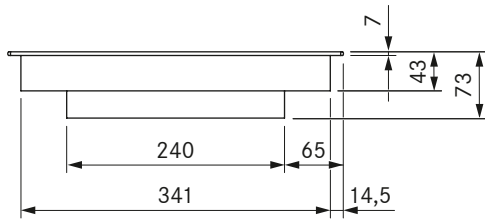
- Hyper cooktop, 1-ring/2-ring PKCH3
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- height adjustment plate set

## product- and planning instructions

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

# PKC3

BORA Pro HiLight cooktop 3-ring/2-ring



## Technical data

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

## Product description

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

## Scope of delivery

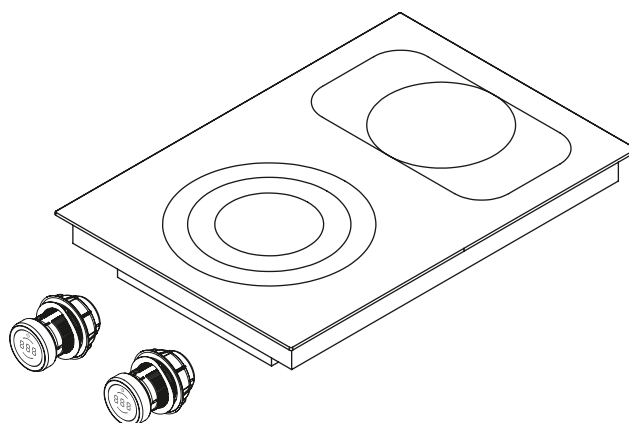
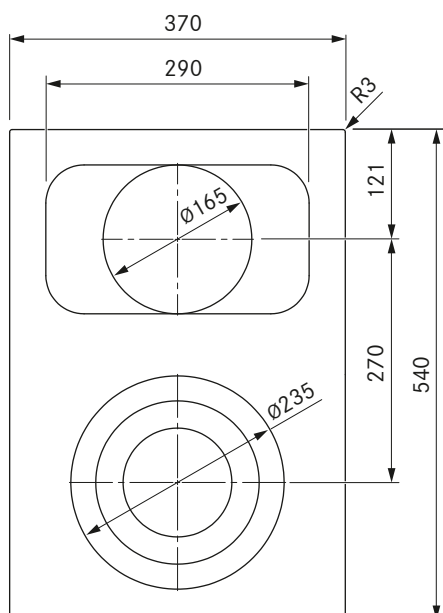
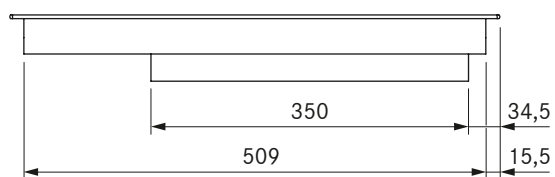
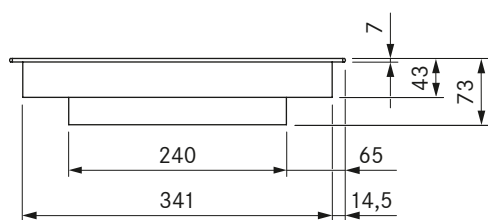
- HiLight cooktop, 3-ring/2-ring PKC3
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- height adjustment plate set

## product- and planning instructions

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

# PKCB3

BORA Pro HiLight cooktop 3 ring/roaster



## Technical data

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

## Product description

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

## Scope of delivery

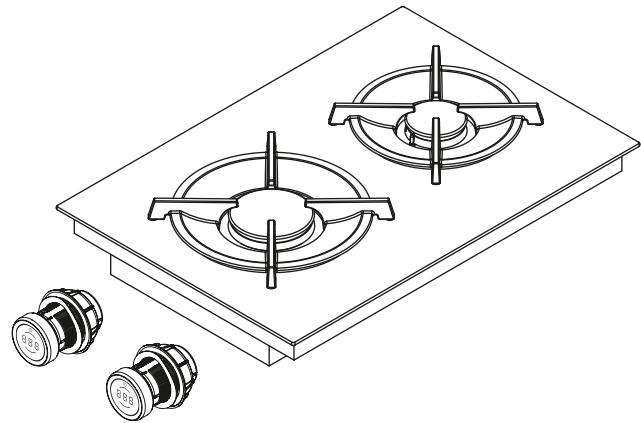
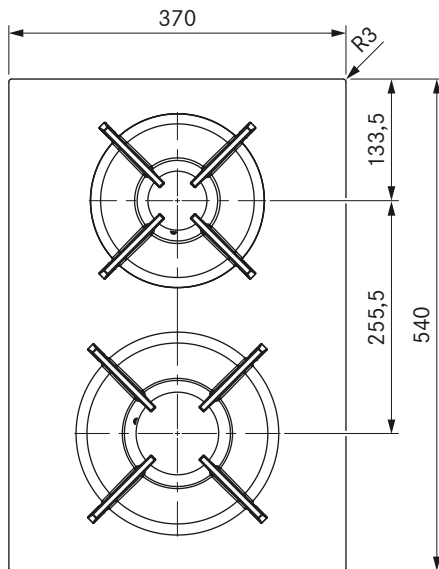
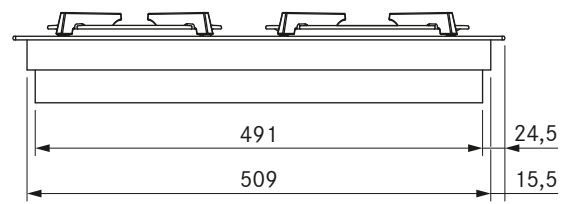
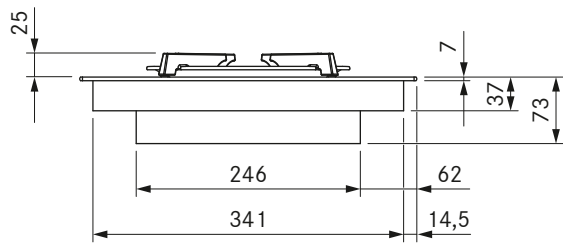
- HiLight cooktop, 3-ring/roaster PKCB3
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- mounting straps
- height adjustment plate set

## product- and planning instructions

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

# PKG3

BORA Pro gas cooktop



## Technical data

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

## Product description

- Intuitive control knob
- Variable heat retention function
- Sunken gas burners
- Automatic reignition
- Dishwasher-safe pan supports
- Childproofing feature
- automatic heat up function
- precise electronic control
- residual heat display
- Demo mode

## Scope of delivery

- Gas cooktop PKG3
- 2 x control knobs
- 2 x connection cables for the control knobs
- 2 x cast iron pan supports
- Gas nozzle set G20/20 mbar natural gas
- Flexible gas connection tube, length 500 mm, 1/2" external thread
- Connection cable to the extractor

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

## Accessories

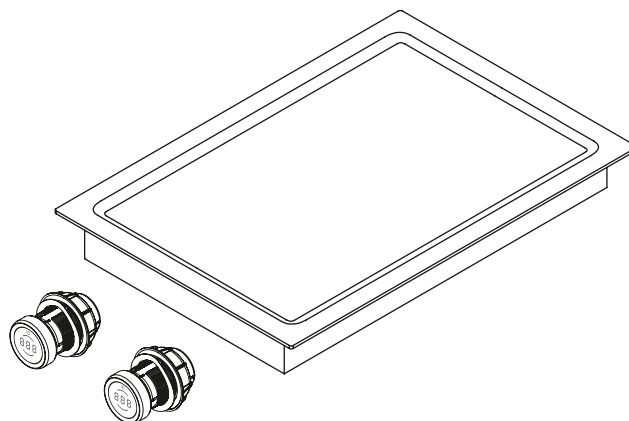
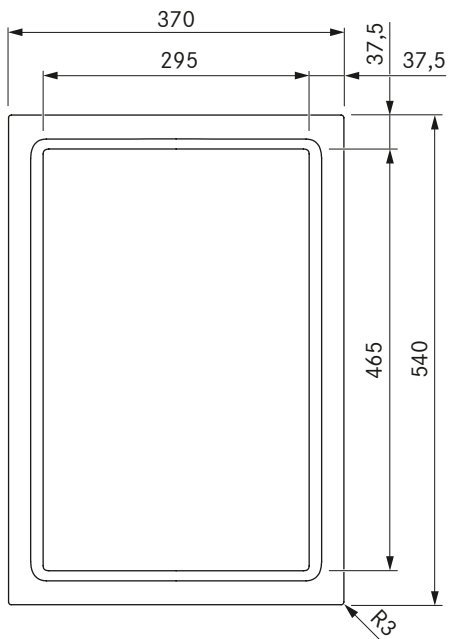
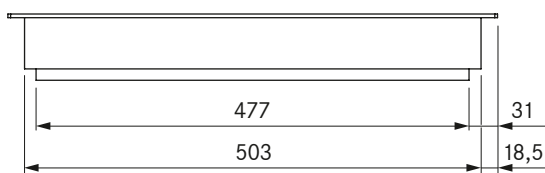
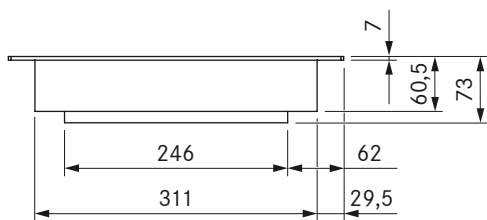
- BORA gas nozzle set natural gas G20/10 mbar PKGDS2010
- BORA gas nozzle set natural gas G20/13 mbar PKGDS2013
- BORA gas nozzle set natural gas G20/20 mbar PKGDS2020
- BORA gas nozzle set natural gas G25/20 mbar PKGDS2520
- BORA gas nozzle set natural gas G20/25 mbar PKGDS2025
- BORA gas nozzle set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

## product- and planning instructions

- Ensure sufficient air supply below the gas cooktop. Either over the front of the body (opening cross-section > 50 cm<sup>2</sup>) or over the plinth area (opening cross-section > 150 cm<sup>2</sup>)
- Provide a return flow aperture (opening cross-section > 1000 cm<sup>2</sup> per air cleaning unit) for recirculation in the plinth area
- Please note the local regulations and connection requirements applicable to gas cooktops
- Please note the special installation and workmanship guidelines for the gas cooktop (see the operating and installation instructions)
- When operating a gas cooktop with a cooktop extractor, the gas flame can be affected (depending on the height of the power level on the cooktop extractor)
- The performance characteristics of the gas cooktop (e.g. heating times, efficiency, etc.) are affected by the cooktop extractor. The cooktop extractor also affects the heat input and distribution
- If the gas cooktop is used in a model with two cooktop extractors, it is to be installed at the side
- Rotation by 180° possible during installation

# PKT3

BORA Pro Tepan stainless steel grill with 2 cooking zones



### Technical data

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

### Product description

- Intuitive 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

- Tepan stainless steel grill PKT3
- 2 x control knobs
- 2 x connection cables for the control knobs
- Connection cable to the extractor
- operating and installation instructions
- PTTS1 Tepan scraper
- height adjustment plate set
- mounting straps

### product- and planning instructions

- Ensure sufficient ventilation of the area below the cooktop.



# Energy labelling

BORA Pro cooktop extractor PKA3/PKA3AB

BORA Pro cooktop extractor system with integrated fan PKAS3/PKAS3AB

## Product information according to delegated regulation (EU) no. 65/2014 and regulation (EU) no. 66/2014.

Manufacturer Model identification	BORA PKA3/PKA3AB		BORA PKAS3/PKAS3AB	
	Symbol	Value	Value	Unit
<b>Energy consumption</b>				
Annual energy consumption	$AEC_{hood}$	26,3	28,0	kWh/a
Energy efficiency class	-	A++	A+	-
Energy efficiency index	$EEl_{hood}$	35,2	39,8	-
<b>Flow volume</b>				
Fluid dynamic efficiency	$FDE_{hood}$	36,9	34,3	-
Fluid dynamic efficiency class	-	A	A	-
Minimum air flow in normal use	-	269	221	m <sup>3</sup> /h
Maximum air flow in normal use	-	598	558	m <sup>3</sup> /h
Maximum air flow on intensive or boost setting (power setting)	$Q_{max}$	613	670	m <sup>3</sup> /h
Measured air flow rate at best efficiency point	$Q_{BEP}$	283,7	296,7	m <sup>3</sup> /h
Measured air pressure at best efficiency point	$P_{BEP}$	507,3	417,0	Pa
Measured electric power input at best efficiency point	$W_{BEP}$	108,3	100	W
Time increase factor	f	0,7	0,8	-
<b>Lighting</b>				
Lighting efficiency	$LE_{hood}$	*	*	lx/W
Lighting efficiency class	-	*	*	-
Nominal power of the lighting system	$W_L$	*	*	W
Average illumination of the lighting system on the cooking surface	$E_{middle}$	*	*	lx
<b>Grease filtering</b>				
Grease filtering efficiency	$GFE_{hood}$	83,7	74,7	%
Grease filtering efficiency class	-	C	D	-
<b>Noise</b>				
Airborne acoustical A-weighted sound power emissions at minimum speed available in normal use	-	47	46	dB(A) re_1pW
Airborne acoustical A-weighted sound power emissions at maximum speed available in normal use	-	65	67	dB(A) re_1pW
Airborne acoustical A-weighted sound power emissions on intensive or boost setting (power setting)	-	65	70	dB(A) re_1pW
Sound pressure level at minimum speed available in normal use**	-	33	34	LpA in dB re 20 µPa
Sound pressure level at maximum speed available in normal use**	-	52	55	LpA in dB re 20 µPa
Sound pressure level on intensive or boost setting (power setting)**	-	52	58	LpA in dB re 20 µPa
<b>Power consumption</b>				
Power consumption in off mode	$P_o$	0,35	0,18	W
Power consumption in standby mode	$P_s$	*	*	W

\* Not applicable to this product.

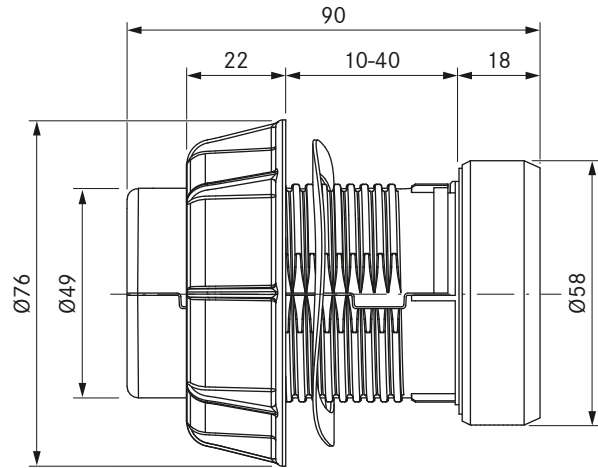
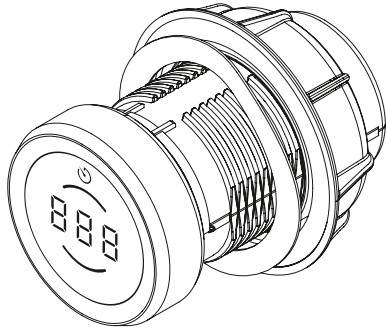
\*\* Voluntary information

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

# Control knob

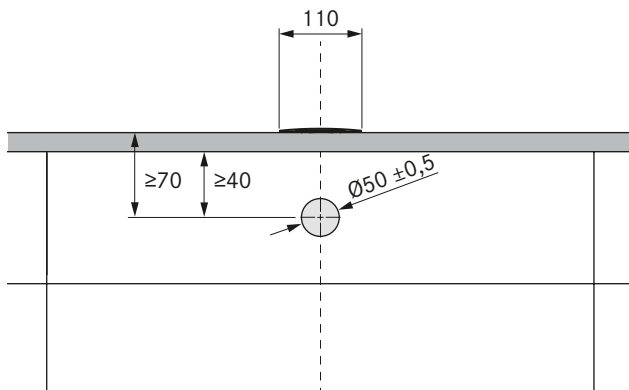
BORA Pro control knob

## Appliance and installation dimensions

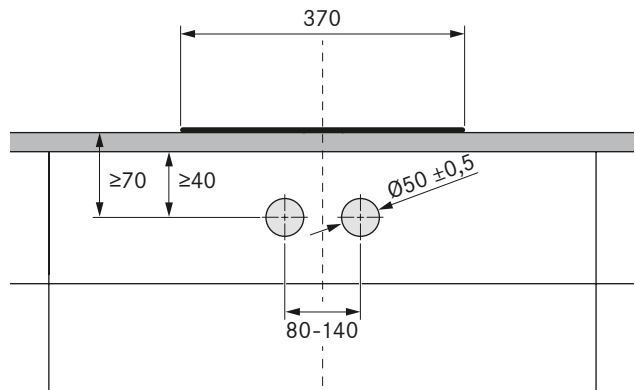


### Bore holes

Bore hole for the control knob on the Professional cooktop extractor:

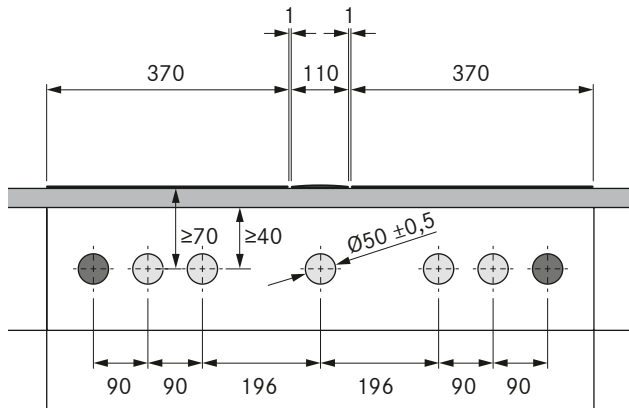


Bore holes for the control knobs on the Professional cooktops:

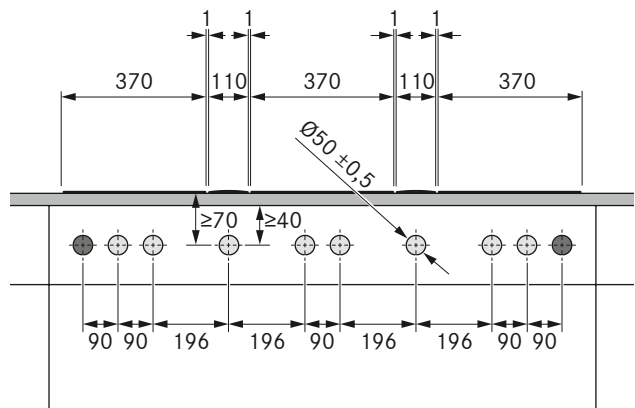


### Bore hole examples

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



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

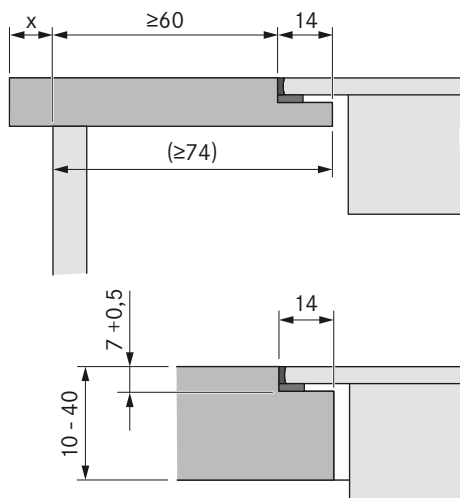


⊕ = Control knob bore holes   ⊙ = Socket bore holes

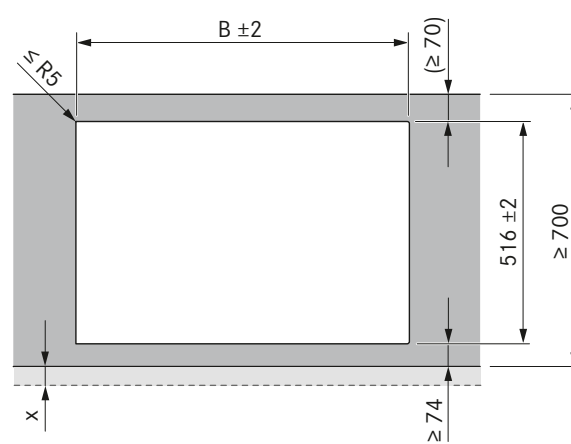
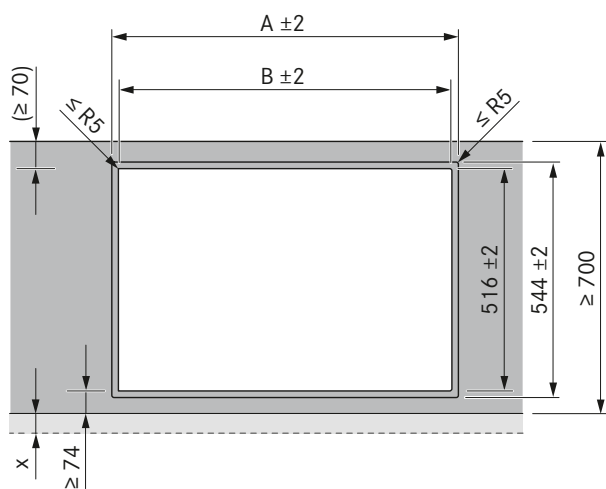
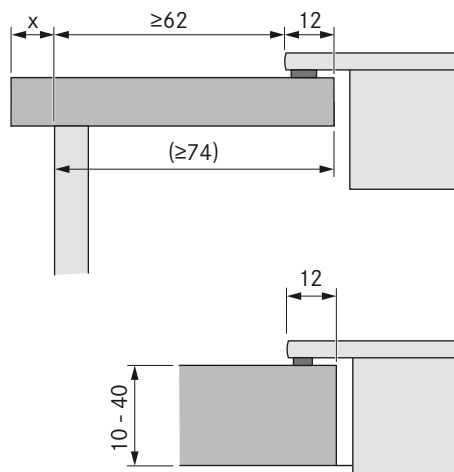
# Cut-out dimensions

BORA Professional 3.0

## 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

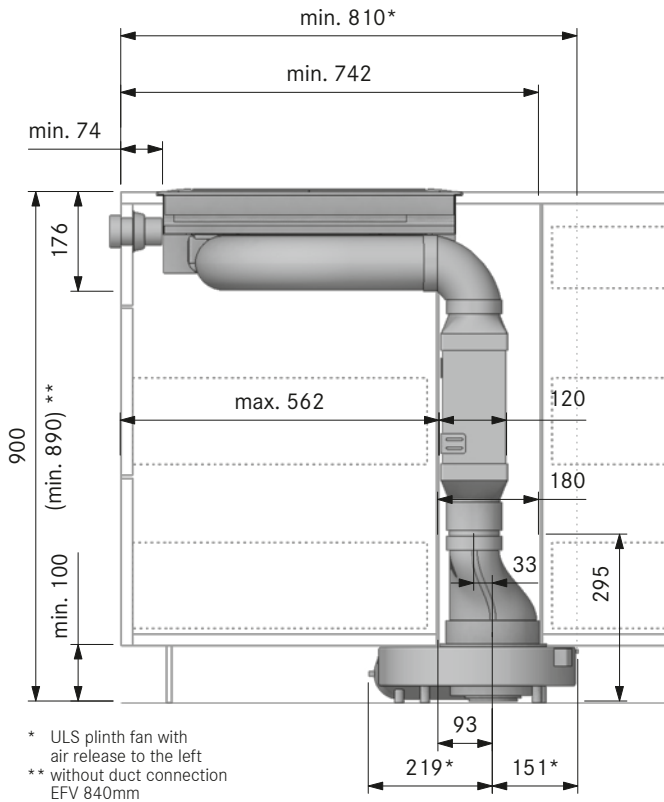
### Important planning instructions:

- All dimensions from the front edge of the front cover.
- Cut-out dimensions tolerance  $\pm 2$  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).

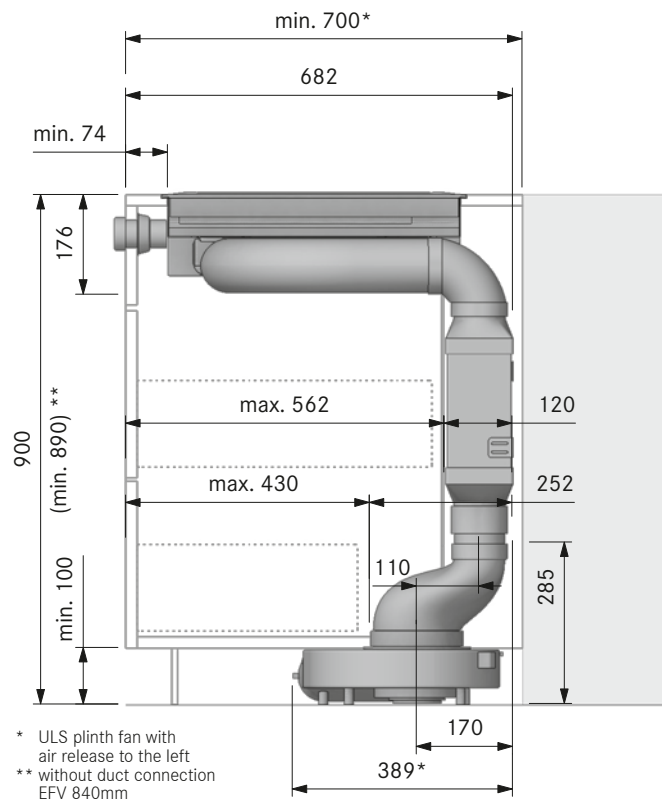
# Installation cut-outs

BORA Professional 3.0

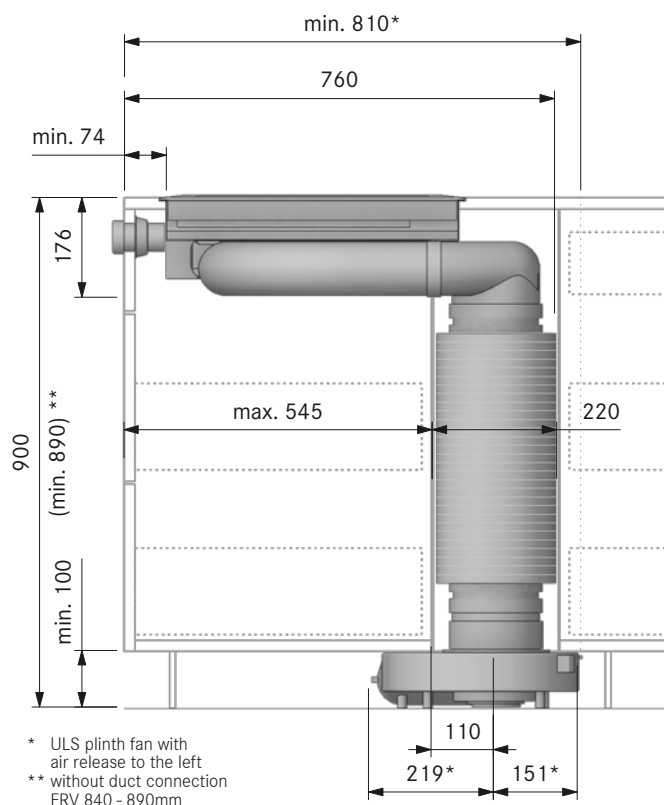
**Installation cut-out PKA3 with shallow silencer USDF, shallow duct connector EFV and straight transition piece EFRG (kitchen island):**



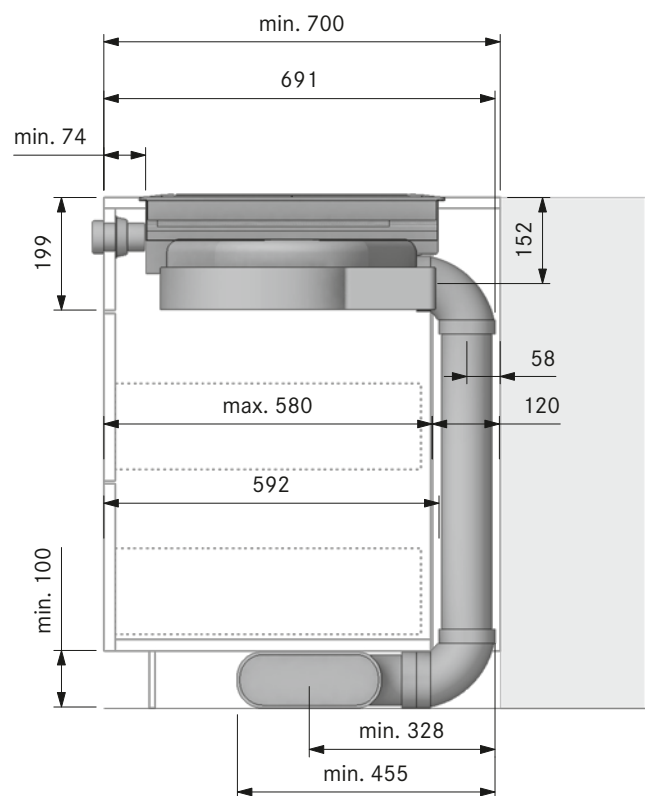
**Installation cut-out PKA3 with shallow silencer USDF, shallow duct connector EFV and flat round offset EFRV1 110 (kitchen counter 700):**



**Installation cut-out PKA3 with round silencer USDR50 and round duct connection ERV (kitchen island):**



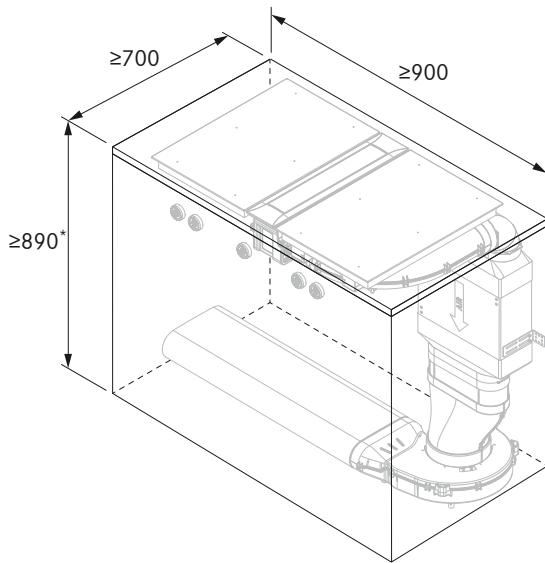
**Installation cut-out PKAS3 with Ecotube shallow duct:**



# Minimum dimensions for installation

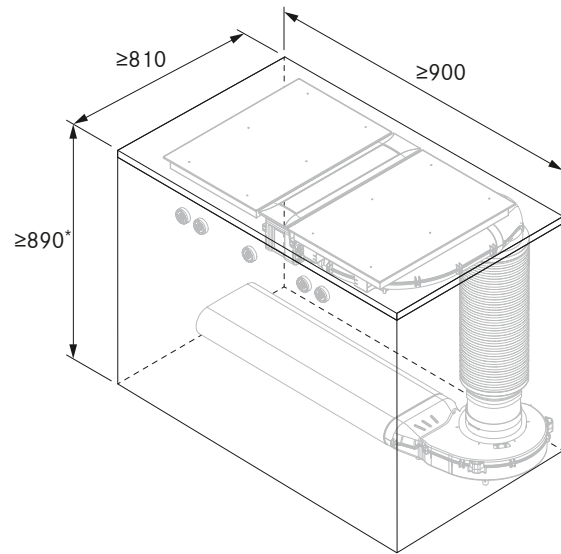
BORA Professional 3.0

## Minimum dimensions for installation PKA3 + UESDFSL:



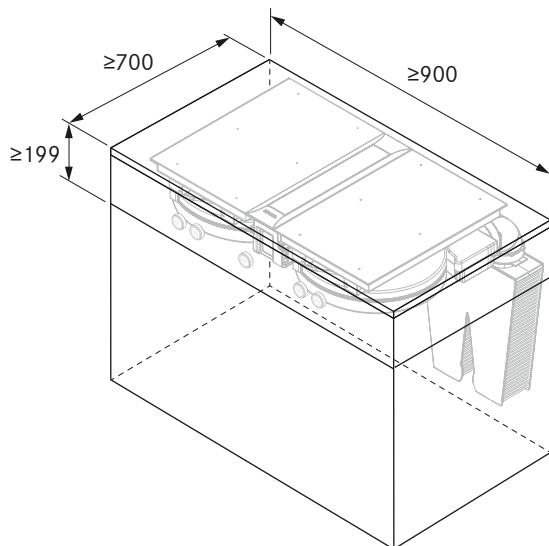
\*Without EFV 840  
(The bottom drawer must be shortened,  
ULS plinth fan with air release to the left)

## Minimum dimensions for installation PKA3 + UESDRSL:

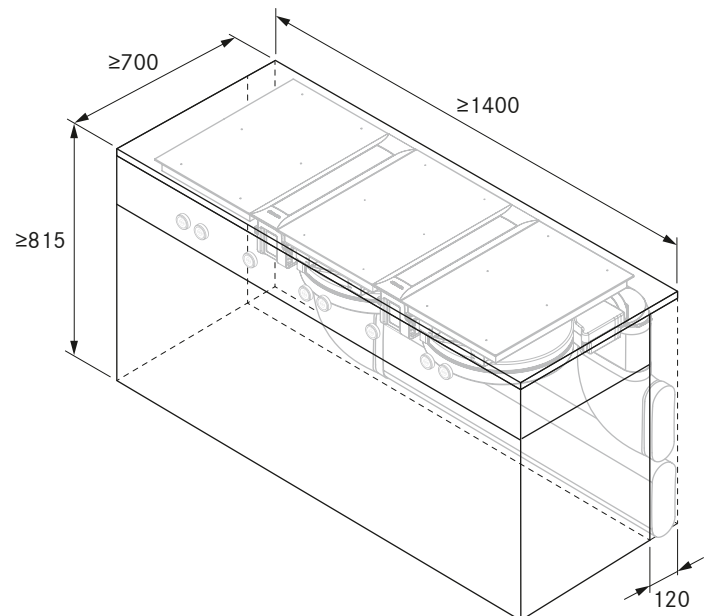


\*Without ERV 840-890  
(ULS plinth fan with air release to the left)

## Minimum dimensions for installation PKAS3 + EFBV90 + ULBF:



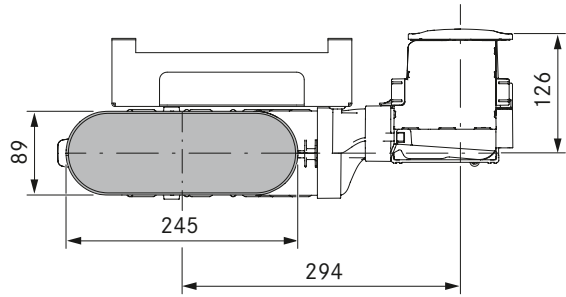
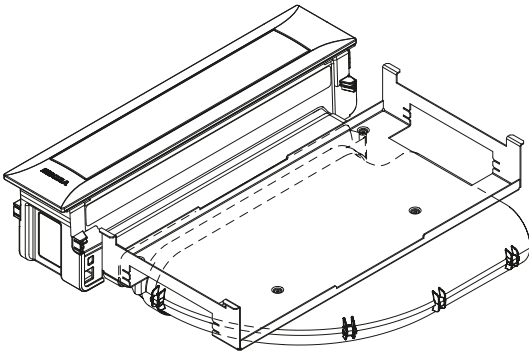
## Minimum dimensions for installation 2 PKAS3 (exhaust system):



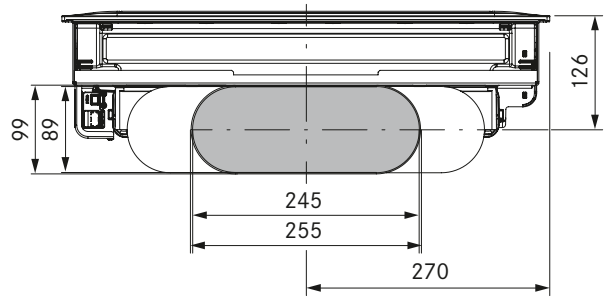
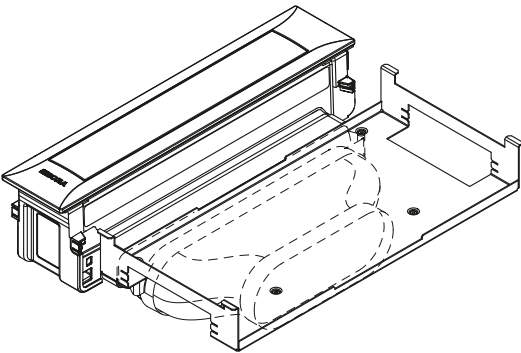
# Duct connection dimensions

BORA Pro cooktop extractors

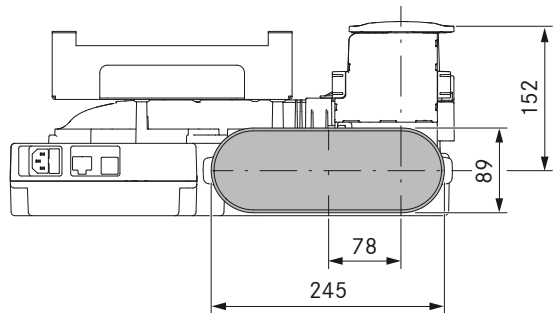
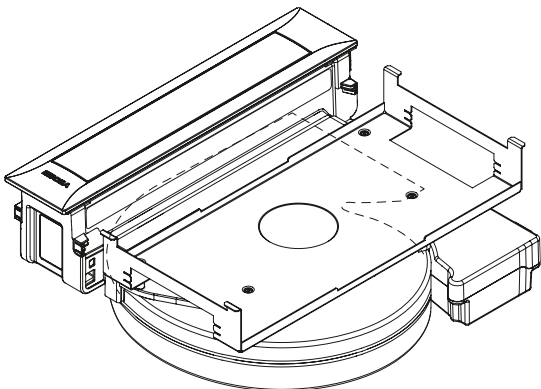
## PKA3/PKA3AB cooktop extractor with curved duct element



## Installation option: PKA3/PKA3AB cooktop extractor with straight duct element



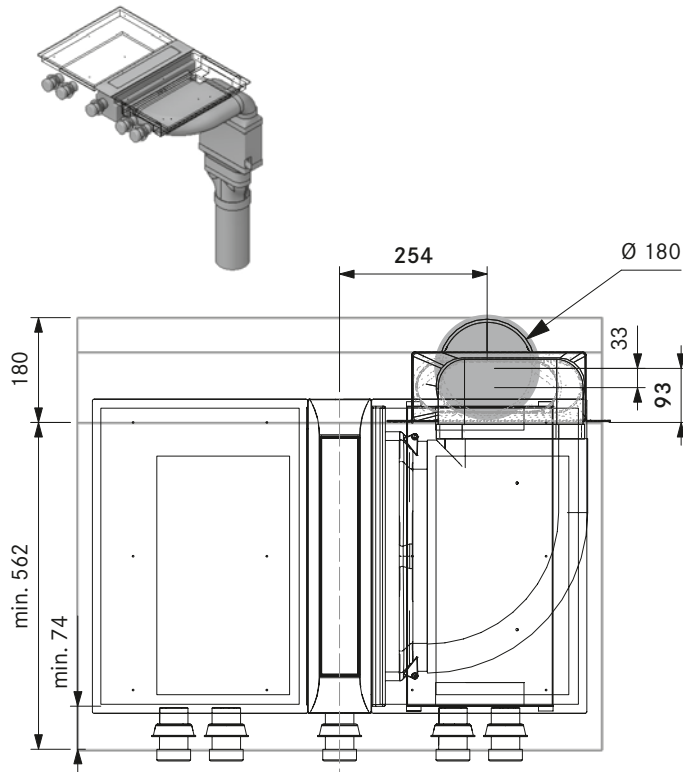
## PKAS3/PKAS3AB cooktop extractor system



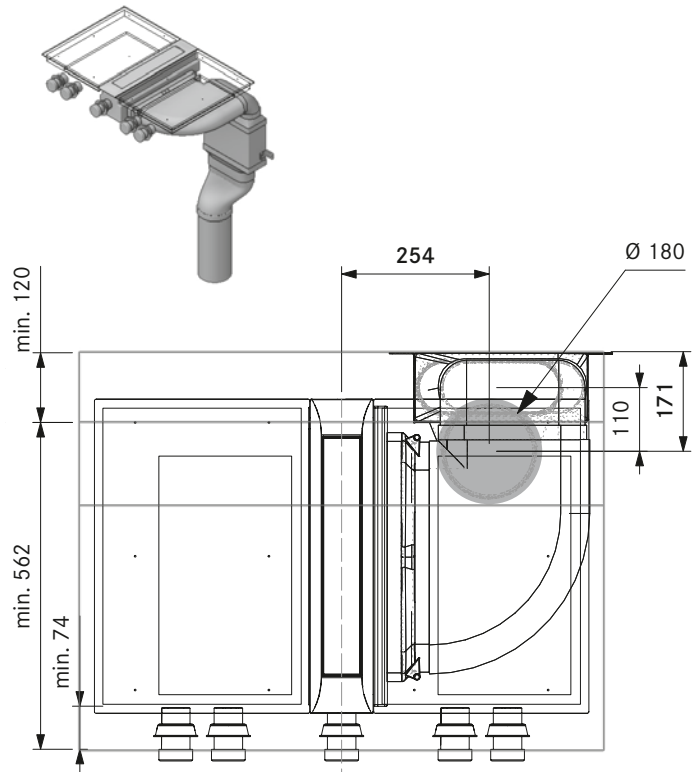
# Core bore holes

BORA Professional 3.0

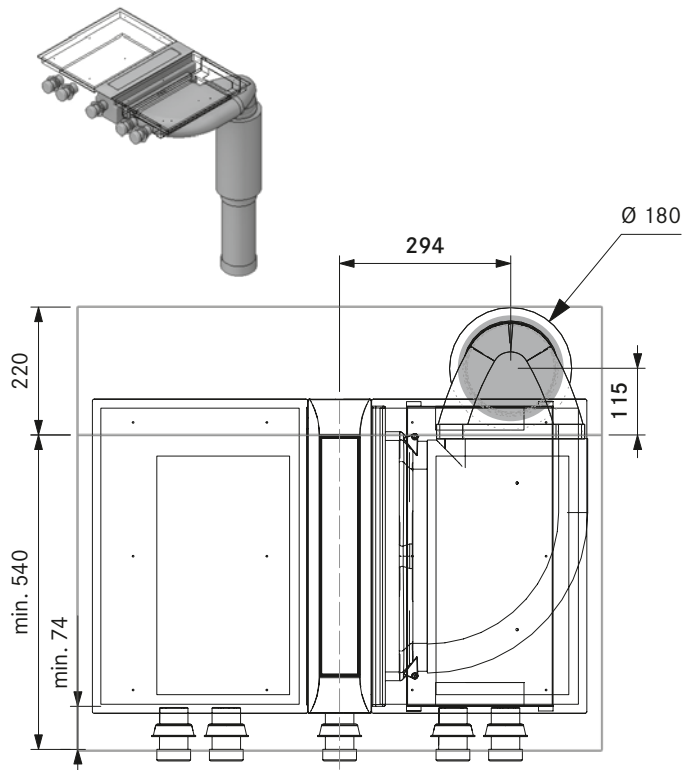
**Minimum dimensions for core bore hole  
PKA3 + USDF + EFRG (kitchen island):**



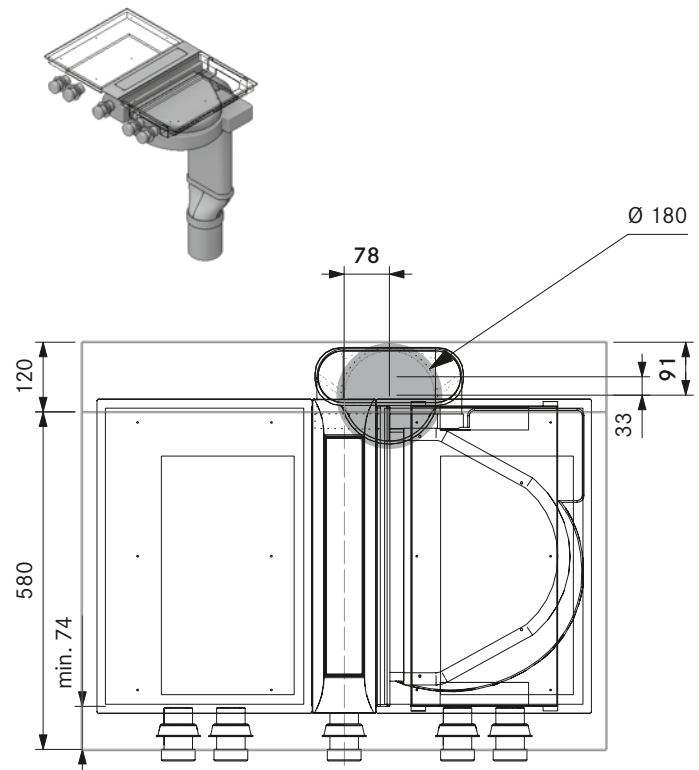
**Minimum dimensions for core bore hole  
PKA3 + USDF + EFRV110 (kitchen counter):**



**Minimum dimensions for core bore hole  
PKA3 + USDR50 (kitchen island):**



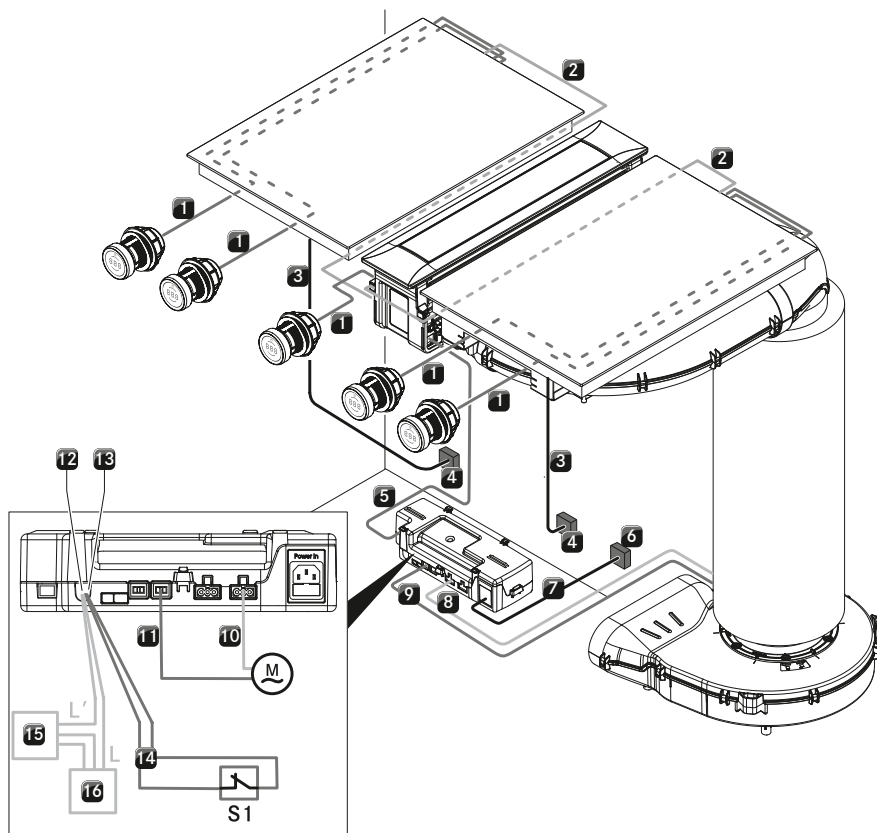
**Minimum dimensions for core bore hole  
PKAS3 + EF750 + EFRG (kitchen counter):**



# Connection diagram

BORA Professional 3.0

## BORA Pro cooktop extractor PKA3/PKA3AB



Position	Description	Note
1	Cable control knob – interface	Length 1 m
2	Automatic extraction system cable	Length 1 m
3	Cooktop power supply cable	Length 1.5 m
4	Power supply per cooktop: PKT3, PKC3, PKCB3, PKCH3 PKFI3, PKI3, PKIW3 PKG3	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 (country-specific)
8	Fan 1 power supply cable	
9	Fan 1 control line	
10	Fan 2 power supply cable	
11	Fan 2 control line	
12	Home-Out connection	Maximum 250 VAC / 30 VDC, 2.5 A
13	Home-In connection	24V DC / 100 mA
14	Connection cable Home-In	
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

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

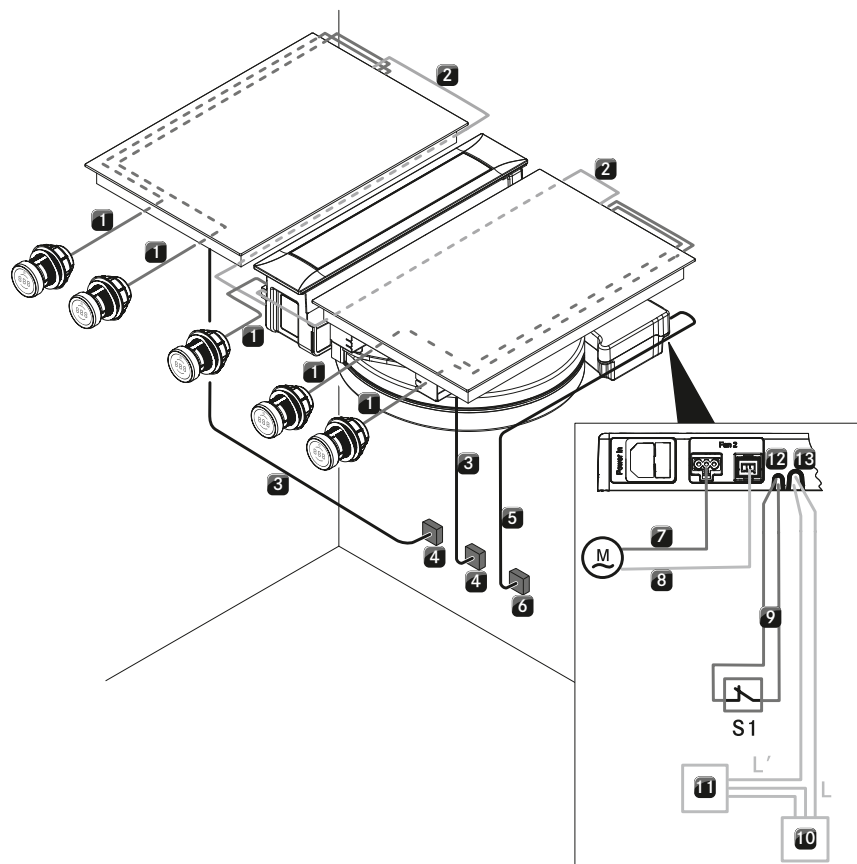
The connection itself must be carried out by a qualified specialist based on the operating instructions.



# Connection diagram

BORA Professional 3.0

## BORA Pro cooktop extractor system PKAS3/PKAS3AB



Position	Description	Note
1	Cable control knob – interface	Length 1 m
2	Automatic extraction system cable	Length 1 m
3	Cooktop power supply cable	Length 1.5 m
4	Power supply per cooktop: PKT3, PKC3, PKCB3, PKCH3 PKFI3, PKI3, PKIW3, PKG3	L1/L2/N/PE min. fuse protection 2 x 16 A L/N/PE min. fuse protection 1 x 16 A
5	PKAS3/PKAS3AB power supply cable	Length 2 m (country-specific)
6	PKAS3/PKAS3AB power supply	
7	Fan 2 power supply cable	
8	Fan 2 control line	
9	Connection cable Home-In	
10	Power supply for external device	
11	External device	e.g. electrically operated wall sleeve
12	Home-In connection	24V DC / 100 mA
13	Home-Out connection	Maximum 250 VAC/ 30 VDC, 2.5A
M	Fan 2	
S1	External switch contact	e.g. window contact switch for operating in exhaust mode with flues

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

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

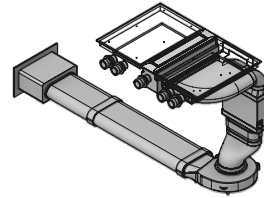
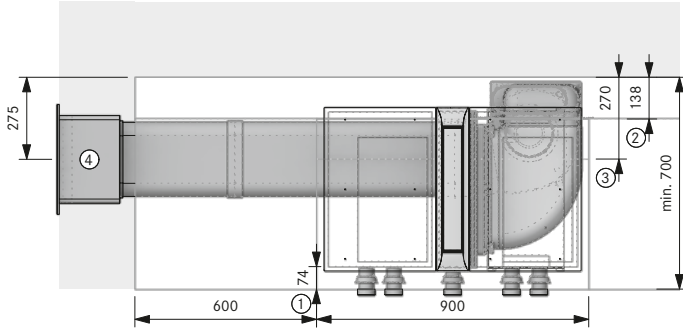
# Model plans

BORA Professional 3.0

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

## PKA3 90° – Exhaust air model for kitchen units

MP\_6125 – with ULS plinth fan, USDF shallow silencer and airflow towards the left in the basement



### Planning instructions

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

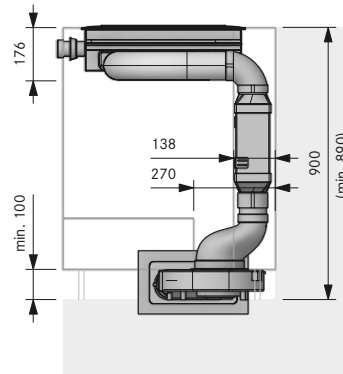
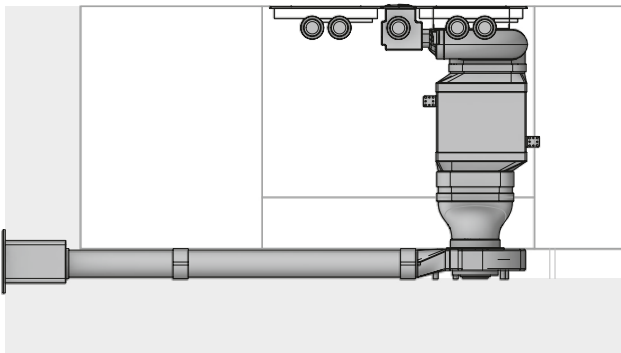
### BORA product

- 1 PKA3 Pro Cooktop extractor
- 1 UESDFSL Universal Ecotube Set with USDF and ULS

### BORA Ecotube product

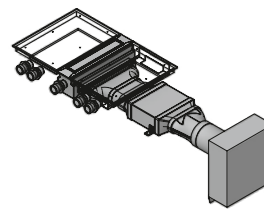
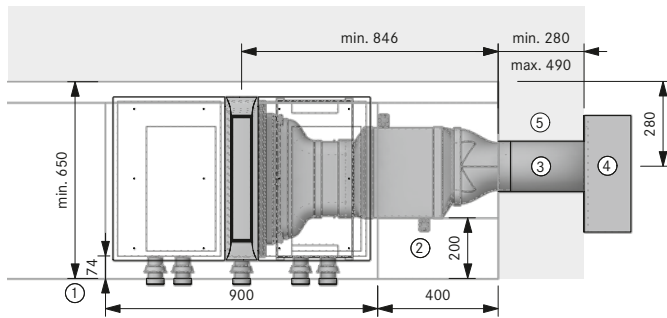
- 2 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 2 EF750/1 shallow duct 750 mm

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



## PKA3 straight – exhaust air model for kitchen units

MP\_6408 – with ULA external wall fan, USDF shallow silencer and air flow towards the right under the worktop



### Planning instructions

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

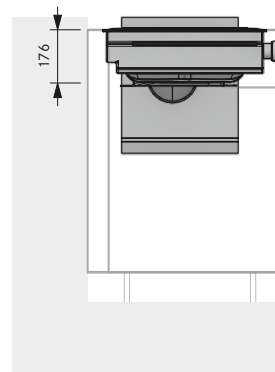
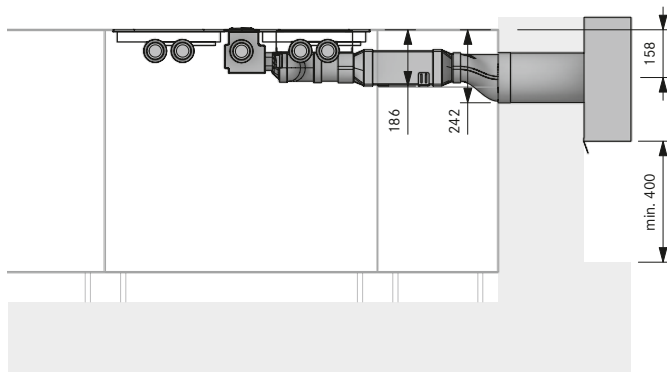
### BORA product

- 1 PKA3 Pro Cooktop extractor
- 1 ULA external wall fan EC
- 1 USDF shallow silencer

### BORA Ecotube product

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

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



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

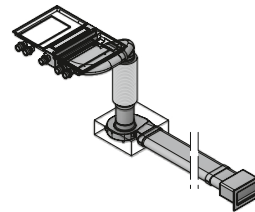
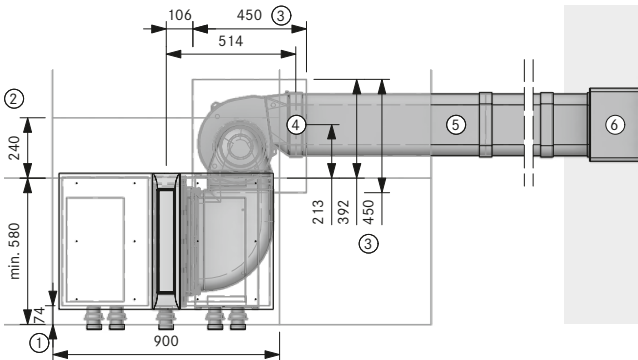
# Model plans

BORA Professional 3.0

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

## PKA3 90° – exhaust air model for kitchen units

MP\_6210 – with ULS plinth fan, USDR50 round silencer and air flow to the right in the plinth



### Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ Floor recess for ULS
- ④ Ecotube connection point
- ⑤ Fitted in floor installation according to DIN 18560-2 (fully integrated in the levelling layer). If the structure deviates from DIN 18560-2, reinforced screed must be provided for
- ⑥ Wall opening 310 x 155 mm  
71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

### BORA product

- 1 PKA3 Pro Cooktop extractor
- 1 UESDFS Universal Ecotube Set with USDF and ULS

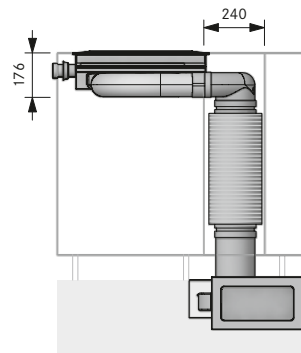
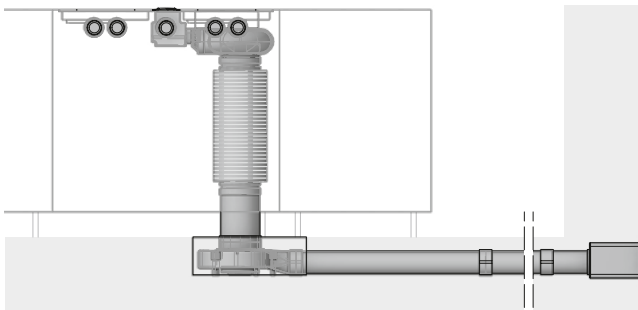
### BORA Ecotube product

- 1 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 1 EFS750/1 shallow duct with partition 750 mm

### BORA Ecotube product according to requirements

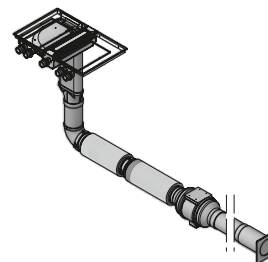
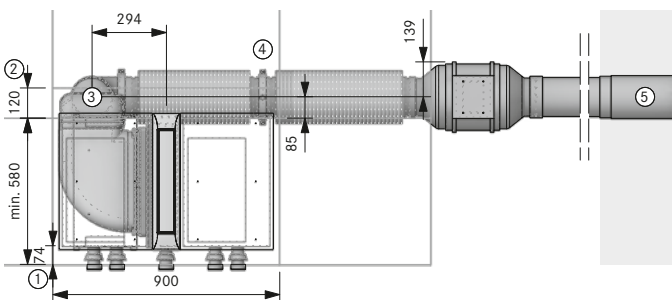
- EFV/1 duct connection, shallow
- EFS750/1 shallow duct with partition 750 mm

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



## PKA3 90° - exhaust air model for kitchen islands

MP\_6315 – with ULI duct fan, USDR50 round silencer and air flow to the right in the basement



### Planning instructions

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

### BORA product

- 1 PKA3 Pro Cooktop extractor
- 1 ULI duct fan EC
- 2 USDR50 round silencer 500 mm

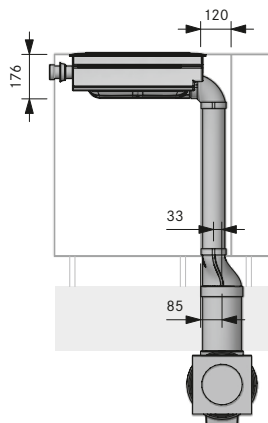
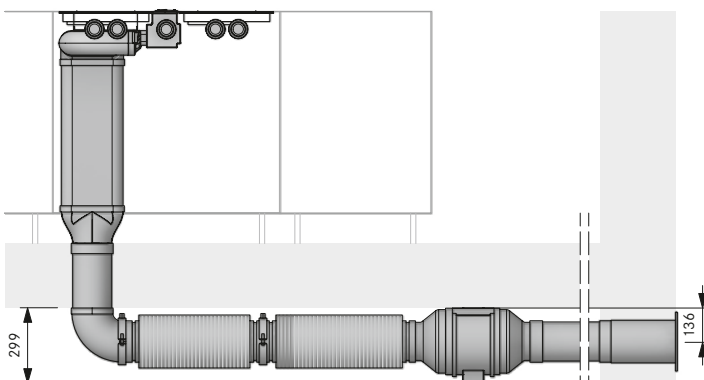
### BORA Ecotube product

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

### BORA Ecotube product according to requirements

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

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



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

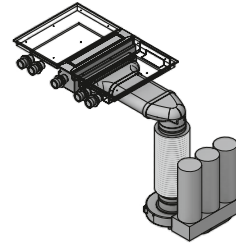
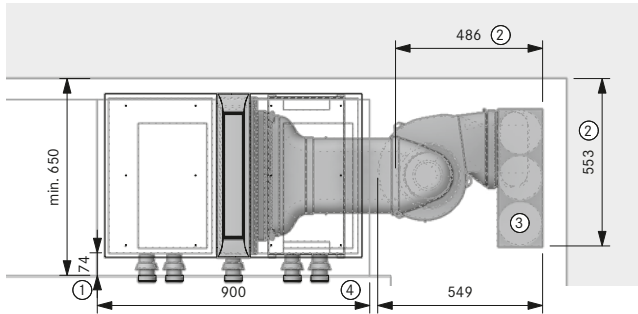
# Model plans

BORA Professional 3.0

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

## PKA3 straight – recirculation model for kitchen units

MP\_6135 – with ULS plinth fan, USDR50 round silencer and ULB3X air cleaning box



### Planning instructions

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

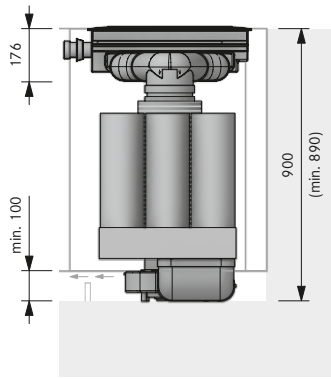
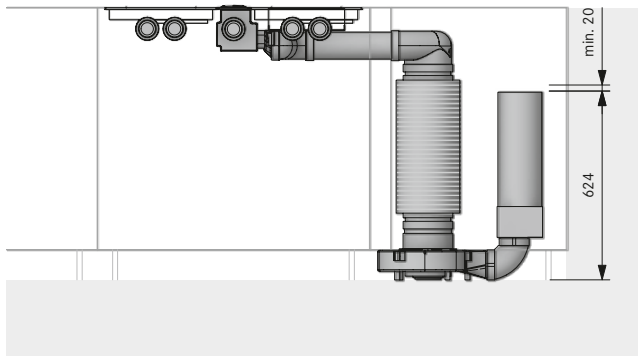
### BORA product

- 1 PKA3 Pro Cooktop extractor
- 1 UESDRSL Universal Ecotube Set with USDR50 and ULS
- 1 ULB3X air cleaning box 3

### BORA Ecotube product

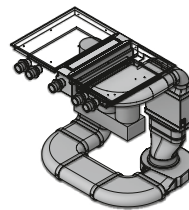
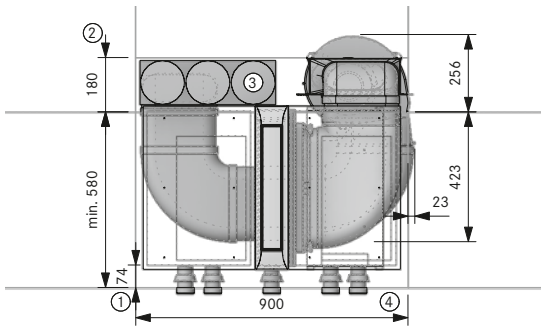
- 1 EFBV90/1 90° bend, shallow vertical

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



## PKA3 90° – recirculation model for kitchen islands

MP\_6127 – with ULS plinth fan, USDF shallow silencer and standing ULB3X air cleaning box



### Planning instructions

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

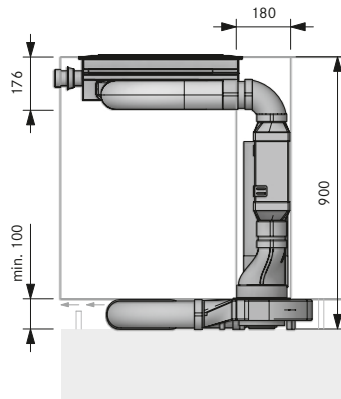
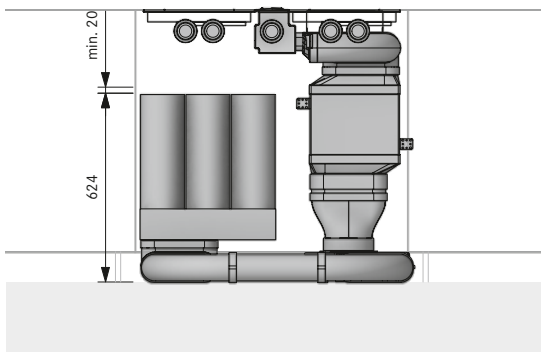
### BORA product

- 1 PKA3 Pro Cooktop extractor
- 1 UESDFSL Universal Ecotube Set with USDF and ULS
- 1 ULB3X air cleaning box 3

### BORA Ecotube product

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

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



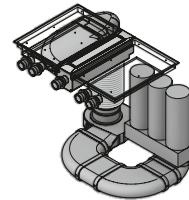
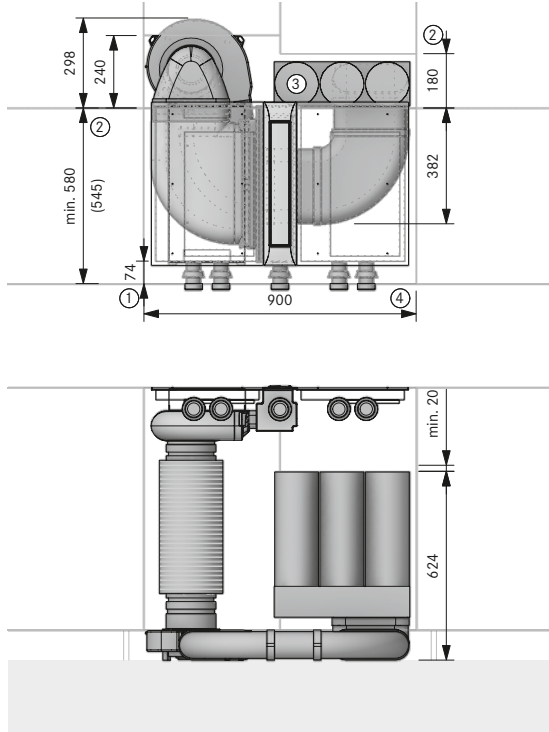
Installation may only be carried out in accordance with the applicable standards, regulations and laws.

# Model plans

BORA Professional 3.0

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

## PKA3 90° – recirculation model for kitchen islands MP\_6161 – with ULS plinth fan, USDR50 round silencer and standing ULB3X air cleaning box



### Planning instructions

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

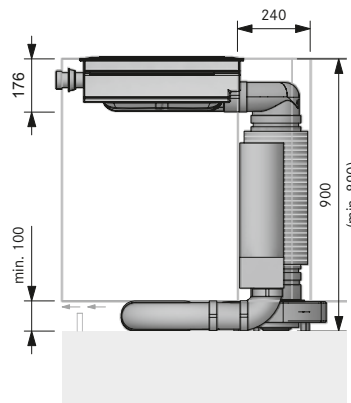
### BORA product

- 1 PKA3 Pro Cooktop extractor
- 1 UESDRSL Universal Ecotube Set with USDR50 and ULS
- 1 ULB3X air cleaning box 3

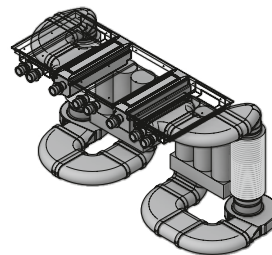
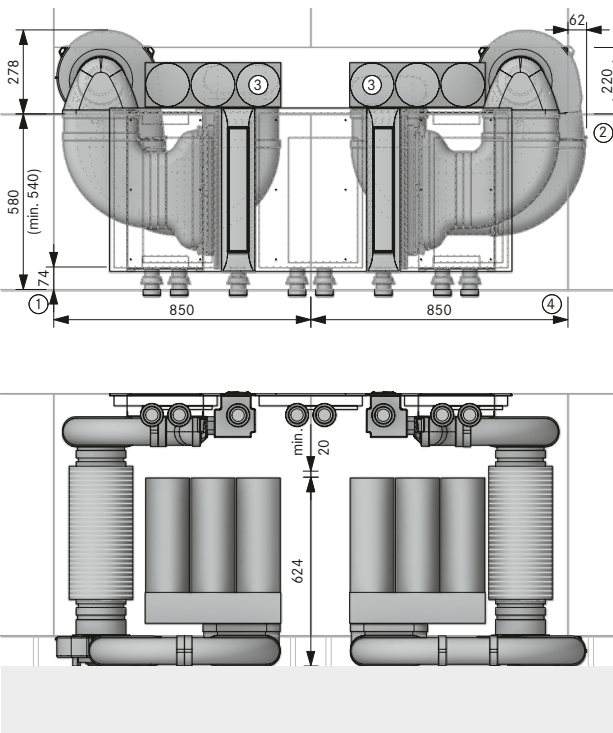
### BORA Ecotube product

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

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



## PKA3 90° - double recirculation model for kitchen islands MP\_6001 – with ULS plinth fan, USDR50 round silencer and standing ULB3X air cleaning box



### Planning instructions

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

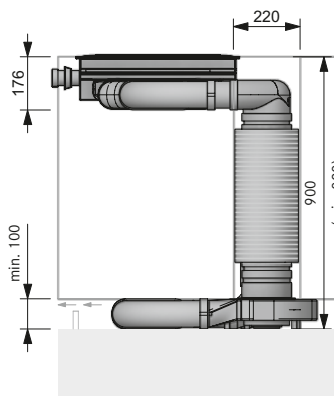
### BORA product

- 2 PKA3 Pro Cooktop extractor
- 2 UESDRSL Universal Ecotube Set with USDR50 and ULS
- 2 ULB3X air cleaning box 3

### BORA Ecotube product

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

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



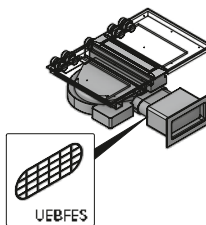
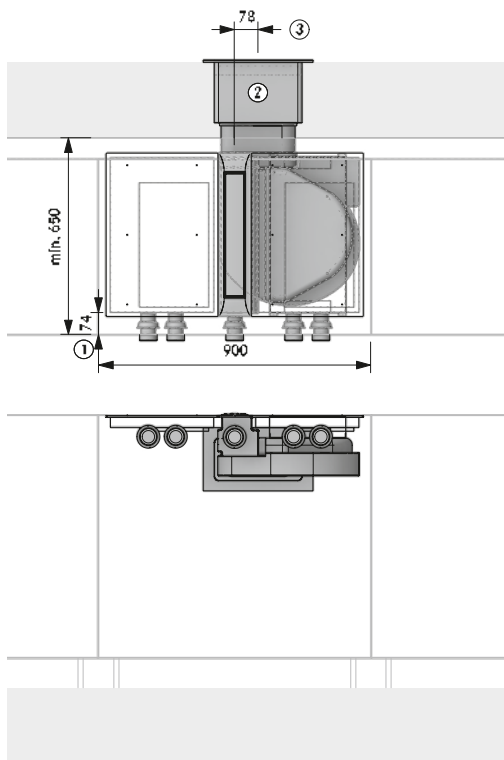
Installation may only be carried out in accordance with the applicable standards, regulations and laws.

# Model plans

BORA Professional 3.0

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

## PKAS3 – exhaust air model for kitchen units MP\_6407 – with air flow towards the back



### Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Wall opening 310 x 155 mm  
71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions
- ③ In the case of ducting ≤ 900 mm with no bend between the fan and wall sleeve, the UEBFES/UEBRES is required

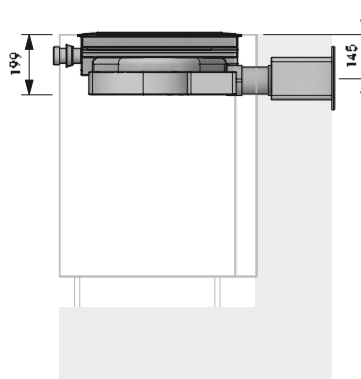
### BORA product

- 1 PKAS3 Pro cooktop extractor system with integrated fan

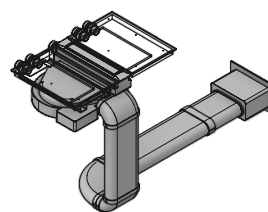
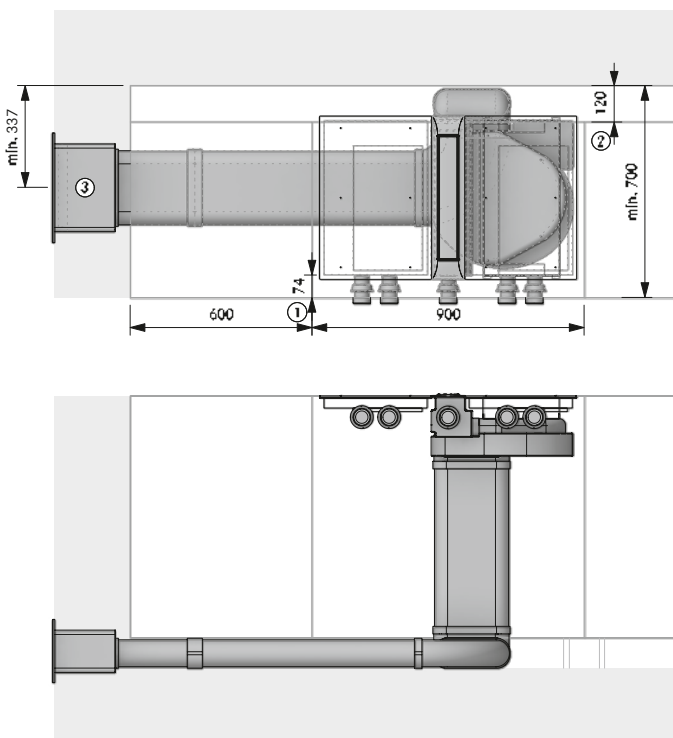
### BORA Ecotube product

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

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



## PKAS3 – exhaust air model for kitchen units MP\_6116 – with airflow towards the left in the plinth



### Planning instructions

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

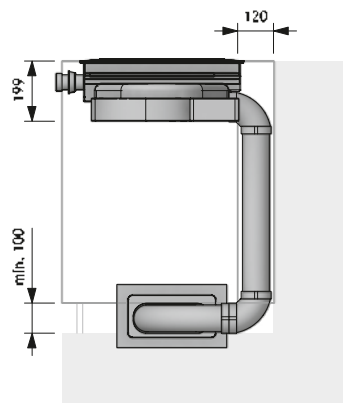
### BORA product

- 1 PKAS3 Pro cooktop extractor system with integrated fan

### BORA Ecotube product

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

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



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

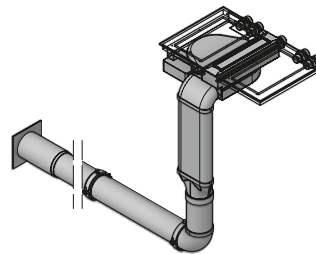
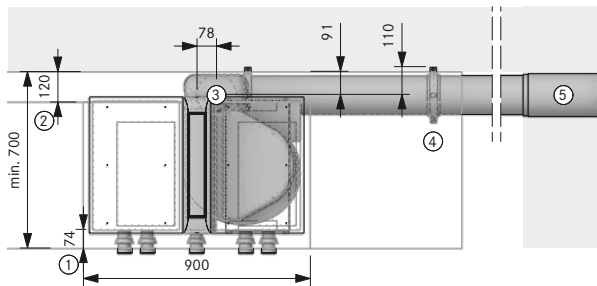
# Model plans

BORA Professional 3.0

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

## PKAS3 – exhaust air model for kitchen units

MP\_6316 – with airflow towards the right in the basement



### Planning instructions

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

### BORA product

- 1 PKAS3 Pro cooktop extractor system with integrated fan

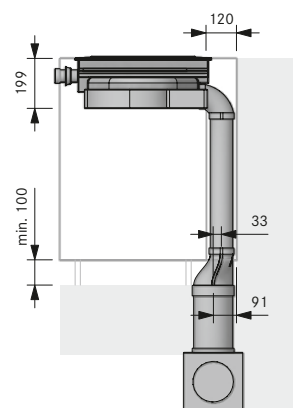
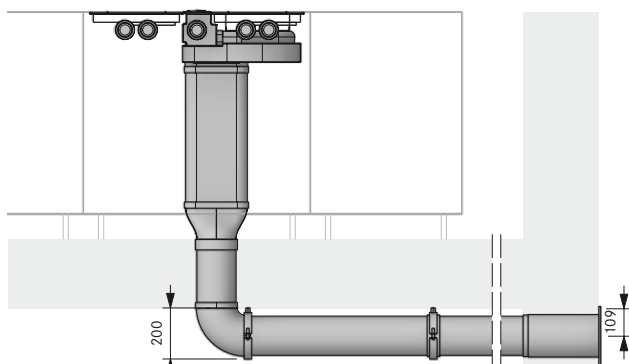
### BORA Ecotube product

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

### BORA Ecotube product according to requirements

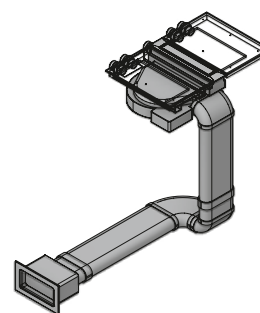
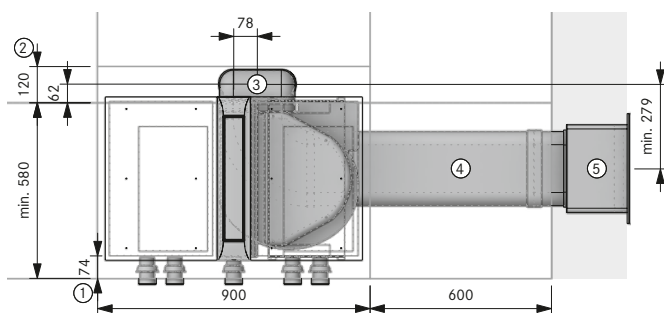
- ERV/1 duct connection, round
- ERMS/1 installation set, round
- ER750/1 round duct 750 mm

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



## PKAS3 – exhaust air model for kitchen peninsulas

MP\_6212 – with airflow towards the right in floor installation



### Planning instructions

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

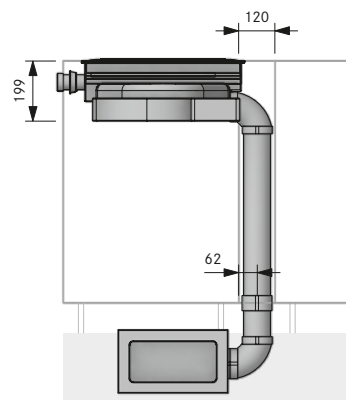
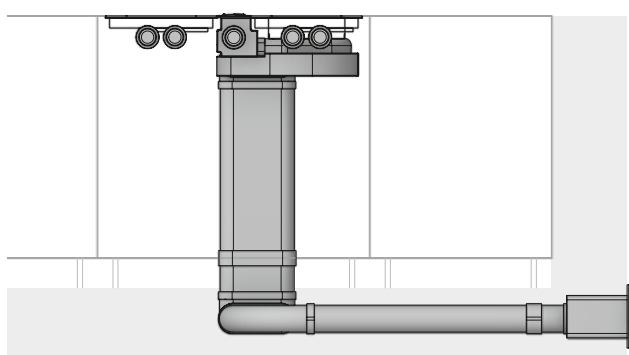
### BORA product

- 1 PKAS3 Pro cooktop extractor system with integrated fan

### BORA Ecotube product

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

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



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

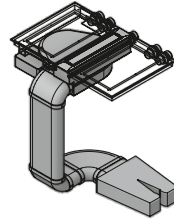
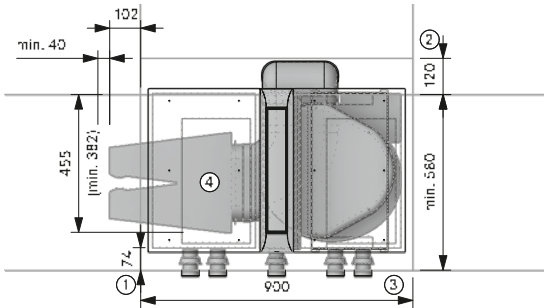
# Model plans

BORA Professional 3.0

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

## PKAS3 – recirculation model for kitchen islands

MP\_6108 – with ULBF air cleaning box in plinth



### Planning instructions

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

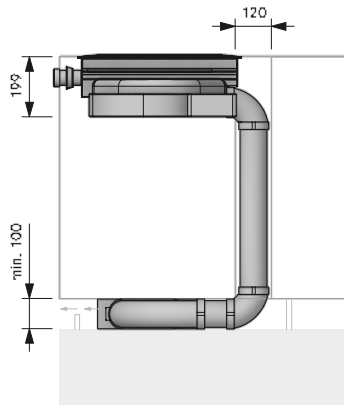
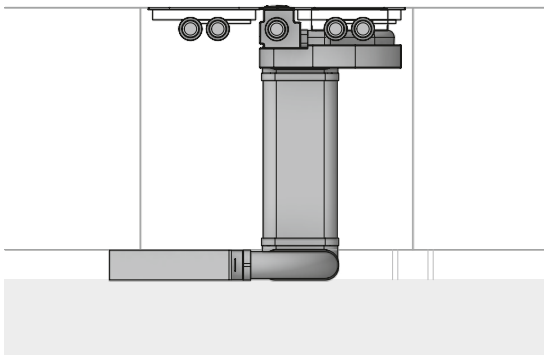
### BORA product

- 1 PKAS3 Pro Cooktop extractor system with integrated fan
- 1 ULBF Air cleaning box, flexible

### BORA Ecotube product

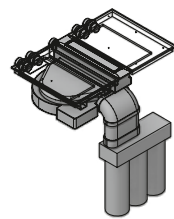
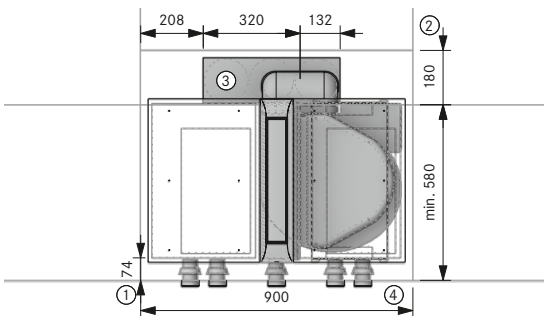
- 1 EFBH90/1 90° bend, shallow horizontal
- 2 EFBV90/1 90° bend, shallow vertical
- 1 EF750/1 shallow duct 750 mm

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



## PKAS3 – recirculation model for kitchen islands

MP\_6159 – with ULB3 air cleaning box, hanging down



### Planning instructions

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

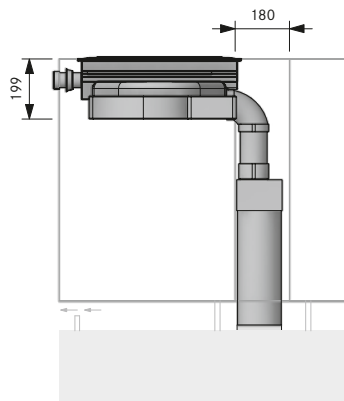
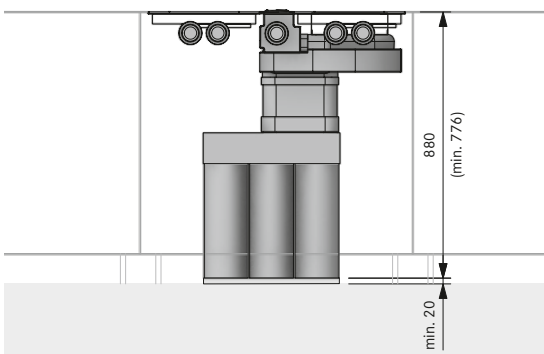
### BORA product

- 1 PKAS3 Pro Cooktop extractor system with integrated fan
- 1 ULB3X air cleaning box 3

### BORA Ecotube product

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

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



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



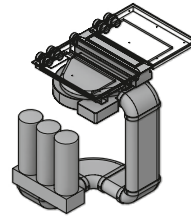
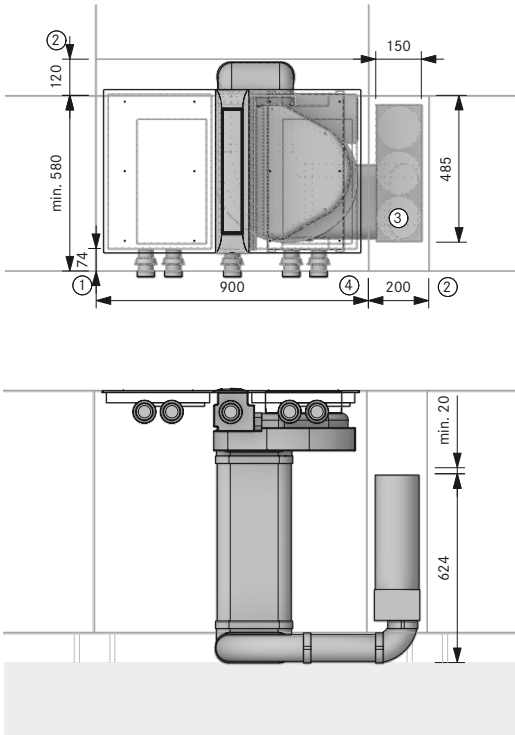
# Model plans

BORA Professional 3.0

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

## PKAS3 – recirculation model for kitchen islands

MP\_6425 – with ULB3X air cleaning box, standing to the side



### Planning instructions

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

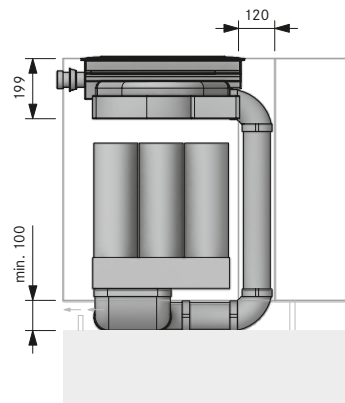
### BORA product

- 1 PKAS3 Pro cooktop extractor system with integrated fan
- 1 ULB3X air cleaning box 3

### BORA Ecotube product

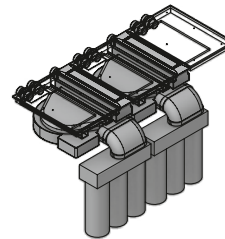
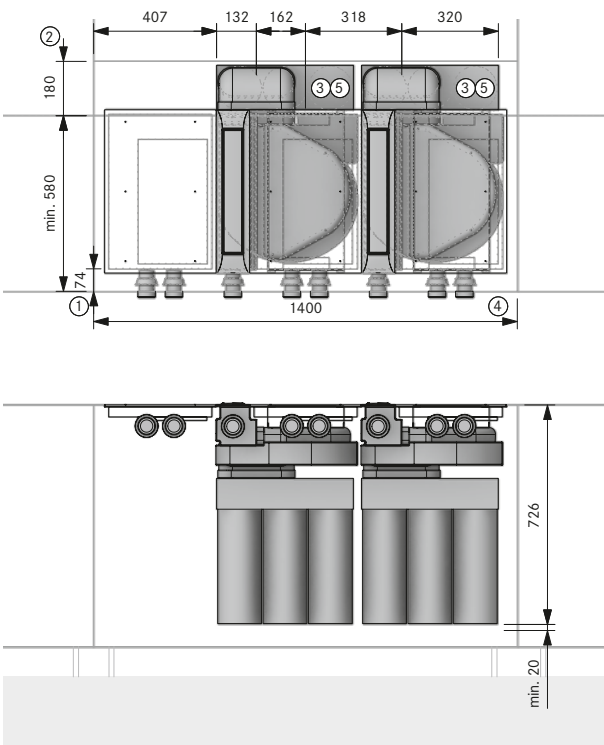
- 3 EFBV90/1 90° bend, shallow horizontal
- 1 EFBH90/1 90° bend, shallow horizontal
- 2 EF750/1 shallow duct 750 mm

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



## PKAS3 – double recirculation model for kitchen islands

MP\_6134 – with ULB3X air cleaning box, hanging



### Planning instructions

- ① At least 74 mm from front edge to cut-out
- ② Space requirements for technology
- ③ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters. Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm<sup>2</sup> free outflow area
- ④ Unobstructed return flow aperture at least 500 cm<sup>2</sup> per air cleaning box (at least 1000 cm<sup>2</sup> in the case of gas cooktops)
- ⑤ Ensure that the structure is stable when fitting ULB3X in a hanging position (min. load-bearing capacity 5,1 kg)

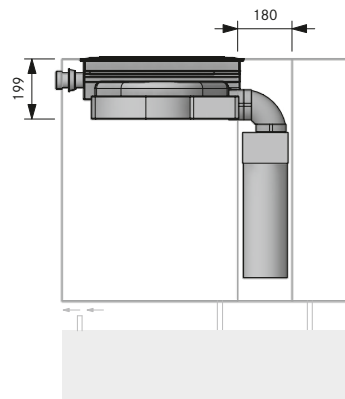
### BORA product

- 2 PKAS3 Pro cooktop extractor system with integrated fan
- 2 ULB3X air cleaning box 3

### BORA Ecotube product

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

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



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

# 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**

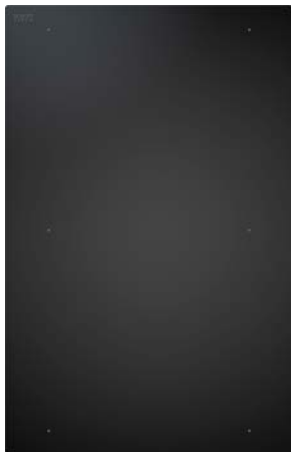
Thanks to the central operating panel by the extractor, no space is taken up by controls on the cooktop and there is room to cook with 4 pots measuring up to 24cm at the same time.

### **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.



**CKFI**  
BORA Classic surface  
induction cooktop



**CKI**  
BORA Classic induction  
cooktop



**CKIW**  
BORA Classic induction wok  
cooktop



**CKCH**  
BORA Classic Hyper cooktop  
1-ring/2-ring



**CKCB**  
BORA Classic HiLight cooktop  
1-ring/2-ring/roaster



**CKG**  
BORA Classic gas cooktop



**CKT**  
BORA Classic Tepan stainless  
steel grill with 2 cooking zones



**CER**  
BORA Classic inlay-frame



**CKA2**  
BORA Classic cooktop extractor



**CKA2AB**  
BORA Classic cooktop extractor All Black



**USL5 15**  
BORA side frame for cooktop  
depth 515mm

**USL5 15AB**  
BORA side frame for cooktop  
depth 515mm All Black

# BORA Classic 2.0 sets

BORA Classic 2.0 cooktops as a set combination

BORA CLASSIC 2.0



## CKA2FI

BORA Classic 2.0 Set surface induction  
(1xCKA2, 2xCKFI, 1xUESDFSL)



## CKA2FIAB

BORA Classic 2.0 Set surface induction All Black  
(1xCKA2AB, 2xCKFI, 1xUESDFSL)



## CKA2HB

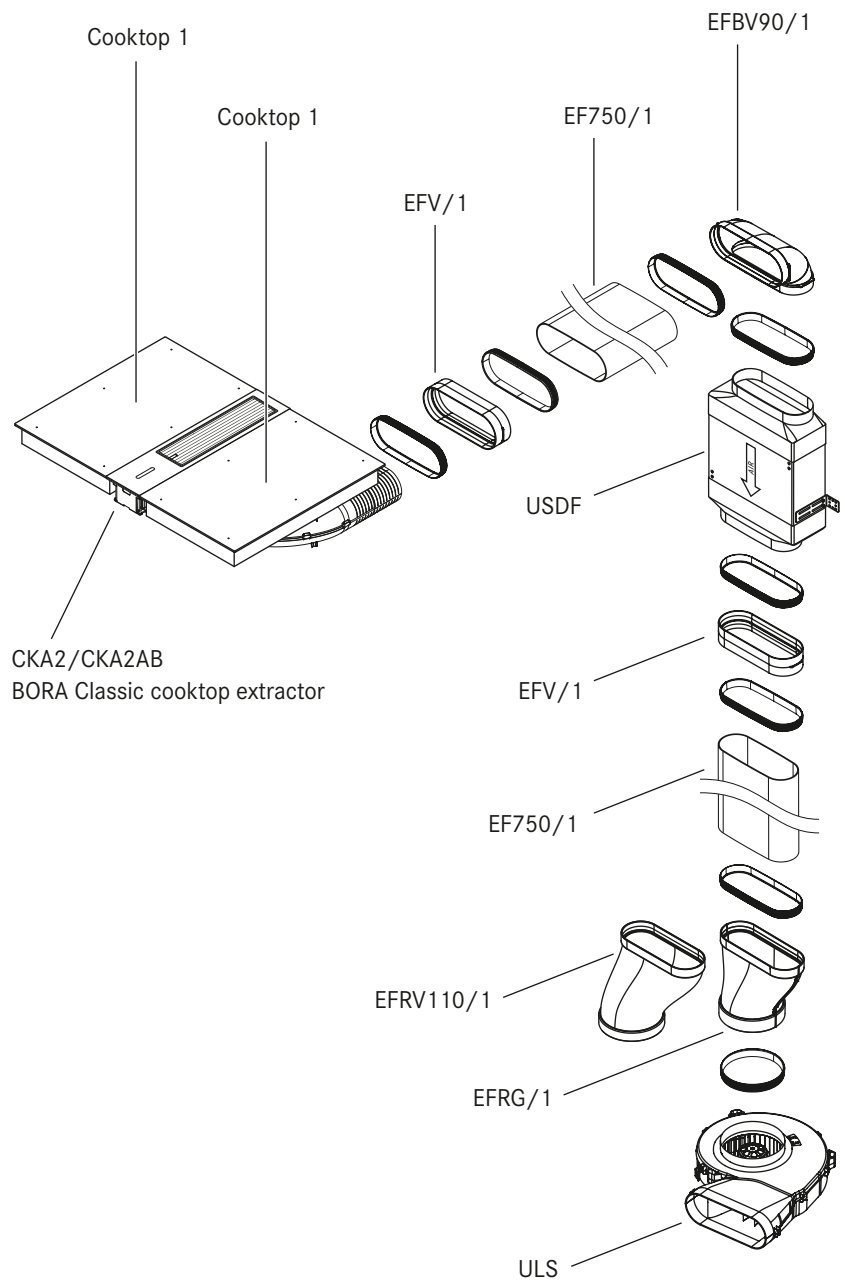
BORA Classic 2.0 Set Hyper roaster  
(1xCKA2, 1xCKCH, 1xCKCB, 1xUESDFSL)



## CKA2FIT

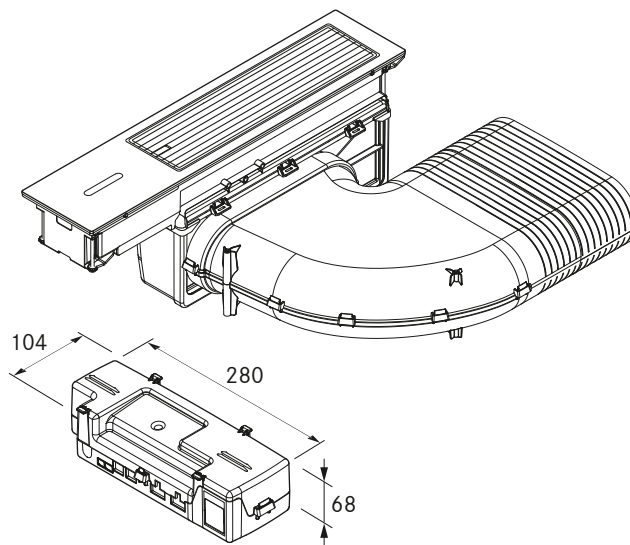
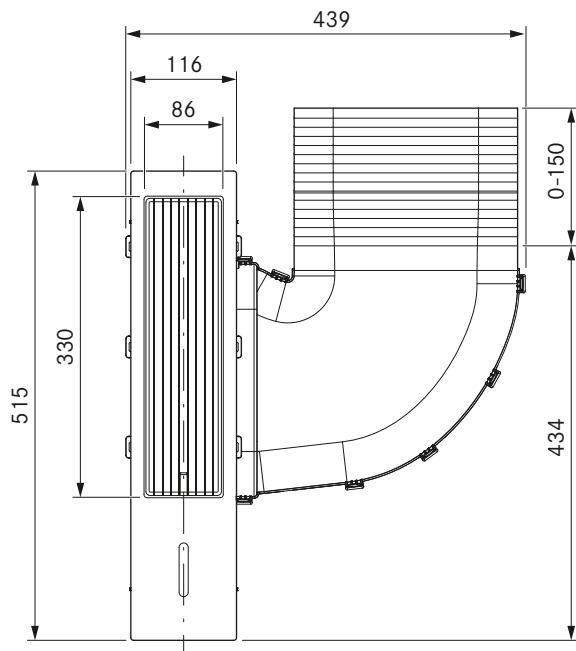
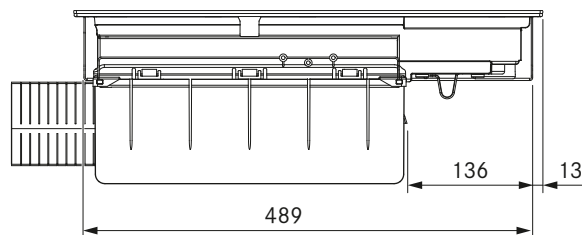
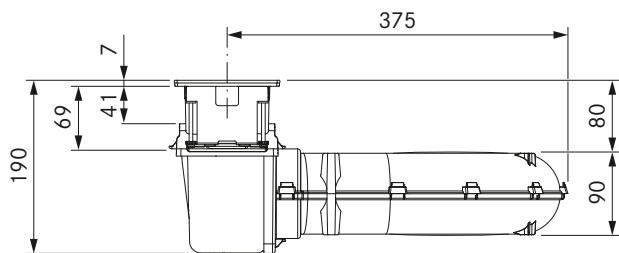
BORA Classic 2.0 Set surface induction Tepan  
(1xCKA2, 1xCKFI, 1xCKT, 1xUESDFSL)

### Components:



# CKA2

BORA Classic cooktop extractor



## Technical data

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

## Product description

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

## Scope of delivery

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

## Accessories

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

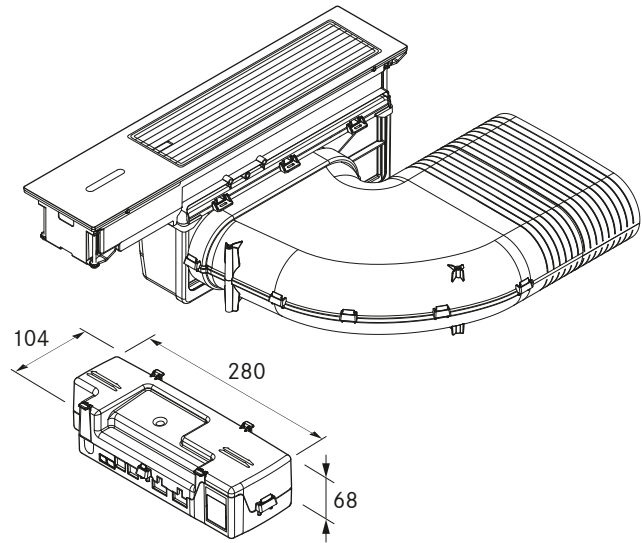
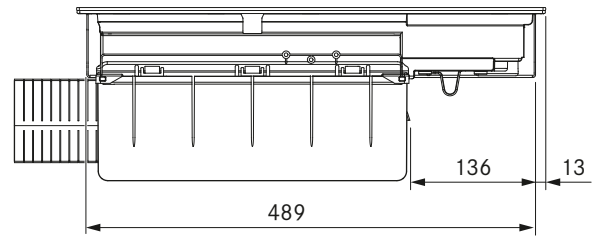
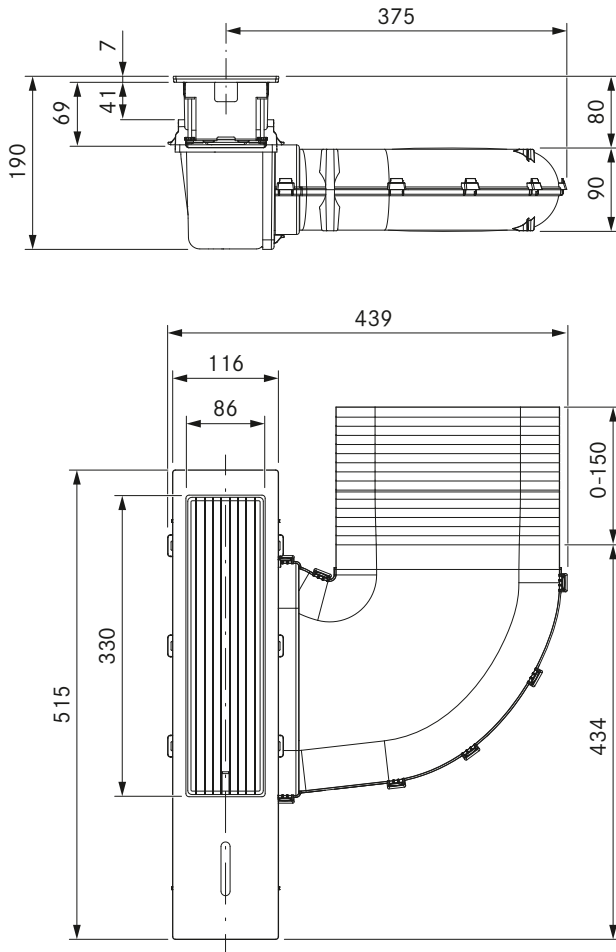
## product- and planning instructions

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

# CKA2AB

BORA Classic cooktop extractor All Black

BORA CLASSIC 2.0



## Technical data

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

## Product description

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

## Scope of delivery

- BORA Classic cooktop extractor All Black CKA2AB
- BORA Classic air inlet nozzle CKAEDAB
- BORA Classic grease filter unit incl. grease filter tray CKAFFE
- BORA Classic control unit
- height adjustment plate set
- Communication cable CAT 5 (3 m)
- Country-specific power supply cable (1 m)
- Ferrite sleeve
- Installation instruction Classic 2.0
- Instruction manual Classic 2.0

## Accessories

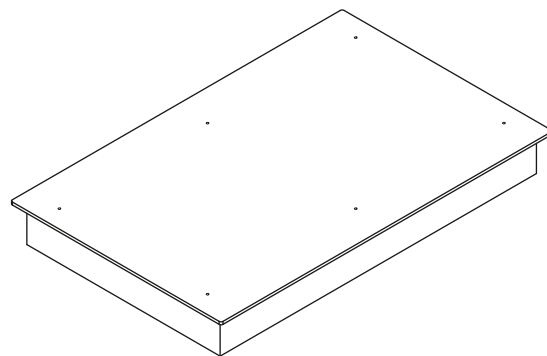
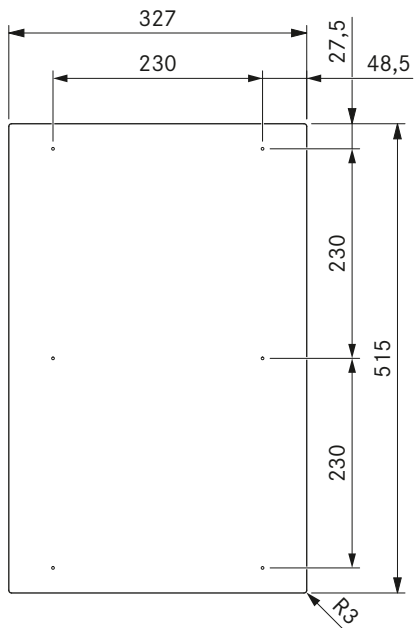
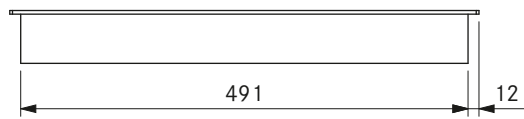
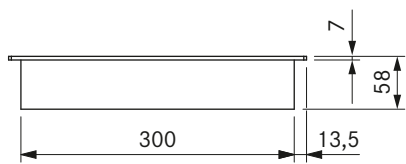
- BORA Classic air inlet nozzle CKAEDAB
- BORA Classic grease filter unit incl. grease filter tray CKAFFE
- BORA Classic inlay-frame CER

## product- and planning instructions

- The cooktop extractor CKA2AB 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 CKA2AB.
- Can be combined with all BORA Classic 2.0 cooktops
- The worktop height and depth can be flexibly adjusted
- Installation type: flush or surface-mounted
- Possible exhaust ducting to the right and to the left
- Fan can be positioned in the plinth area as a result of the low installation height (100 mm) (when using the ULS plinth fan only)
- The Classic 2.0 control unit as a central connection point can be simply and compactly positioned in the plinth area
- Connection between touch control and the Classic 2.0 control unit via a CAT 5 communication cable
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes
- The BORA Ecotube duct system is optimally tailored to the BORA cooktop extractors and guarantees 100% functionality and optimum performance
- Use of an additional fan module is possible for very long or complex exhaust air channels
- The Classic 2.0 cooktop extractor system can be combined with all BORA sockets

# CKFI

BORA Classic surface induction cooktop



## Technical data

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

## Product description

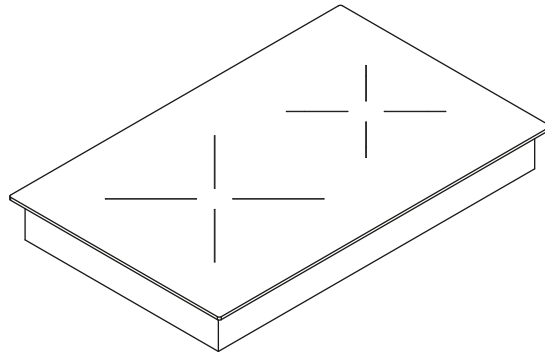
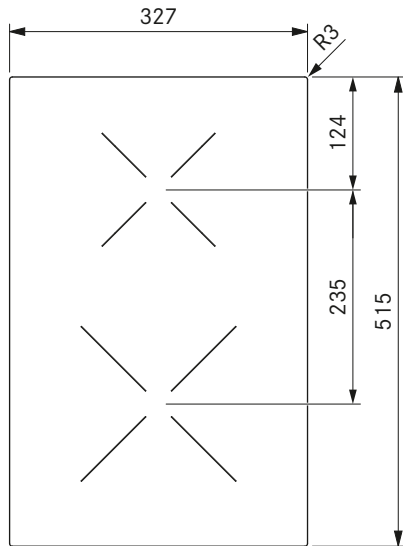
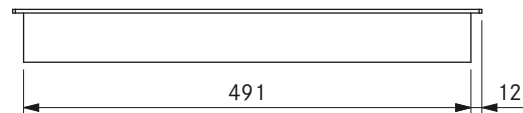
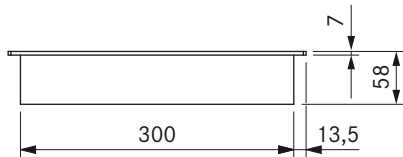
- Oversized surface induction cooking zones
- Variable heat retention function
- Childproofing feature
- bridging function
- Cooking zone timers
- Timer
- Pause function
- Minimalistic design
- Demo mode
- automatic heat up function

## Scope of delivery

- Surface induction cooktop CKFI
- mounting straps
- height adjustment plate set

## product- and planning instructions

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



### Technical data

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

### Product description

- Variable heat retention function
- Childproofing feature
- Cooking zone timers
- Timer
- Pause function
- automatic heat up function
- pan size recognition
- residual heat display
- Compact size
- Demo mode

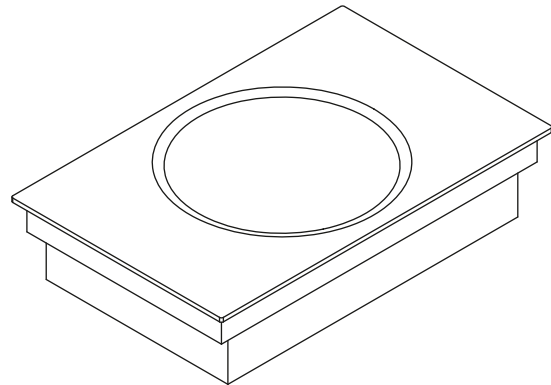
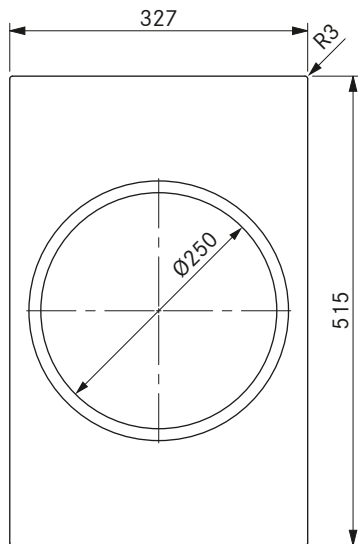
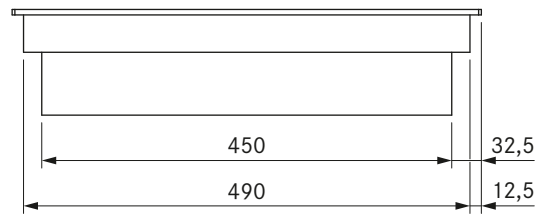
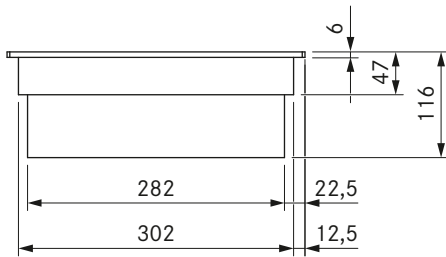
### Scope of delivery

- Induction cooktop CKI
- mounting straps
- height adjustment plate set

### product- and planning instructions

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





### Technical data

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

### Product description

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

### Scope of delivery

- Induction wok cooktop CKIW
- mounting straps
- height adjustment plate set

### Accessories

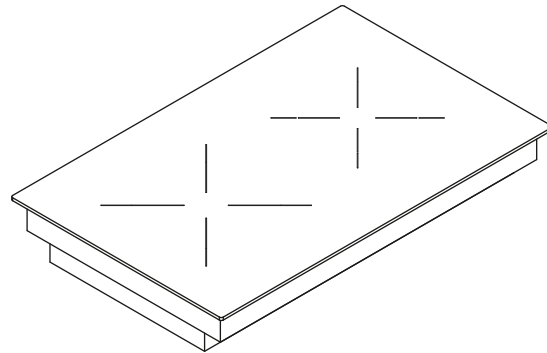
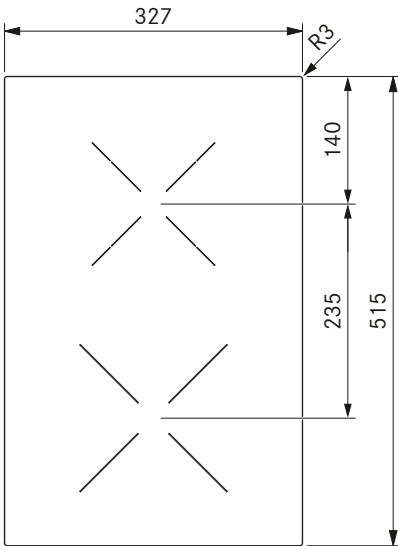
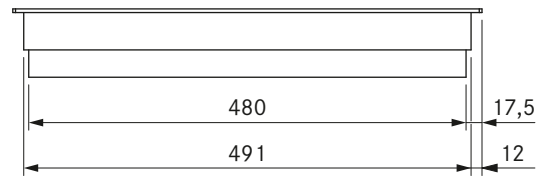
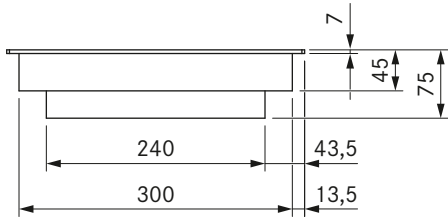
- HIW1 BORA induction wok

### product- and planning instructions

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

# CKCH

BORA Classic Hyper cooktop 1-ring/2-ring



## Technical data

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

## Product description

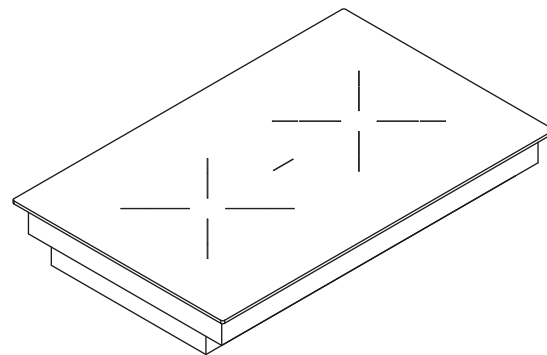
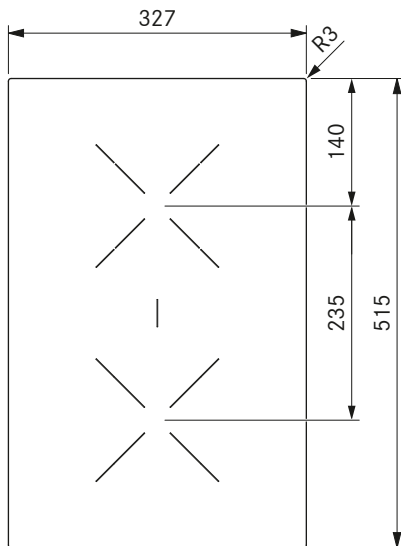
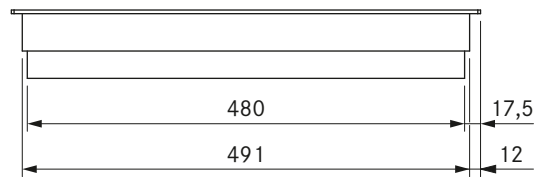
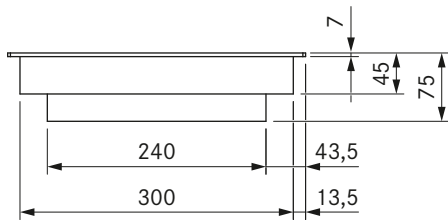
- Free choice of cooktop
- 2-ring switching
- Childproofing feature
- Cooking zone timers
- Timer
- Pause function
- Demo mode
- automatic heat up function
- Variable heat retention function
- residual heat display

## Scope of delivery

- Hyper cooktop CKCH
- mounting straps
- height adjustment plate set

## product- and planning instructions

- Ensure sufficient ventilation of the area below the cooktop.



## Technical data

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

## Product description

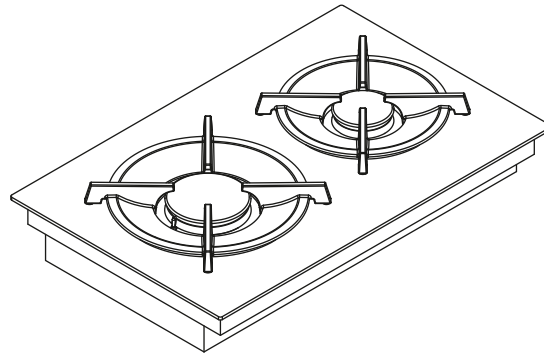
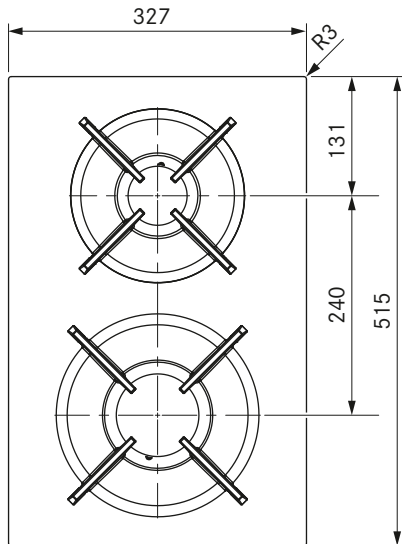
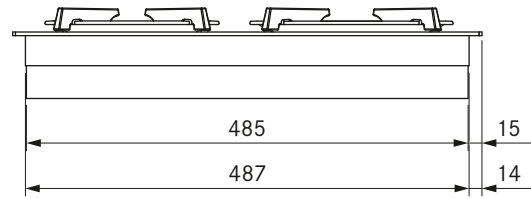
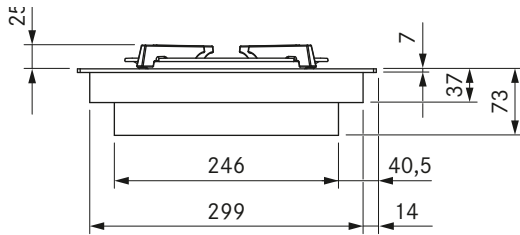
- Free choice of cooktop
- Oversized roaster
- Roaster switching
- 2-ring switching
- Childproofing feature
- Cooking zone timers
- Timer
- Pause function
- Demo mode
- automatic heat up function

## Scope of delivery

- HiLight cooktop CKCB
- mounting straps
- height adjustment plate set

## product- and planning instructions

- Ensure sufficient ventilation of the area below the cooktop.



### Technical data

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

### Product description

- Compact size
- Minimalistic design
- Modular system
- Sunken gas burners
- Variable heat retention function
- Automatic reignition
- Dishwasher-safe pan supports
- automatic heat up function
- low pan support height
- Demo mode

### Scope of delivery

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

### Accessories

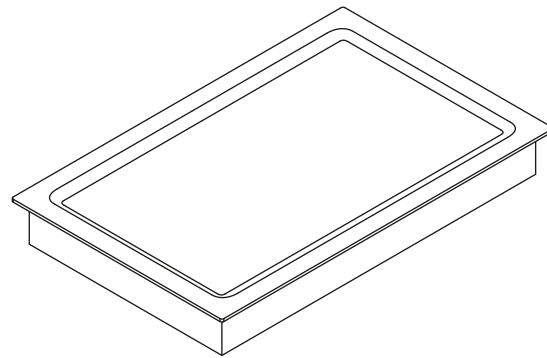
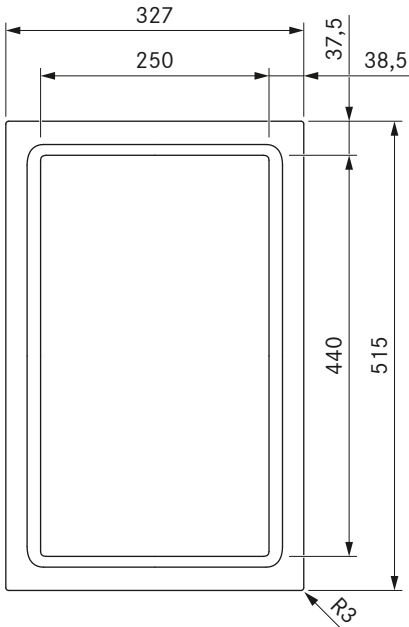
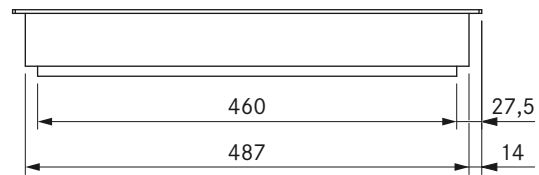
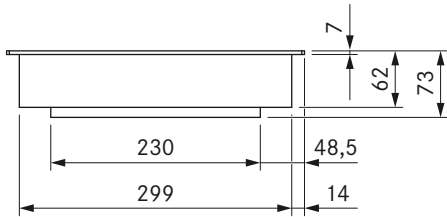
- BORA gas nozzle set natural gas G20/10 mbar PKGDS2010
- BORA gas nozzle set natural gas G20/13 mbar PKGDS2013
- BORA gas nozzle set natural gas G20/20 mbar PKGDS2020
- BORA gas nozzle set natural gas G25/20 mbar PKGDS2520
- BORA gas nozzle set natural gas G20/25 mbar PKGDS2025
- BORA gas nozzle set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

### product- and planning instructions

- Ensure sufficient air supply below the gas cooktop. Either over the front of the body (opening cross-section > 50 cm<sup>2</sup>) or over the plinth area (opening cross-section > 150 cm<sup>2</sup>)
- Provide a return flow aperture (opening cross-section > 1000 cm<sup>2</sup> per air cleaning unit) for recirculation in the plinth area
- Please note the local regulations and connection requirements applicable to gas cooktops
- Please take into account the special guidelines regarding the assembly and use of gas cooktop CKG (see operating and installation instructions)
- When operating a gas cooktop with a cooktop extractor, the gas flame can be affected (depending on the height of the power level on the cooktop extractor)
- The performance characteristics of the gas cooktop (e.g. heating times, efficiency, etc.) are affected by the cooktop extractor. The cooktop extractor also affects the heat input and distribution
- If the gas cooktop is used in a model with two cooktop extractors, it is to be installed at the side
- Minimum requirement for operating gas cooktop CKG: System software 03.00 (or higher)

# CKT

BORA Classic Tepan stainless steel grill with 2 cooking zones



## Technical data

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

## Product description

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

## Scope of delivery

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

## Accessories

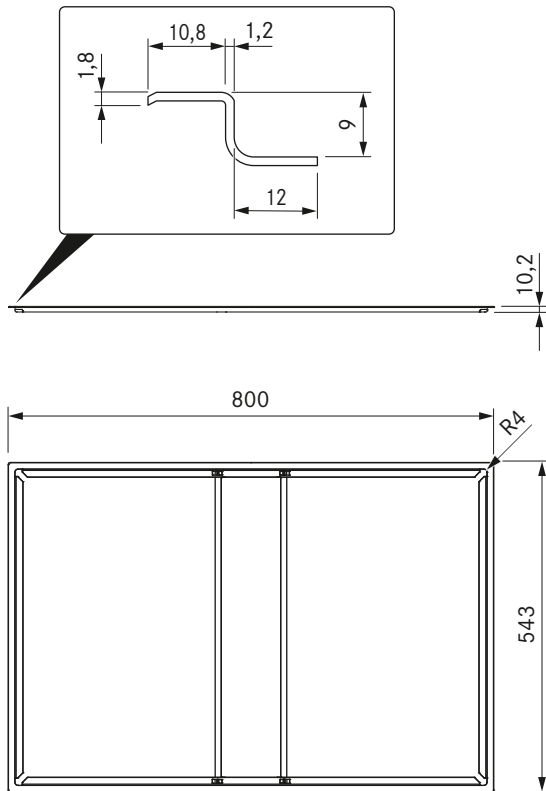
- PTTS1 Tepan scraper

## product- and planning instructions

- Ensure sufficient ventilation of the area below the cooktop.

# CER

BORA Classic inlay-frame



### Technical data

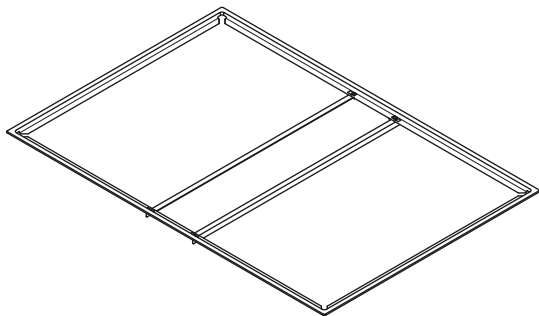
Dimensions (width x depth x height)	800 x 543 x 10,2 mm
Material thickness	1,2 mm
Material	Brushed stainless steel

### Product description

- Semi-flush installation
- matching accessories

### product- and planning instructions

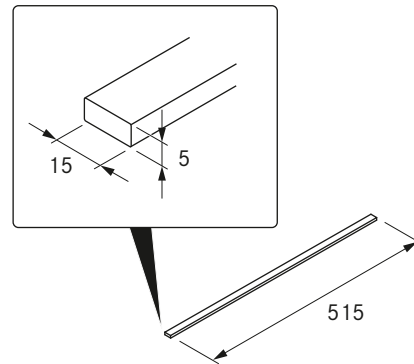
- Worktop depth:  $\geq 625$  mm



# USL515 / USL515AB

BORA side frame for cooktop depth 515mm

BORA side frame for cooktop depth 515mm All Black



### Technical data

Dimensions (width x depth x height)	15 x 515 x 5 mm
Material	Brushed stainless steel
Glue setting time	24 h

### Product description

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

### Scope of delivery

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

# Energy labelling

BORA Classic cooktop extractor CKA2/CKA2AB

Product information according to delegated regulation (EU) no. 65/2014 and regulation (EU) no. 66/2014.

Manufacturer Model identification	BORA CKA2/CKA2AB		
	Symbol	Value	Unit
<b>Energy consumption</b>			
Annual energy consumption	$AEC_{hood}$	28,0	kWh/a
Energy efficiency class	-	A+	-
Energy efficiency index	$EEl_{hood}$	37,0	-
<b>Flow volume</b>			
Fluid dynamic efficiency	$FDE_{hood}$	36,3	-
Fluid dynamic efficiency class	-	A	-
Minimum air flow in normal use	-	239	m <sup>3</sup> /h
Maximum air flow in normal use	-	559	m <sup>3</sup> /h
Maximum air flow on intensive or boost setting (power setting)	$Q_{max}$	591	m <sup>3</sup> /h
Measured air flow rate at best efficiency point	$Q_{BEP}$	282,3	m <sup>3</sup> /h
Measured air pressure at best efficiency point	$P_{BEP}$	508	Pa
Measured electric power input at best efficiency point	$W_{BEP}$	109,7	W
Time increase factor	f	0,7	-
<b>Lighting</b>			
Lighting efficiency	$LE_{hood}$	*	lx/W
Lighting efficiency class	-	*	-
Nominal power of the lighting system	$W_L$	*	W
Average illumination of the lighting system on the cooking surface	$E_{middle}$	*	lx
<b>Grease filtering</b>			
Grease filtering efficiency	$GFE_{hood}$	97,7	%
Grease filtering efficiency class	-	A	-
<b>Noise</b>			
Airborne acoustical A-weighted sound power emissions at minimum speed available in normal use	-	45	dB(A) re_1pW
Airborne acoustical A-weighted sound power emissions at maximum speed available in normal use	-	65	dB(A) re_1pW
Airborne acoustical A-weighted sound power emissions on intensive or boost setting (power setting)	-	66	dB(A) re_1pW
Sound pressure level at minimum speed available in normal use**	-	32	LpA in dB re 20 µPa
Sound pressure level at maximum speed available in normal use**	-	52	LpA in dB re 20 µPa
Sound pressure level on intensive or boost setting (power setting)**	-	53	LpA in dB re 20 µPa
<b>Power consumption</b>			
Power consumption in off mode	$P_o$	0,25	W
Power consumption in standby mode	$P_s$	*	W

\* Not applicable to this product.

\*\* Voluntary information

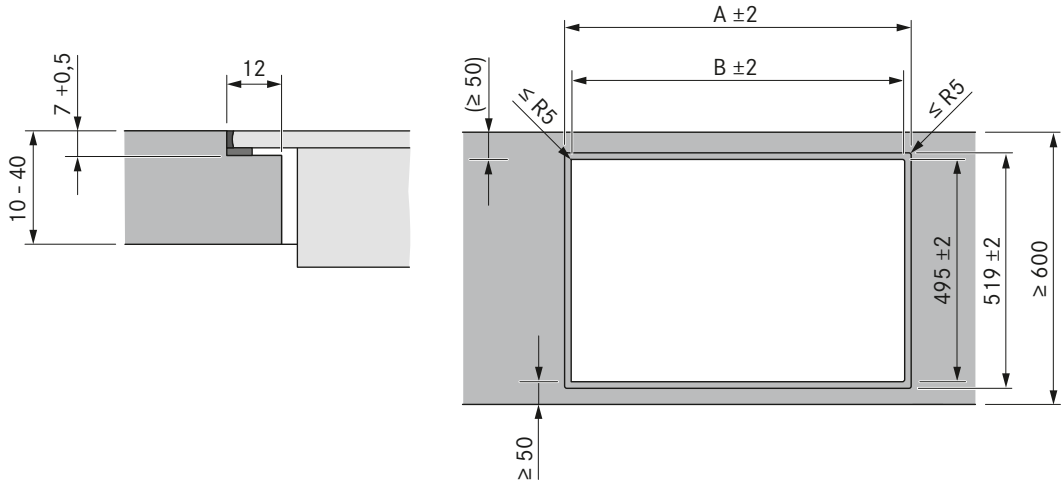
The sound pressure level has been determined from a distance of 1 m (distance-dependent level recording) on the basis of the sound power level established in EN 60704-2-13.

# Cut-out dimensions

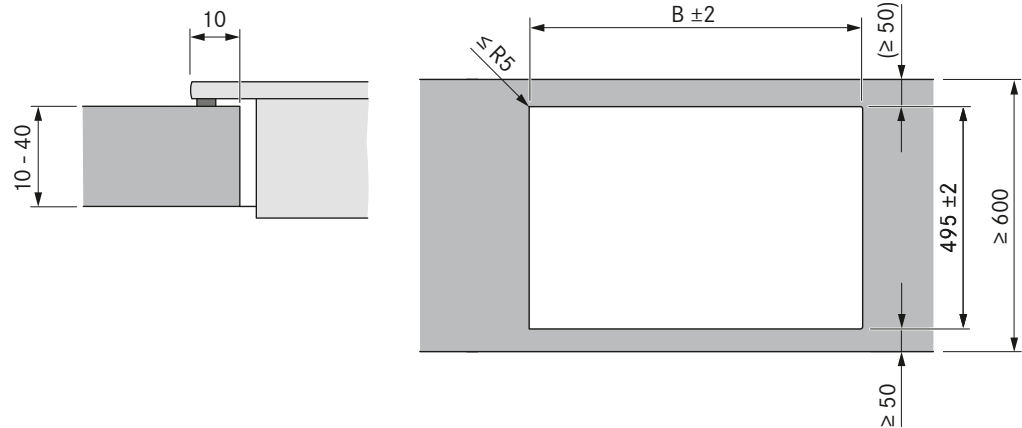
BORA Classic 2.0

BORA CLASSIC 2.0

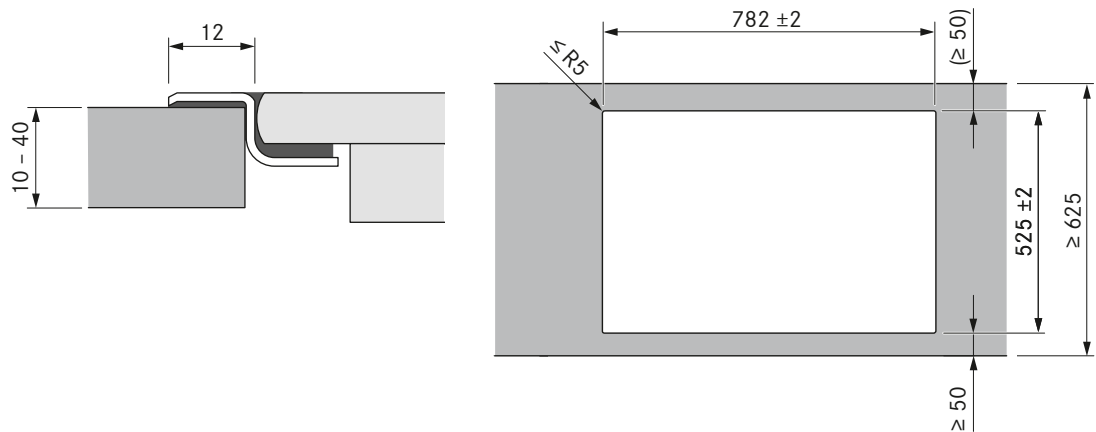
## Flush installation



## Surface mounting



## Installation with inlay frame



### 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

### Important planning instructions:

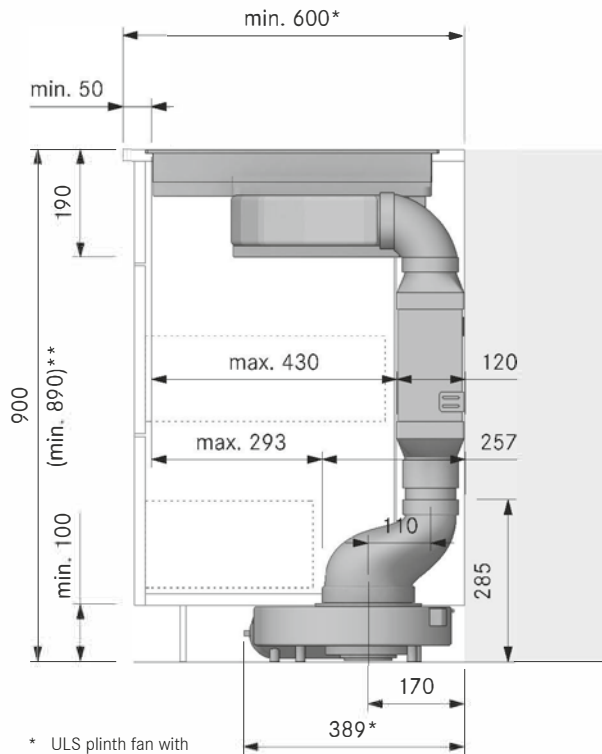
- The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA.
- Cut-out dimensions tolerance +/- 2 mm.
- Clearance of 1 mm should be planned between the built-in appliances.
- Clearance of 2 mm should be planned around the built-in appliances.
- 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).



# Installation cut-outs

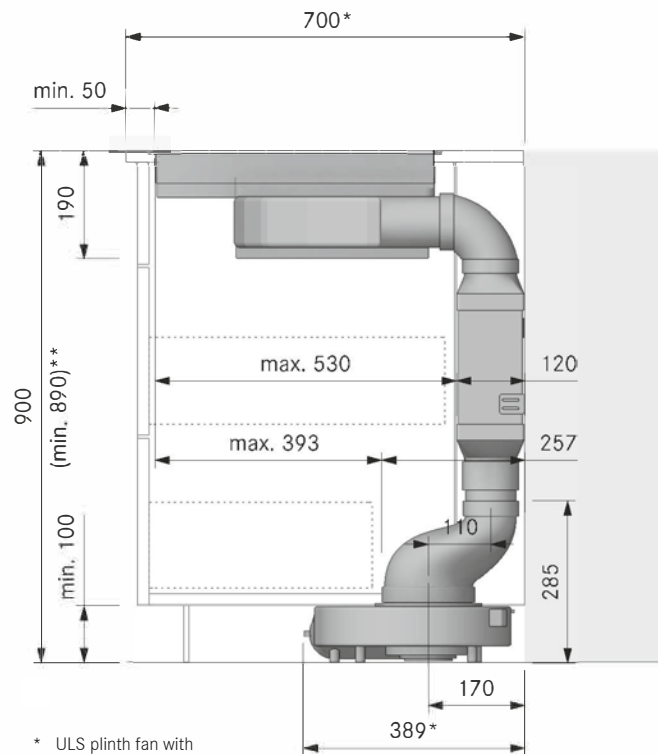
BORA Classic 2.0

**Installation cut-out CKA2 + USDF + EFV + EFRV110  
(kitchen counter 600):**



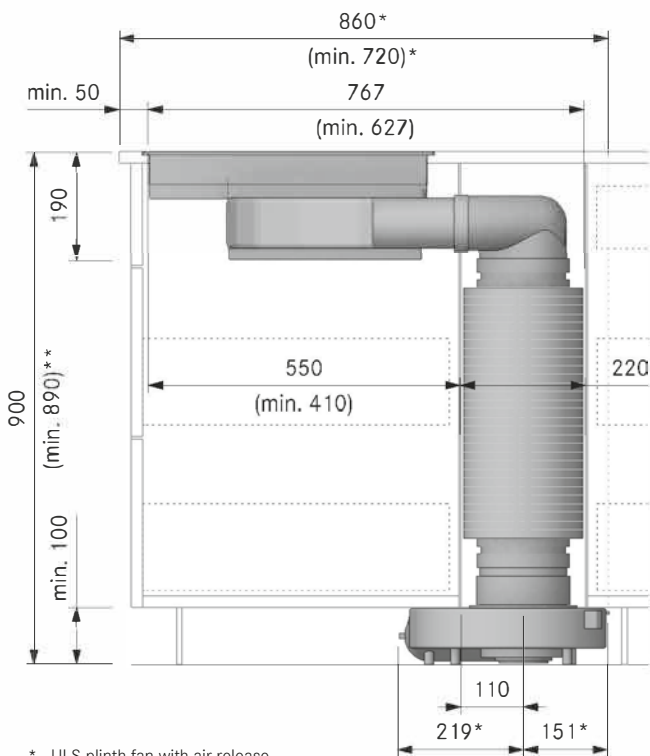
\* ULS plinth fan with air release to the left  
\*\* without duct connection EFV 840 mm

**Installation cut-out CKA2 + USDF + EFV + EFRV110  
(kitchen counter 700):**



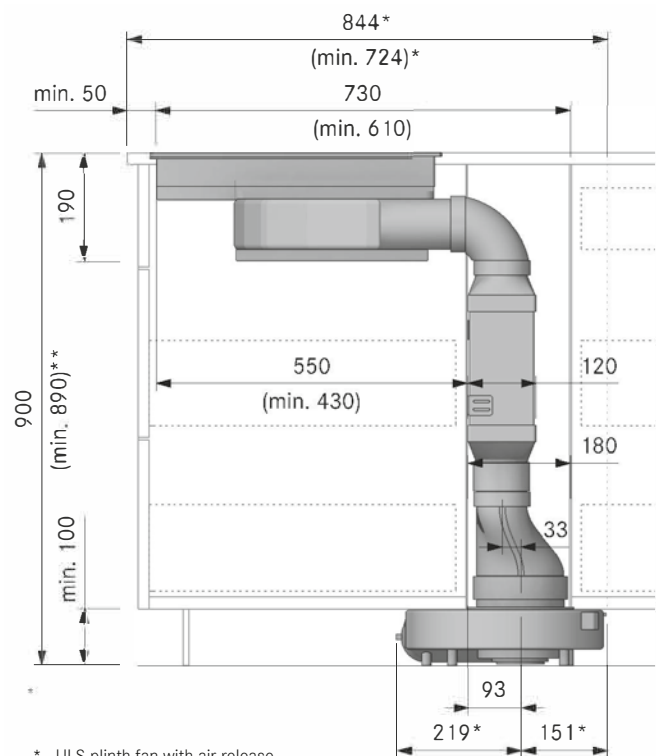
\* ULS plinth fan with air release to the left  
\*\* without duct connection EFV 840 mm

**Installation cut-out CKA2 + USDR50 + ERV  
(kitchen island):**



\* ULS plinth fan with air release to the left  
\*\* without duct connection ERV 840 mm - 890 mm

**Installation cut-out CKA2 + USDF + EFV + EFRG  
(kitchen island):**

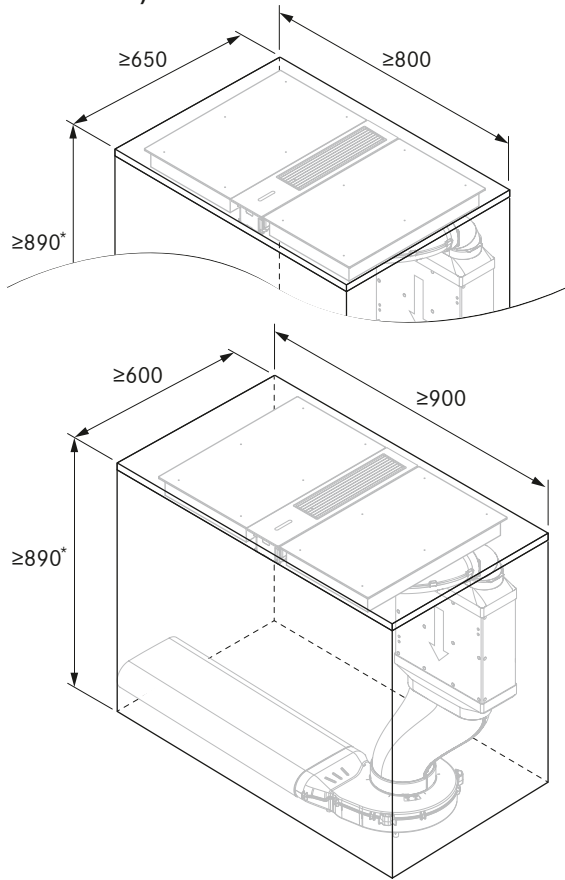


\* ULS plinth fan with air release to the left  
\*\* without duct connection EFV 840 mm

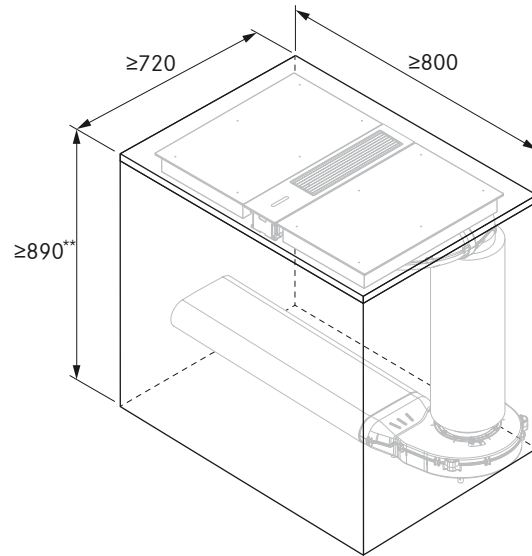
# Minimum dimensions for installation

BORA Classic 2.0

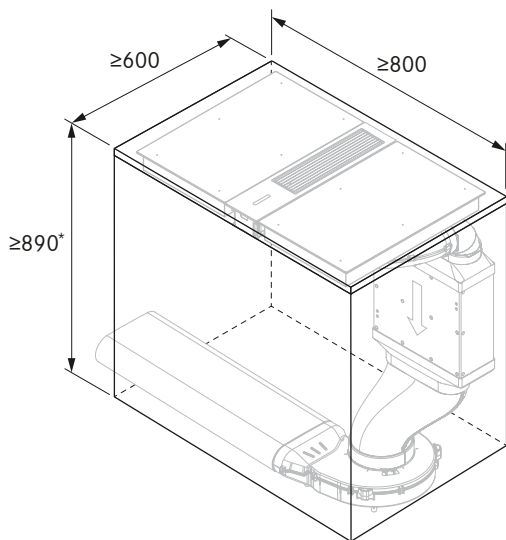
**Minimum dimensions for installation CKA2 + UESDFSL  
(Dimensions for convenience 800x650 mm and  
900x600 mm):**



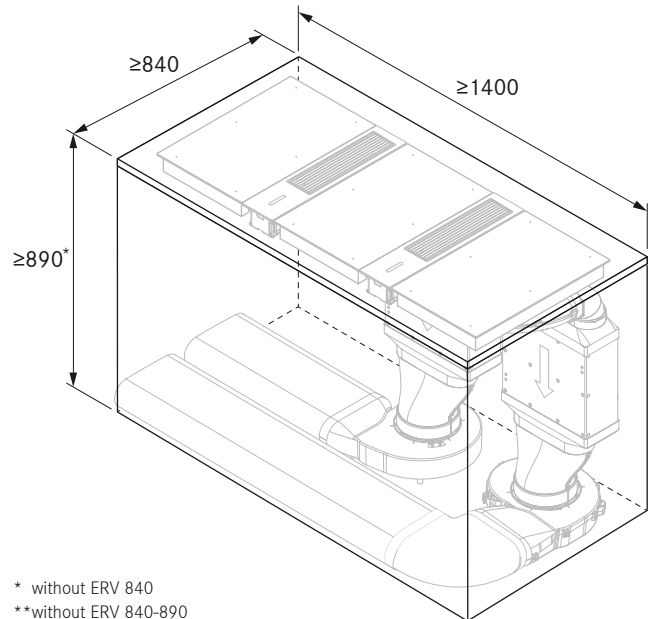
**Minimum dimensions for installation  
CKA2 + UESDRSL:**



**Minimum dimensions for installation  
CKA2 + UESDFSL (Special case):**



**Minimum dimensions for installation  
2 CKA2 + 2 UESDFSL:**



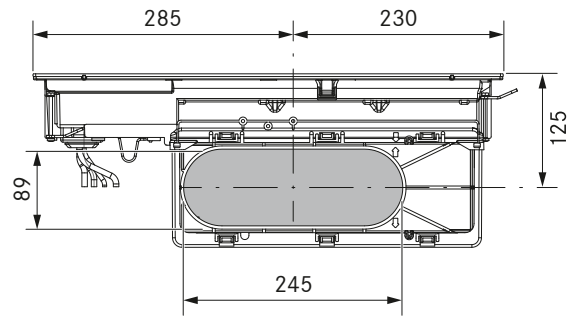
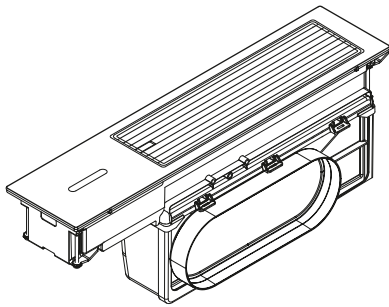
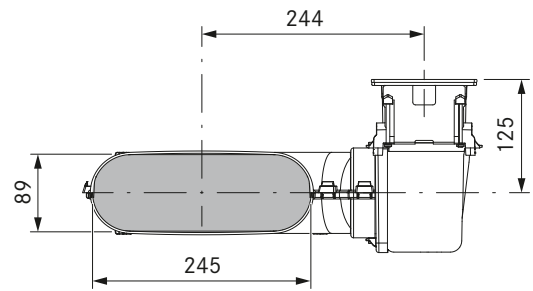
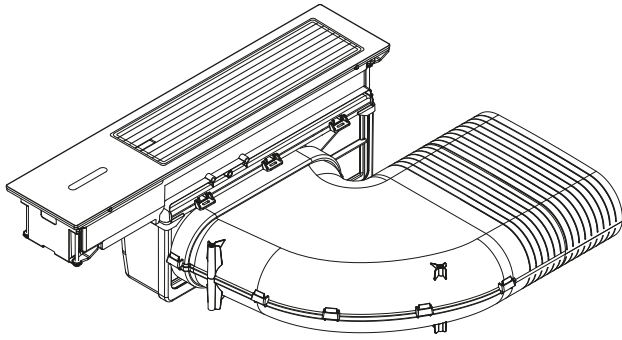
(Due to limited installation space, a special procedure must be adopted including pre-assembly.)

\* without ERV 840  
\*\*without ERV 840-890

# Duct connection dimensions

BORA Classic 2.0

CKA2/CKA2AB

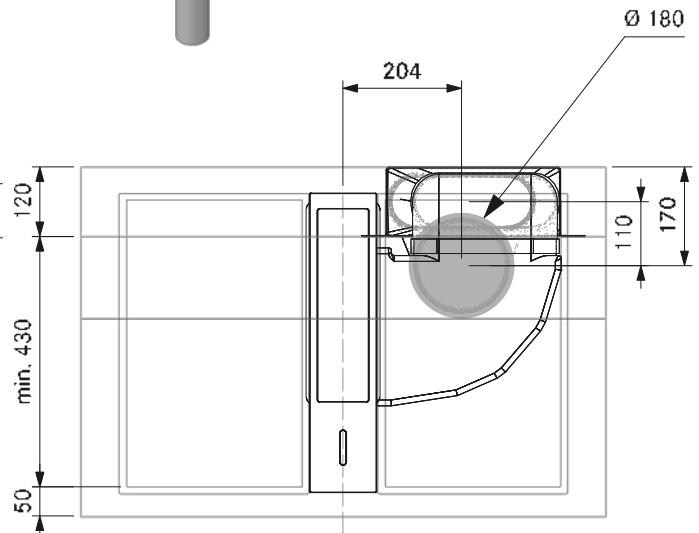
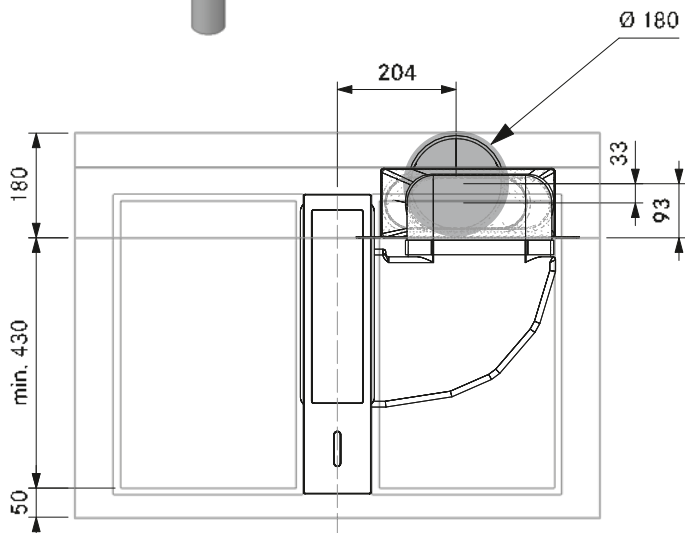
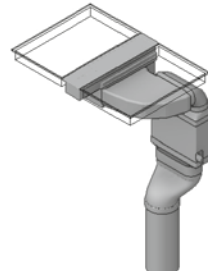
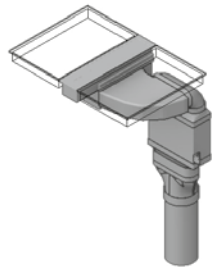


# Core bore holes

BORA Classic 2.0

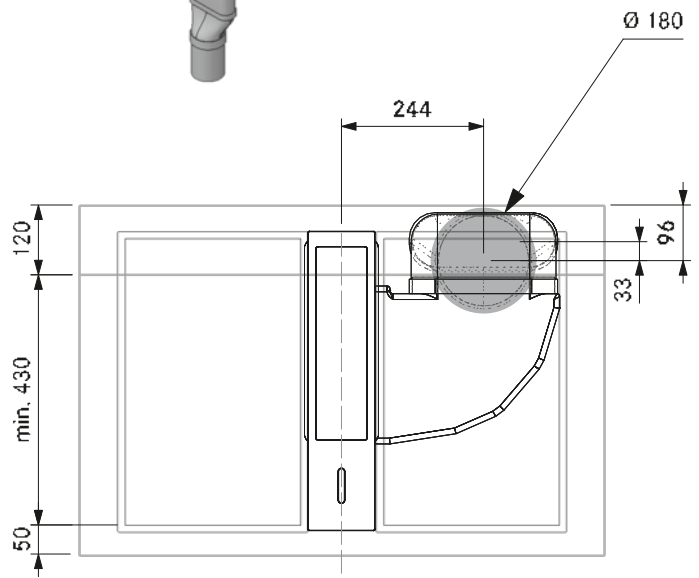
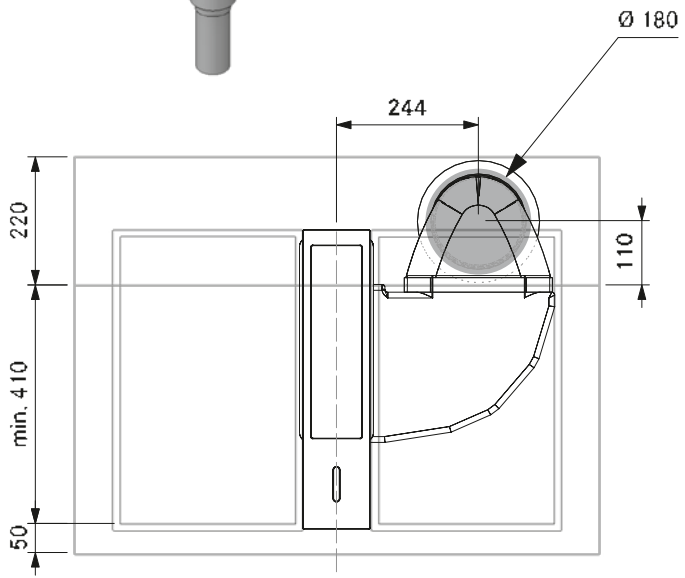
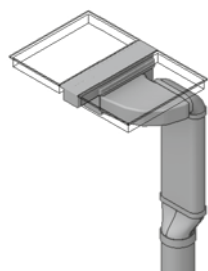
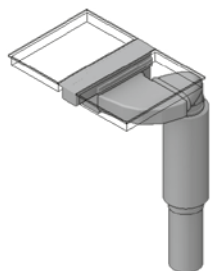
Minimum dimensions for core bore hole  
CKA2 + USDF + EFRG (kitchen island):

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



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

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

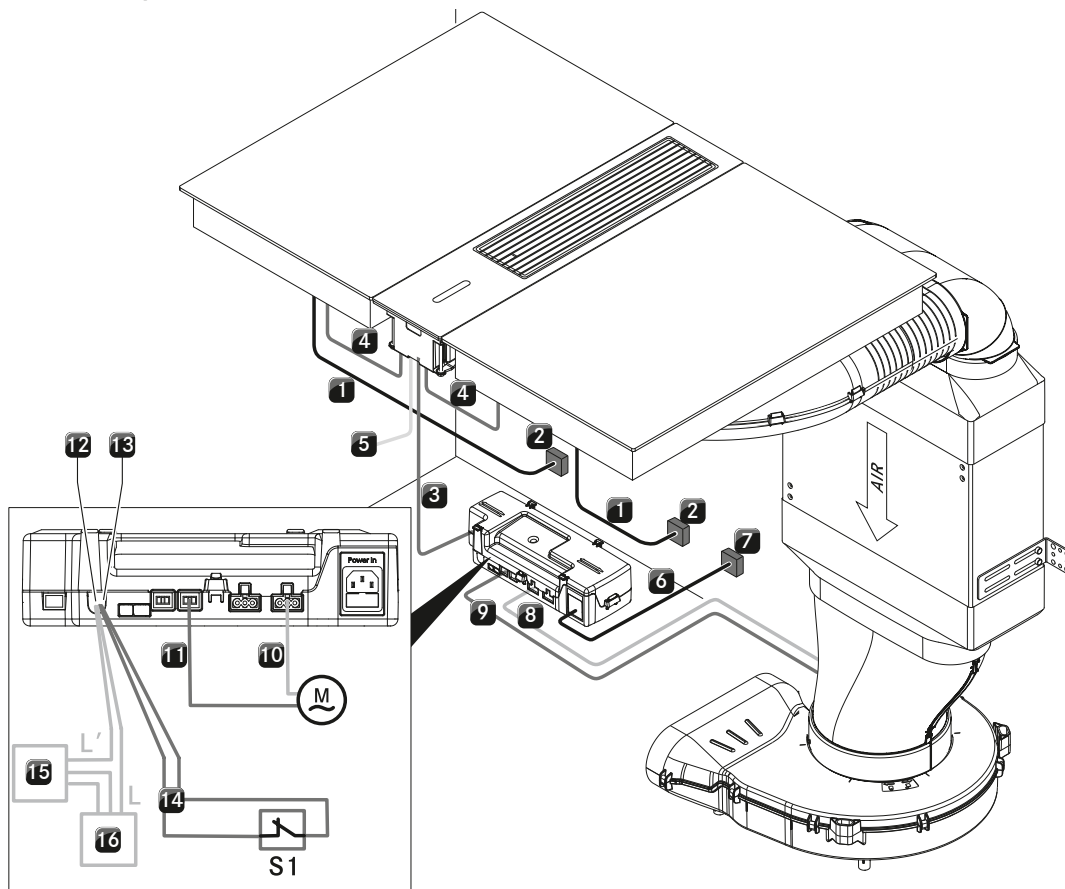


BORA CLASSIC 2.0

# Connection diagram

BORA Classic 2.0

## BORA Classic cooktop extractor CKA2



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

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

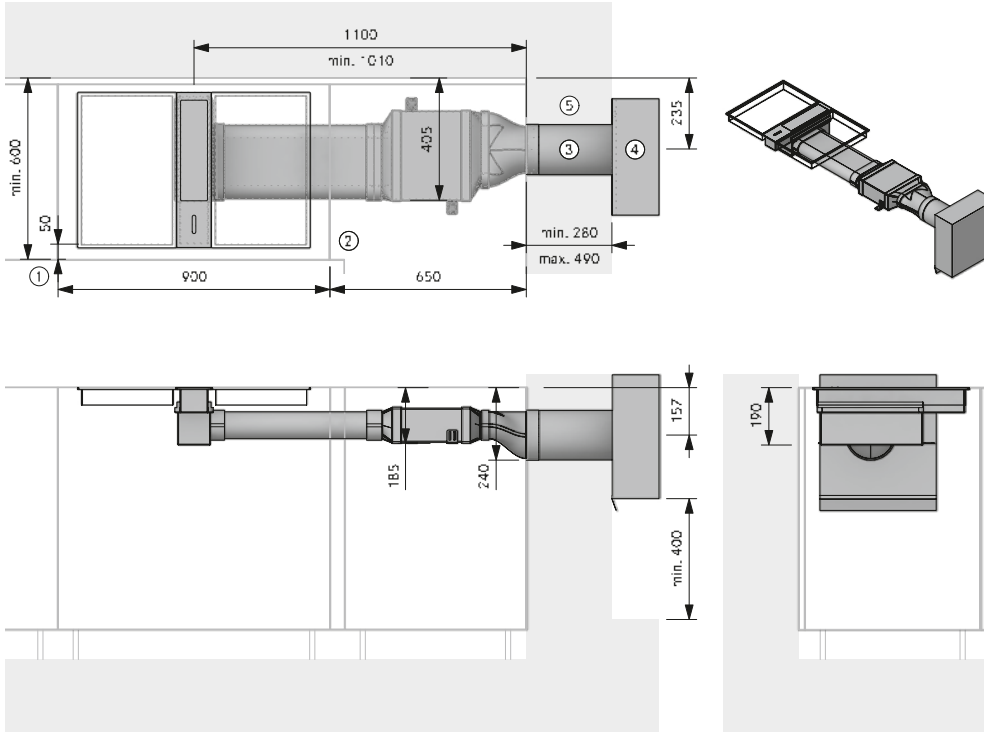
# Model plans

BORA Classic 2.0

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

## CKA2 – exhaust air model for kitchen units

MP\_5031 – with ULA external wall fan, USDF shallow silencer and air flow towards the right under the worktop



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Core bore hole at least  $\varnothing$  180 mm
- ④ Must be able to expel air downwards freely at least 400 mm
- ⑤ Empty  $\varnothing$  40 mm pipe for control line and mains cable

### BORA product

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

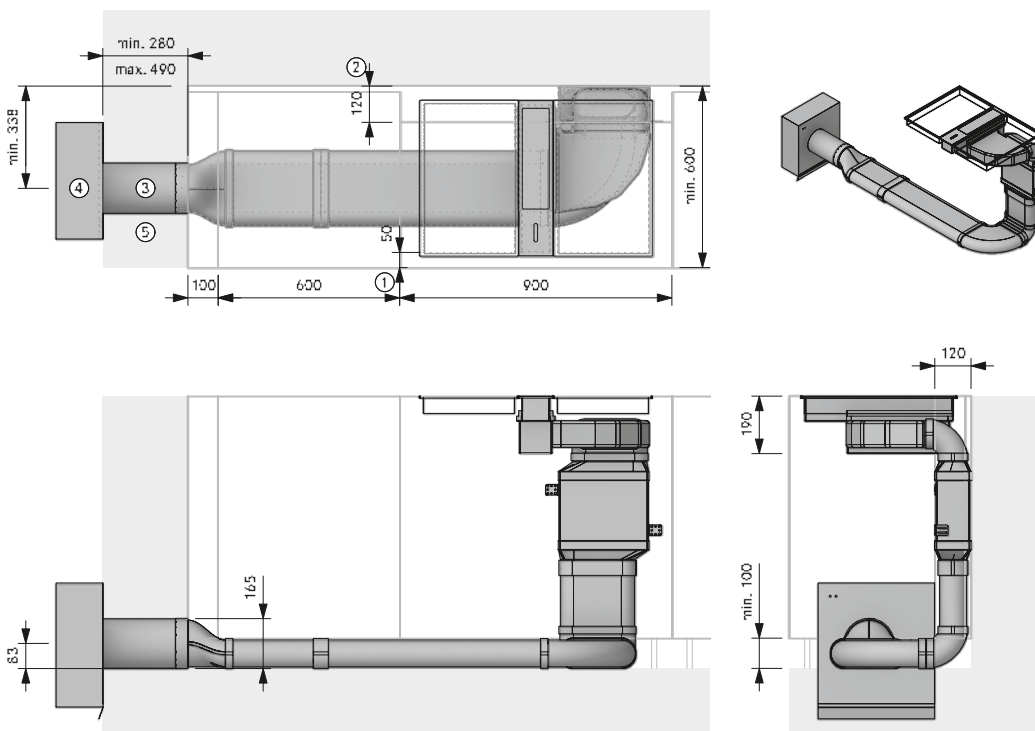
### BORA Ecotube product

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

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

## CKA2 – exhaust air model for kitchen units

MP\_5106 – with ULA external wall fan, USDF shallow silencer and airflow towards the left in the plinth



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Core bore hole at least  $\varnothing$  180 mm
- ④ Must be able to expel air downwards freely at least 400 mm
- ⑤ Empty  $\varnothing$  40 mm pipe for control line and mains cable

### BORA product

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

### BORA Ecotube product

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

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

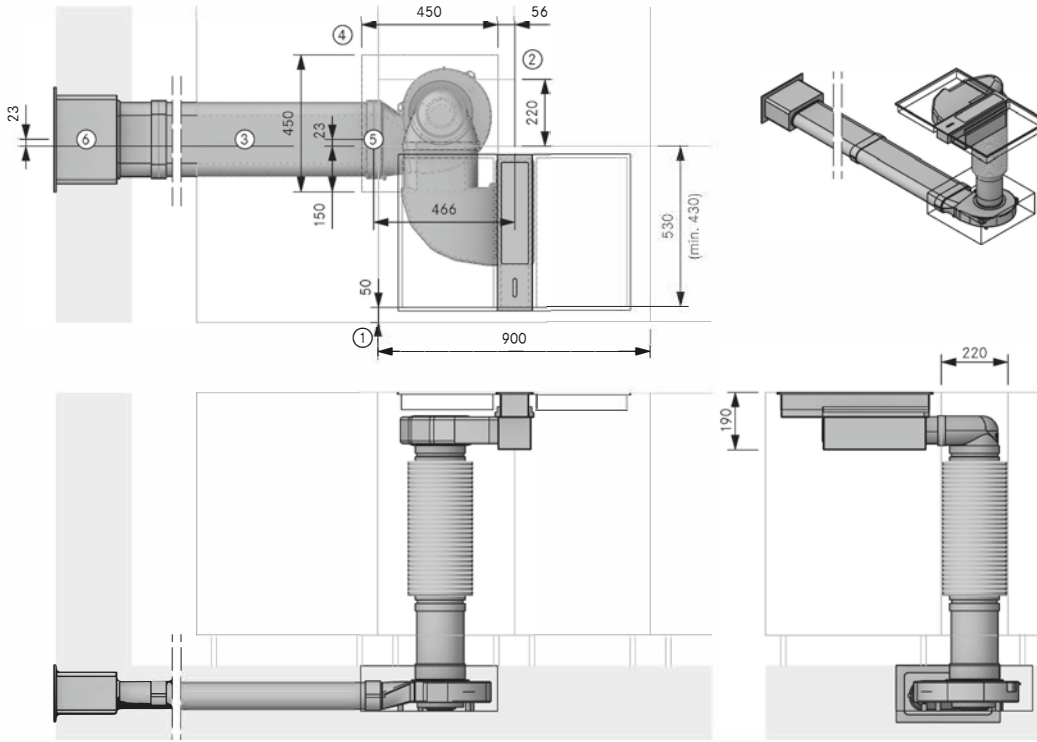
Installation may only be carried out in accordance with the applicable standards, regulations and laws.

# Model plans

BORA Classic 2.0

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

## CKA2 – exhaust air model for kitchen islands MP\_5272 – with ULS plinth fan, USDR50 round silencer and airflow towards the left in floor installation



### Planning instructions

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

### BORA product

- 1 CKA2 Classic cooktop extractor
- 1 UESDRSL universal Ecotube set with USDR50 and ULS

### BORA Ecotube product

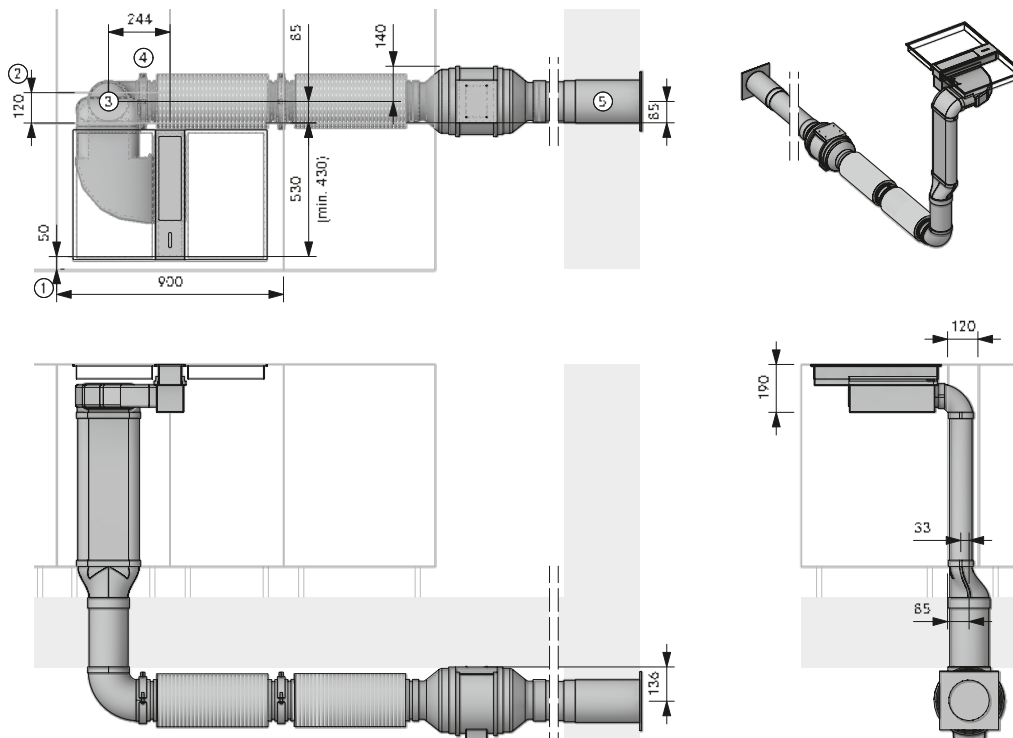
- 1 UEBF/1 3box wall sleeve

### BORA Ecotube product according to requirements

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

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

## CKA2 – exhaust air model for kitchen islands MP\_5392 – with ULI duct fan, 2x duct sound absorber USDR50 and airflow towards the right in the basement



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Core bore hole at least  $\varnothing$  180 mm
- ④ One mounting bracket set per Ecotube product with moulded coupling
- ⑤ Core bore hole at least  $\varnothing$  180 mm  
Must expel air in a straight line regardless of the weather conditions

### BORA product

- 1 CKA2 Classic cooktop extractor
- 1 ULI duct fan EC
- 2 USDR50 duct sound absorber 500 mm

### BORA Ecotube product

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

### BORA Ecotube product according to requirements

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

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

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

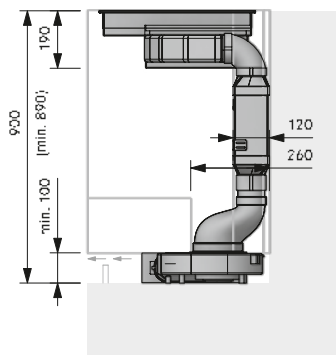
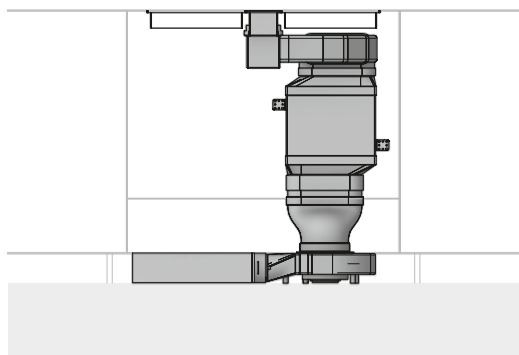
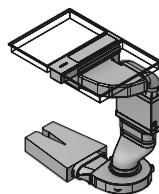
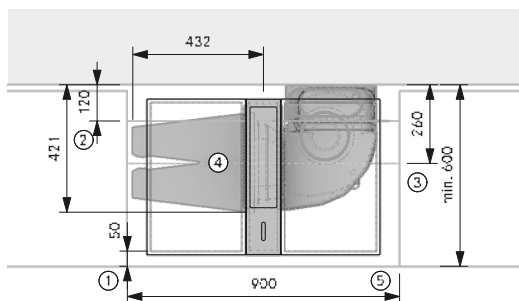
# Model plans

BORA Classic 2.0

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

## CKA2 – recirculation model for kitchen units

MP\_5800 – with ULS plinth fan, USDF shallow silencer and ULBF air cleaning box



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ The lowest outlet must be shortened
- ④ The air cleaning box must be accessible. Optimum filter performance thanks to the 500 mm shallow duct in front of the filter
- ⑤ Unobstructed return flow aperture at least 500 cm<sup>2</sup> per air cleaning box (at least 1000 cm<sup>2</sup> in the case of gas cooktops)

### BORA product

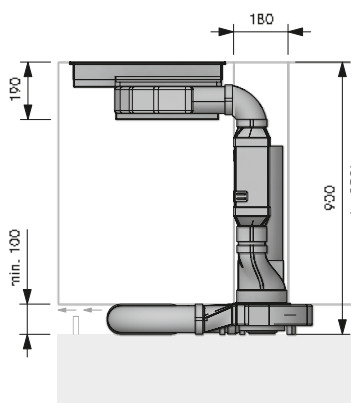
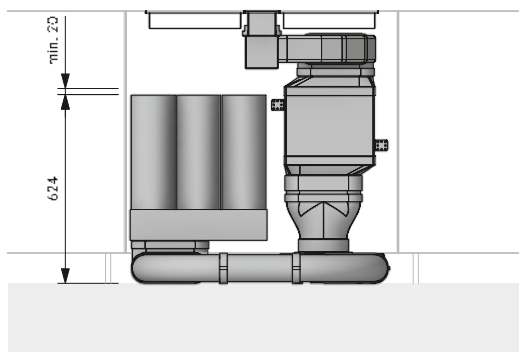
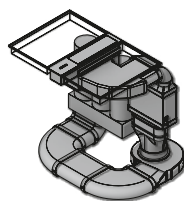
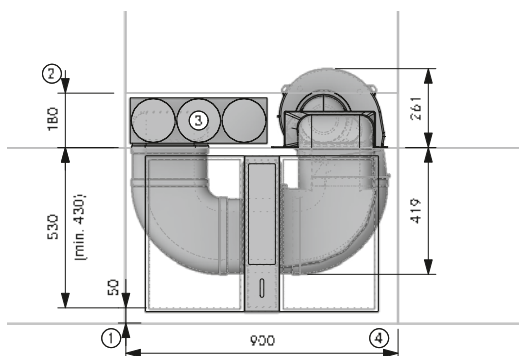
- 1 CKA2 Classic cooktop extractor
- 1 UESDFSL universal Ecotube set with USDF and ULS

- 1 ULBF air cleaning box, flexible

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

## CKA2 – recirculation model for kitchen islands

MP\_5871 – with ULS plinth fan, USDF shallow silencer and ULB3X air cleaning box



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm<sup>2</sup> free outflow area
- ④ Unobstructed return flow aperture at least 500 cm<sup>2</sup> per air cleaning box (at least 1000 cm<sup>2</sup> in the case of gas cooktops)

### BORA product

- 1 CKA2 Classic cooktop extractor
- 1 UESDFSL universal Ecotube set with USDF and ULS
- 1 ULB3X air purification box 3

### BORA Ecotube product

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

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

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



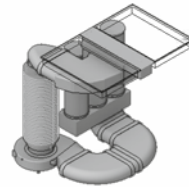
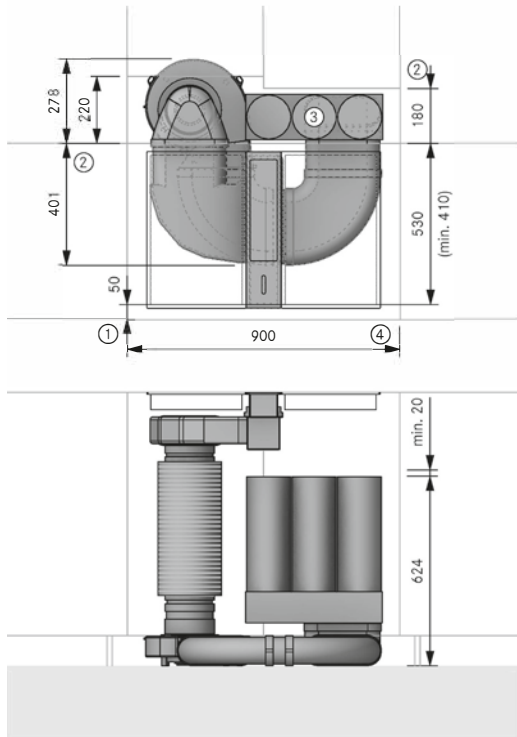
# Model plans

BORA Classic 2.0

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

## CKA2 – recirculation model for kitchen islands

MP\_5882 – with ULS plinth fan, USDR50 round silencer and ULB3X air cleaning box



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm<sup>2</sup> free outflow area
- ④ Unobstructed return flow aperture at least 500 cm<sup>2</sup> per air cleaning box (at least 1000 cm<sup>2</sup> in the case of gas cooktops)

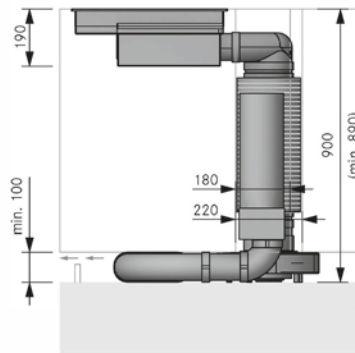
### BORA product

- 1 CKA2 Classic cooktop extractor
- 1 UESDRSL universal Ecotube set with USDR50 and ULS
- 1 ULB3X air purification box 3

### BORA Ecotube product

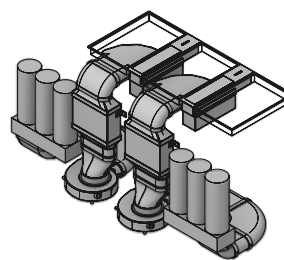
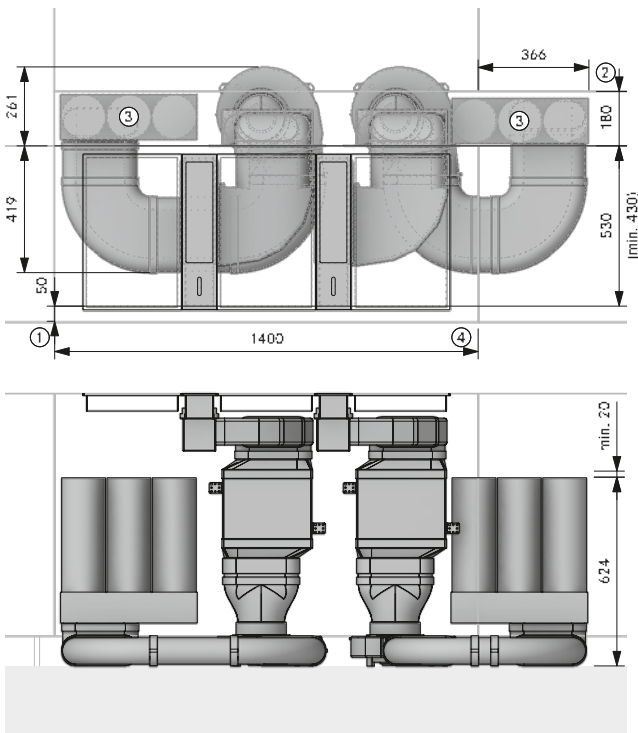
- 2 EFBH90/1 90° bend, shallow horizontal
- 1 EFBV90/1 90° bend, shallow vertical
- 1 EF750/1 shallow duct 750 mm

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



## CKA2 – double recirculation model for kitchen islands

MP\_5876 – with ULS plinth fan, USDF shallow silencer and ULB3X air cleaning box



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ The air cleaning box must be accessible to be able to replace filter cartridges and fine filters (180 mm from the side). Recommended space requirement (WxD) 800 x 180 mm or unobstructed 500 cm<sup>2</sup> free outflow area
- ④ Unobstructed return flow aperture at least 500 cm<sup>2</sup> per air cleaning box (at least 1000 cm<sup>2</sup> in the case of gas cooktops)

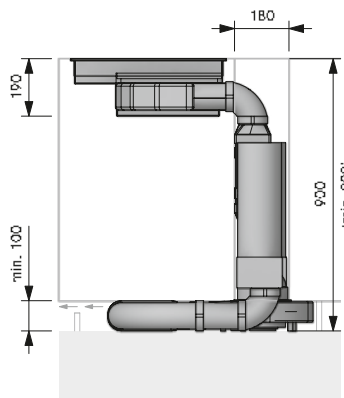
### BORA product

- 2 CKA2 Classic cooktop extractor
- 2 UESDFSL universal Ecotube set with USDF and ULS
- 2 ULB3X air purification box 3

### BORA Ecotube product

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

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



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

# BORA X Pure Highlights

## **Intuitive sControl control**

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

## **Minimum volume**

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

## **Oversized surface induction cooking zones**

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

## **Minimalistic design**

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

## **Integrated grease drip pan**

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

## **eSwap**

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

## **Simple cleaning**

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

## **Maximum storage space**

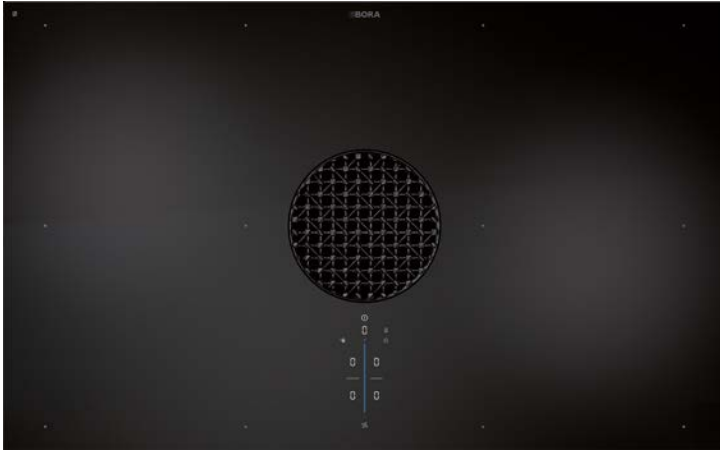
At under 200mm, the low installation height and integrated recirculation unit guarantee maximum storage space for pots and other kitchen utensils in the cupboard below. Even in 60-cm-deep kitchen units, no drawers need to be shortened in recirculation mode. A change from the norm.

## **Variable heat retention function**

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

## **Automatic extractor control**

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



## PUXA

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

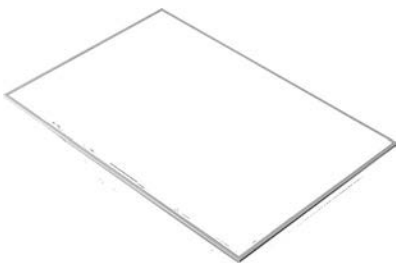
## PUXU

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



## PUXED

BORA X Pure air inlet nozzle



## BKR830

BORA cooktop frame for width 830mm



## USL5 15

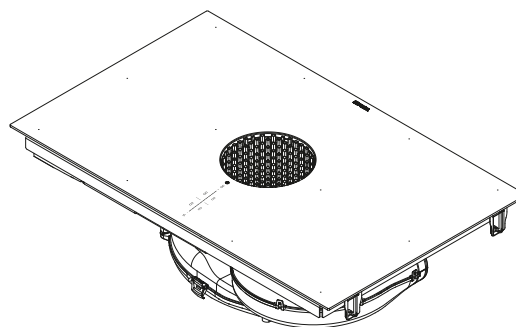
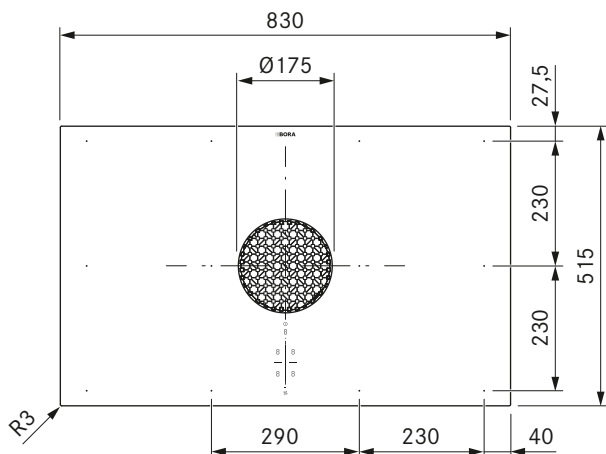
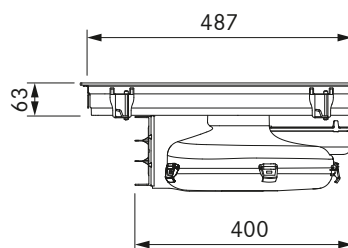
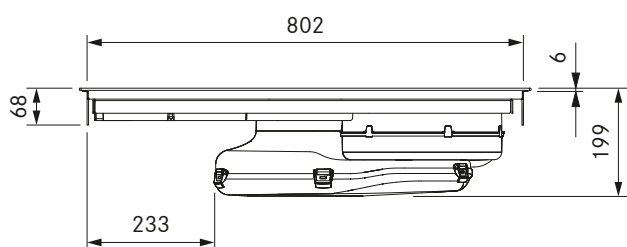
BORA side frame for cooktop depth 515mm

## USL5 15AB

BORA side frame for cooktop depth 515mm All Black

# PUXA

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



## Technical data

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

## Product description

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

## Scope of delivery

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

## Accessories

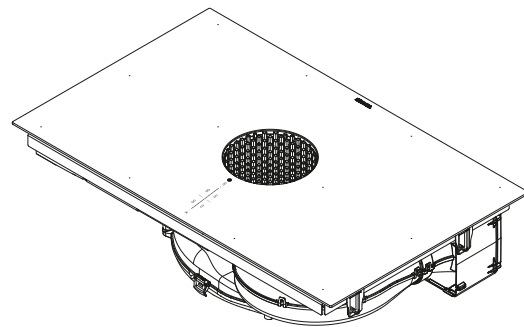
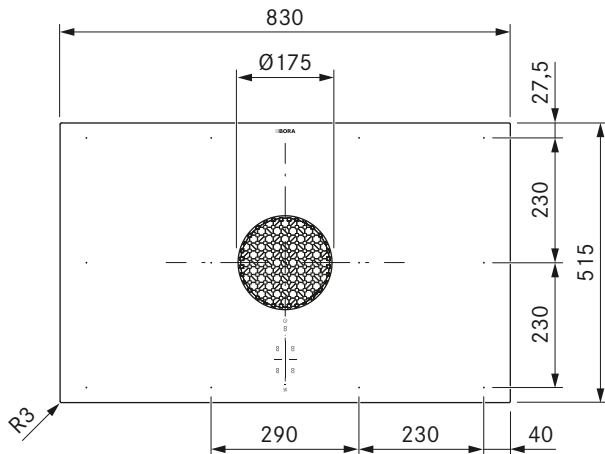
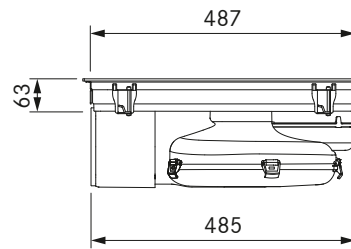
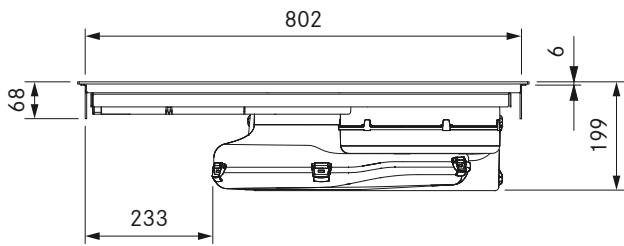
- Stainless steel grease filter PUEF
- Air inlet nozzle PUXED
- UDB25 sealing tape
- BKR830 cooktop frame
- Home In module PUHIM
- Air purification box PULB
- Air purification box telescopic pull-out PULBTA

## product- and planning instructions

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

# PUXU

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



## Technical data

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

## Product description

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

## Scope of delivery

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

## Accessories

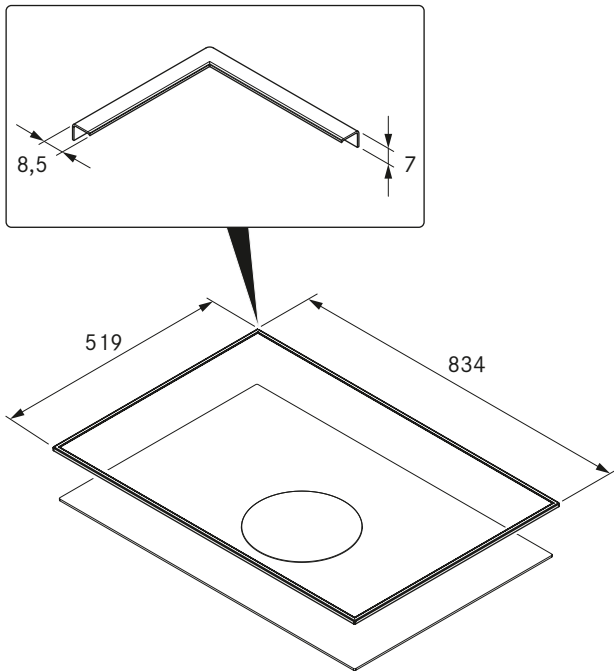
- Activated charcoal filter PUAKEF
- Stainless steel grease filter PUEF
- Air inlet nozzle PUXED
- UDB25 sealing tape
- BKR830 cooktop frame
- Air purification box telescopic pull-out PULBTA

## product- and planning instructions

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

## BKR830

BORA cooktop frame for width 830mm



### Technical data

Dimensions (width x depth x height)	834 x 519 x 7 mm
Material thickness	0,7 mm
Material	Brushed stainless steel
Glue setting time	24 h

### Product description

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

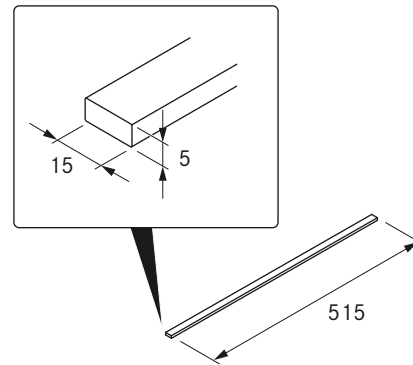
### Scope of delivery

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

## USL515 / USL515AB

BORA side frame for cooktop depth 515mm

BORA side frame for cooktop depth 515mm All Black



### Technical data

Dimensions (width x depth x height)	15 x 515 x 5 mm
Material	Brushed stainless steel
Glue setting time	24 h

### Product description

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

### Scope of delivery

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

# Energy labelling

BORA X Pure

## Product information according to delegated regulation (EU) no. 65/2014 and regulation (EU) no. 66/2014.

Manufacturer	BORA		
Model identification	PUXA		
	Symbol	Value	Unit
<b>Energy consumption</b>			
Annual energy consumption	AEC <sub>hood</sub>	35,6	kWh/a
Energy efficiency class	-	A+	-
Energy efficiency index	EEI <sub>hood</sub>	43,3	-
<b>Flow volume</b>			
Fluid dynamic efficiency	FDE <sub>hood</sub>	32,9	-
Fluid dynamic efficiency class	-	A	-
Minimum air flow in normal use	-	187,3	m <sup>3</sup> /h
Maximum air flow in normal use	-	563,3	m <sup>3</sup> /h
Maximum air flow on intensive or boost setting (power setting)	Q <sub>max</sub>	626,1	m <sup>3</sup> /h
Measured air flow rate at best efficiency point	Q <sub>BEP</sub>	313,4	m <sup>3</sup> /h
Measured air pressure at best efficiency point	P <sub>BEP</sub>	460,7	Pa
Measured electric power input at best efficiency point	W <sub>BEP</sub>	122,0	W
Time increase factor	f	0,8	-
<b>Lighting</b>			
Lighting efficiency	LE <sub>hood</sub>	*	lx/W
Lighting efficiency class	-	*	-
Nominal power of the lighting system	W <sub>L</sub>	*	W
Average illumination of the lighting system on the cooking surface	E <sub>middle</sub>	*	lx
<b>Grease filtering</b>			
Grease filtering efficiency	GFE <sub>hood</sub>	96,4	%
Grease filtering efficiency class	-	A	-
<b>Noise</b>			
Airborne acoustical A-weighted sound power emissions at minimum speed available in normal use	-	41,2	dB(A) re_1pW
Airborne acoustical A-weighted sound power emissions at maximum speed available in normal use	-	66,4	dB(A) re_1pW
Airborne acoustical A-weighted sound power emissions on intensive or boost setting (power setting)	-	68,6	dB(A) re_1pW
Sound pressure level at minimum speed available in normal use**	-	28,6	LpA in dB re 20 µPa
Sound pressure level at maximum speed available in normal use**	-	53,8	LpA in dB re 20 µPa
Sound pressure level on intensive or boost setting (power setting)**	-	56,0	LpA in dB re 20 µPa
<b>Power consumption</b>			
Power consumption in off mode	P <sub>o</sub>	0,18	W
Power consumption in standby mode	P <sub>s</sub>	*	W

\* Not applicable to this product.

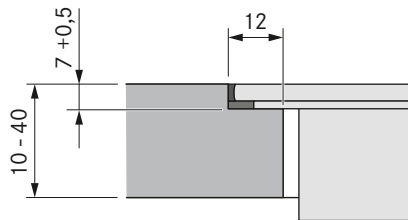
\*\* Voluntary information

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

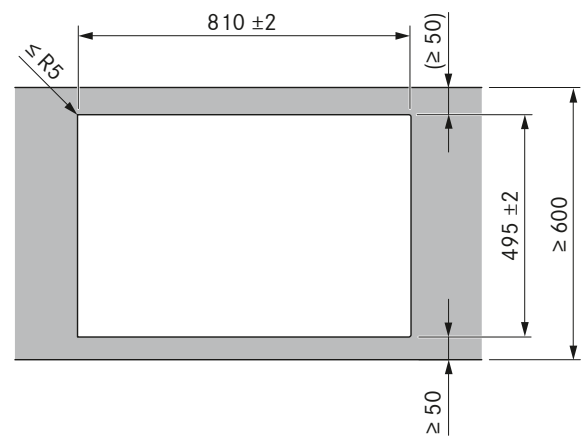
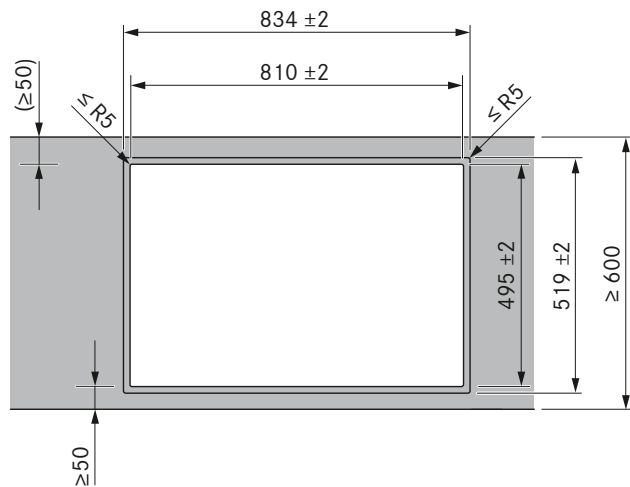
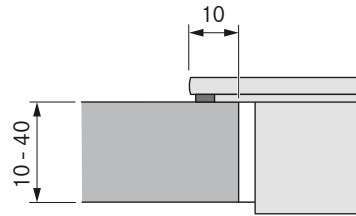
# Cut-out dimensions

BORA X Pure PUXA/PUXU

## Flush installation



## Surface mounting (with or without cooktop frame)



### Important planning instructions:

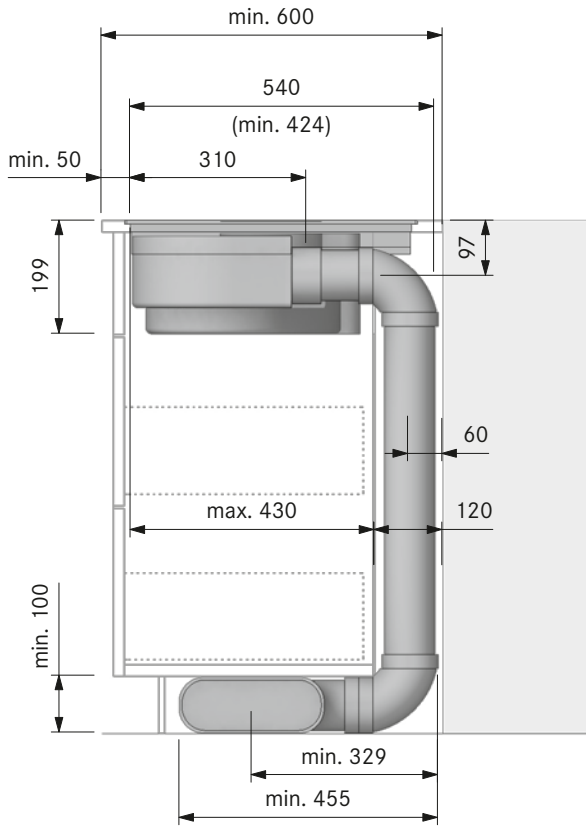
- The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA.
- Cut-out dimensions tolerance +/- 2 mm.
- Clearance of 2 mm should be planned around the built-in appliances.
- Please note the worktop manufacturer's instructions with regard to the suitability of the worktop. Worktop cut-outs must be moisture-sealed using suitable means or, where necessary, fitted with a thermal insulator (e.g. in the case of Corian or HiMacs worktops).



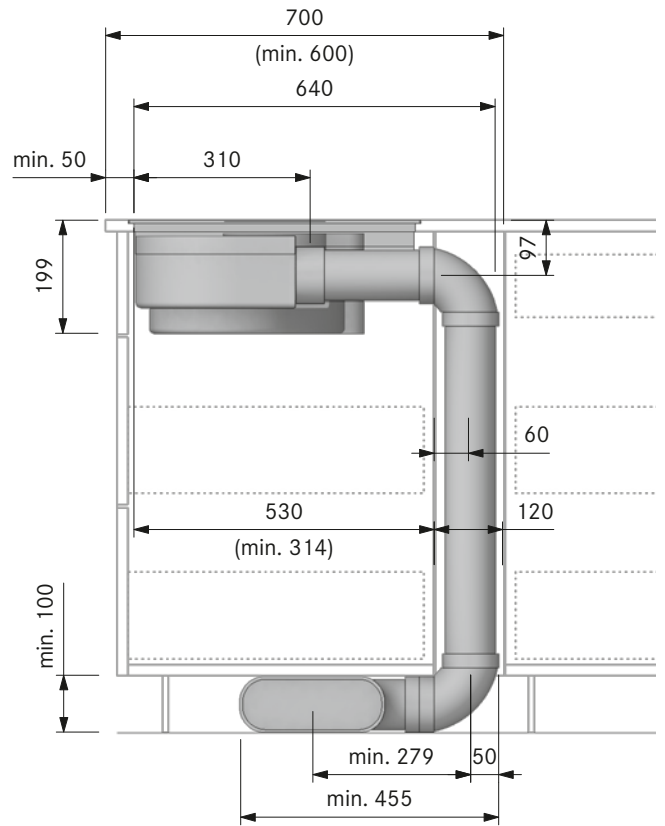
# Installation cut-outs

BORA X Pure

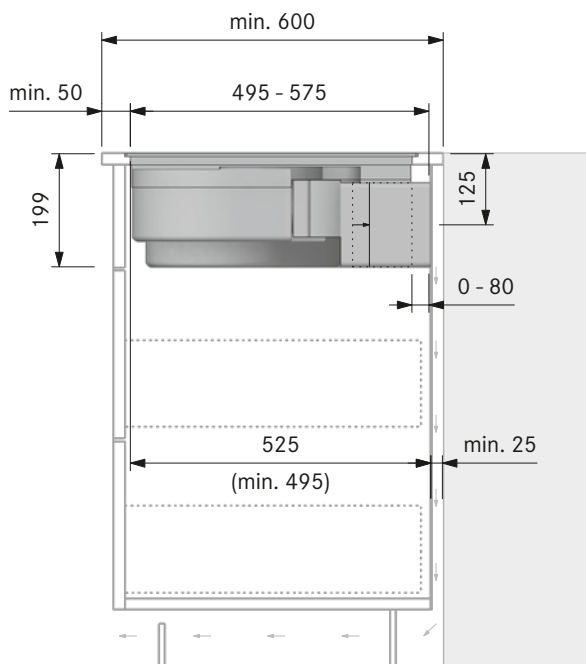
**Installation cut-out PUXA (kitchen counter 600):**



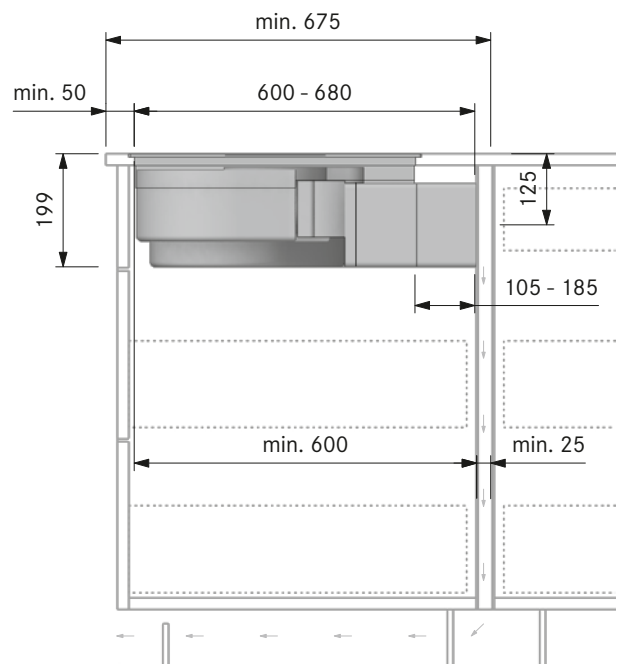
**Installation cut-out PUXA (kitchen island):**



**Installation cut-out PUXU (kitchen counter 600):**



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

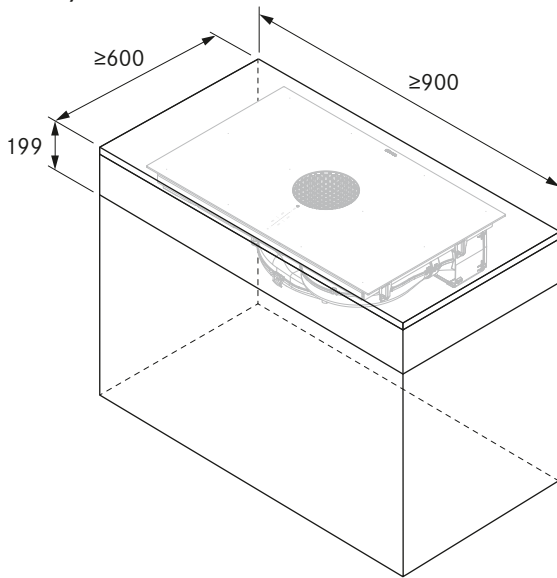


To ensure optimum extraction performance, a return flow aperture of at least 500 cm<sup>2</sup> for the air recirculation hood must be guaranteed.

# Minimum dimensions for installation

BORA X Pure

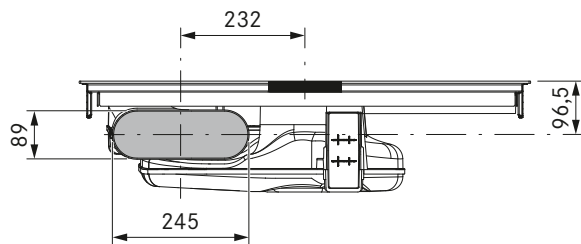
## PUXA/PUXU



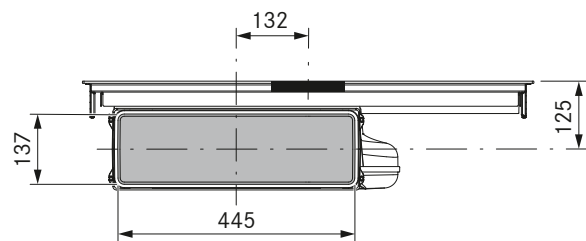
## Duct connection dimensions

BORA X Pure

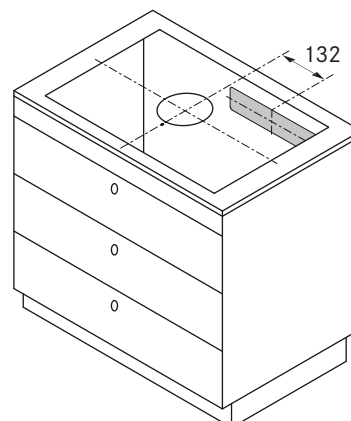
### Duct connection dimensions PUXA with BORA Ecotube duct connection



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



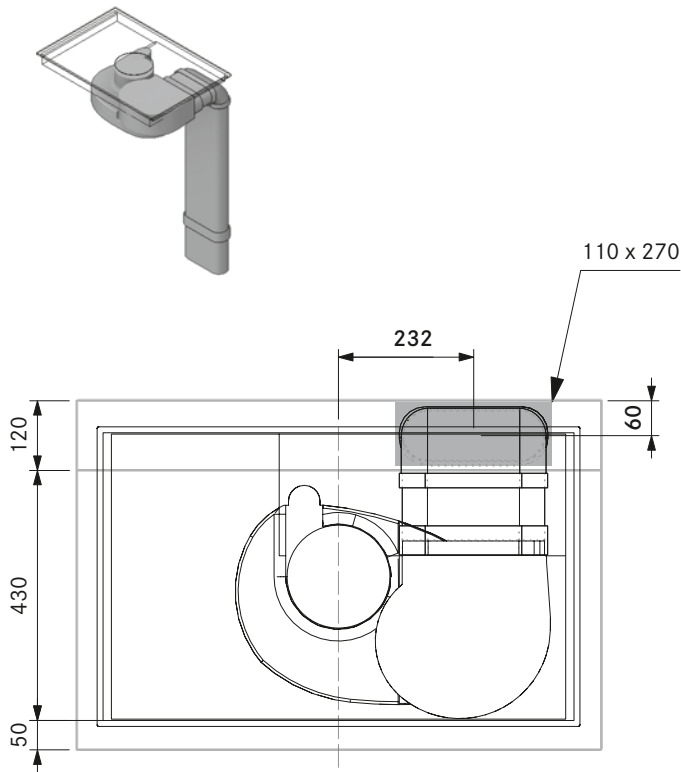
### Cut-out on rear wall PUXU



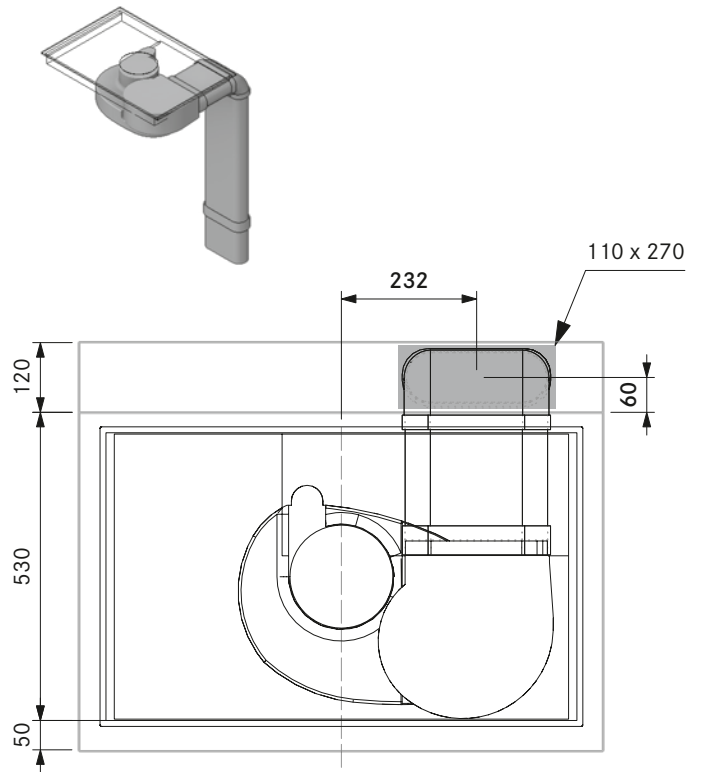
# Core bore holes

BORA X Pure

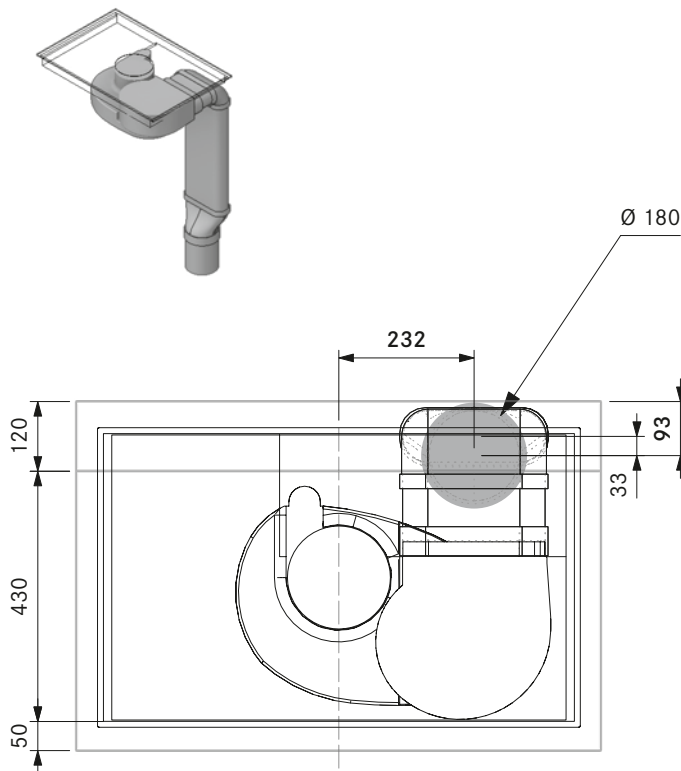
**Minimum dimensions for core bore hole  
PUXA + EF750 (kitchen counter 600):**



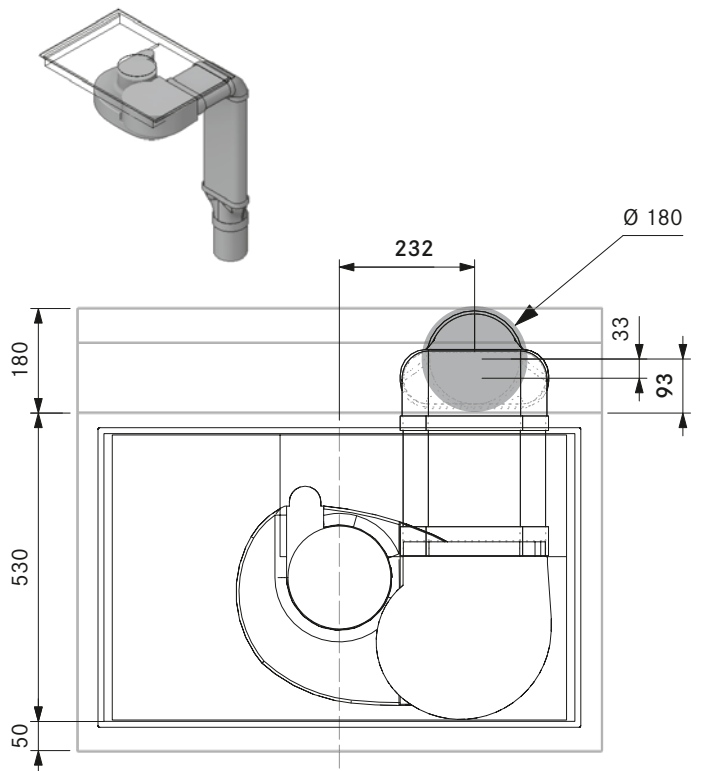
**Minimum dimensions for core bore hole  
PUXA + EF750 (kitchen island 700):**



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



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

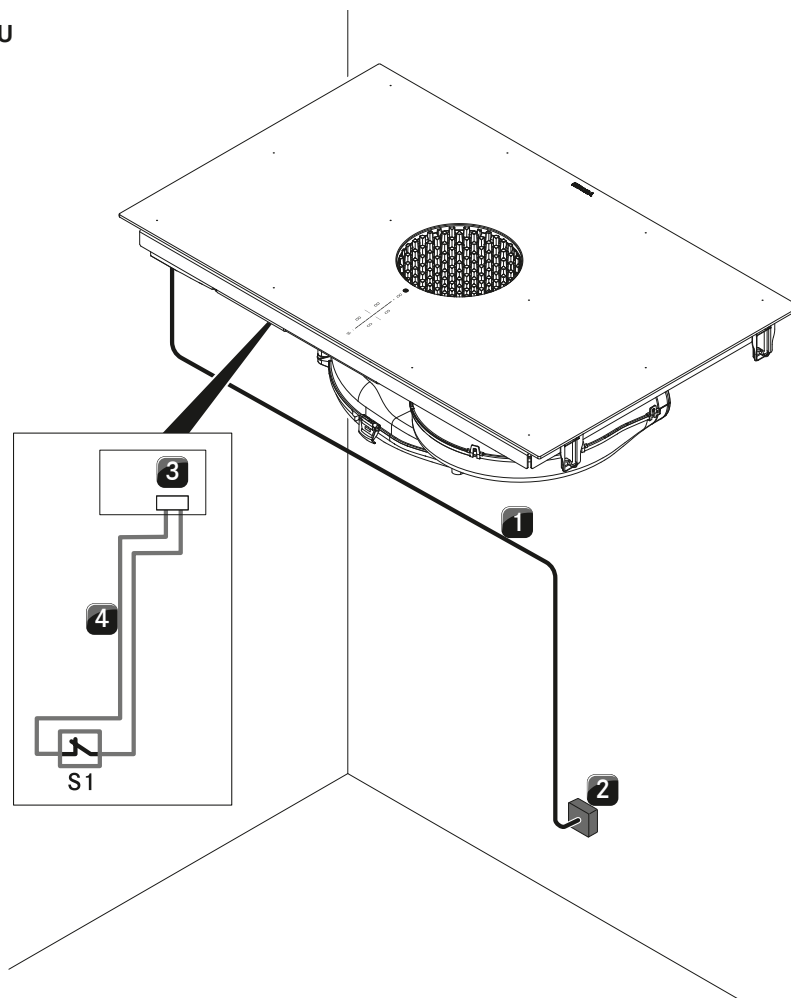


BORA X PURE

# Connection diagram

BORA X Pure

## BORA X Pure PUXA/PUXU



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

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

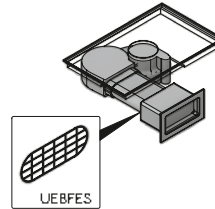
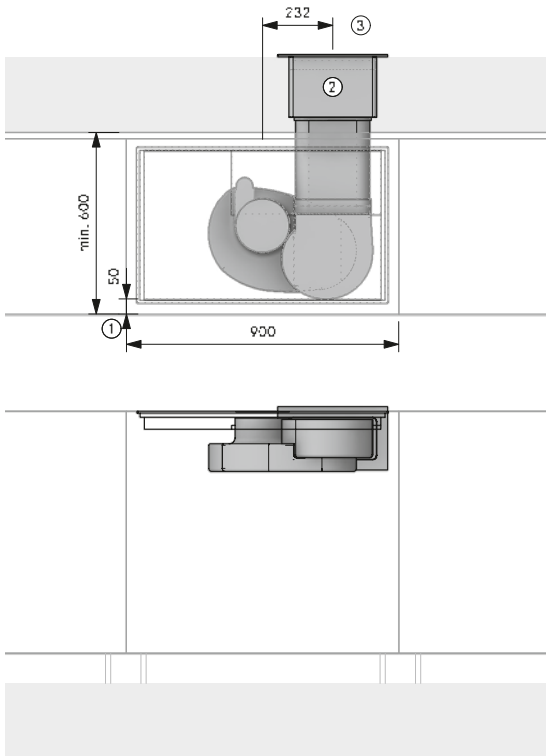
# Model plans

BORA X Pure

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

## PUXA – exhaust air model for kitchen units

MP\_4500 – with air flow towards the back



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Wall opening at least 310 x 155 mm. Must expel air in a straight line regardless of the weather conditions
- ③ In the case of ducting  $\leq 900$  mm with no bend between the fan and wall sleeve, the UEBFES/UEBRES is required

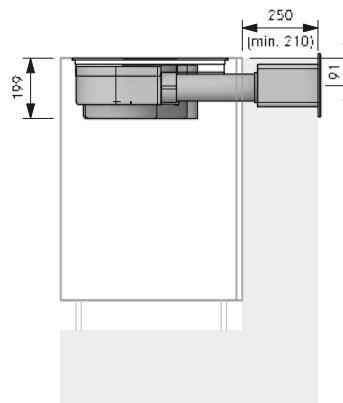
### BORA product

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

### BORA Ecotube product

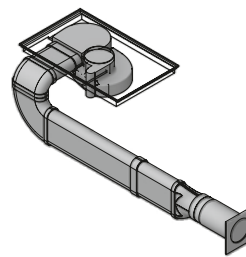
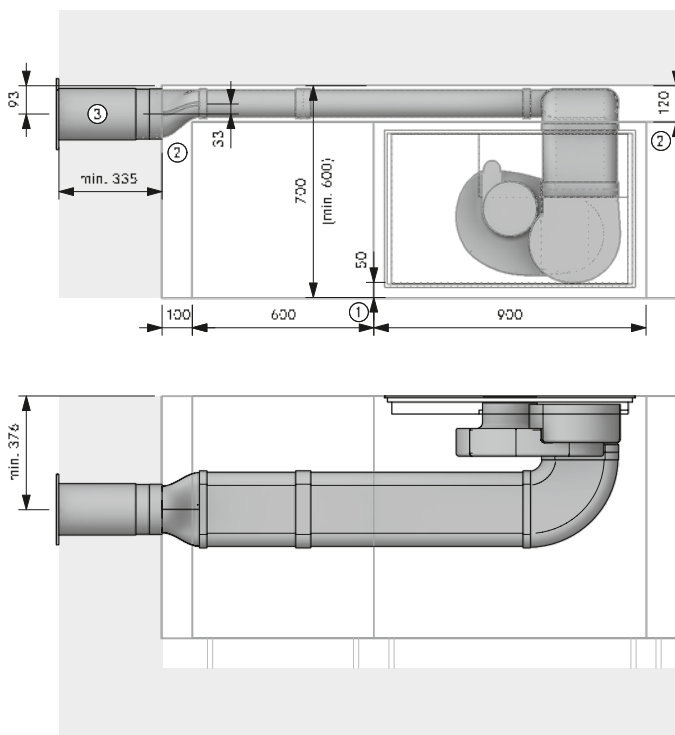
- 1 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 1 UEBFES/1 3box wall sleeve safety guard
- 1 EF750/1 shallow duct 750 mm

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



## PUXA – exhaust air model for kitchen units

MP\_4509 – with airflow towards the left upper edge



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Core bore hole at least  $\varnothing 180$  mm. Must expel air in a straight line regardless of the weather conditions

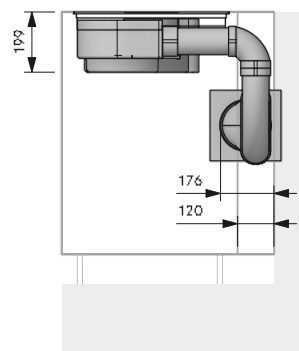
### BORA product

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

### BORA Ecotube product

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

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



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

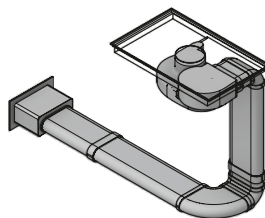
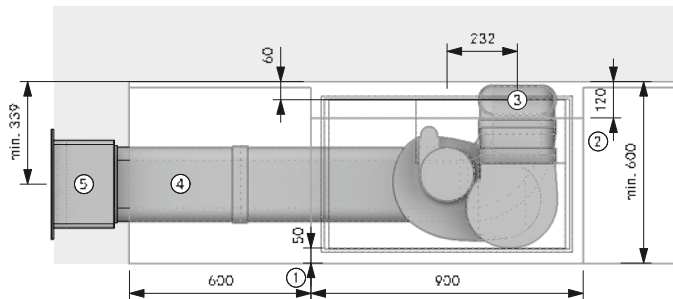
# Model plans

BORA X Pure

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

## PUXA – exhaust air model for kitchen units

MP\_4704 – with airflow towards the left in the floor



### Planning instructions

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

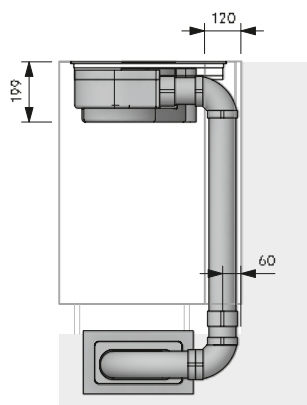
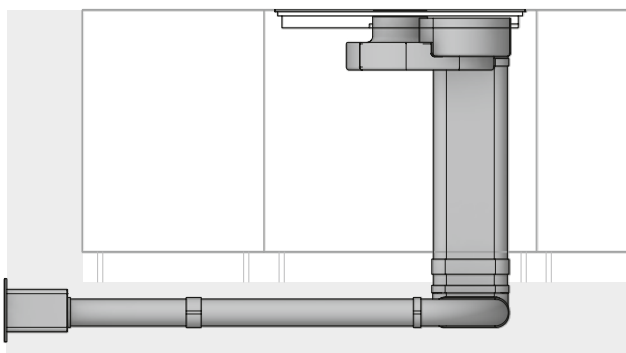
### BORA product

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

### BORA Ecotube product

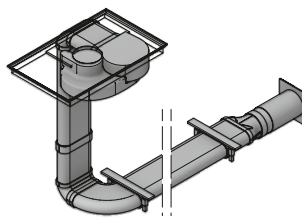
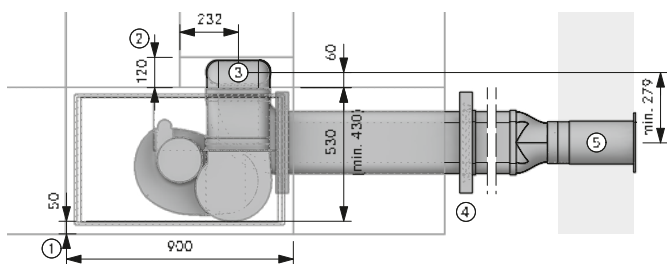
- 1 EFBH90/1 90° bend, shallow horizontal
- 2 EFBV90/1 90° bend, shallow vertical
- 3 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 2 EF750/1 shallow duct 750 mm
- 2 EFS750/1 shallow duct with partition 750 mm

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



## PUXA – exhaust air model for kitchen islands

MP\_4851 – with airflow towards the right in the basement



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Opening at least 110 x 270 mm
- ④ One mounting bracket set per Ecotube product with moulded coupling
- ⑤ Core bore hole at least Ø 180 mm. Must expel air in a straight line regardless of the weather conditions

### BORA product

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

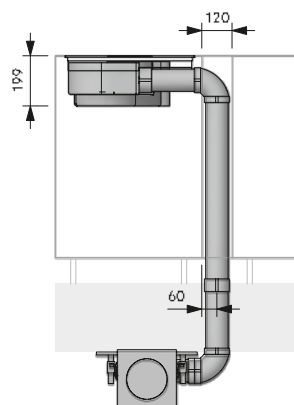
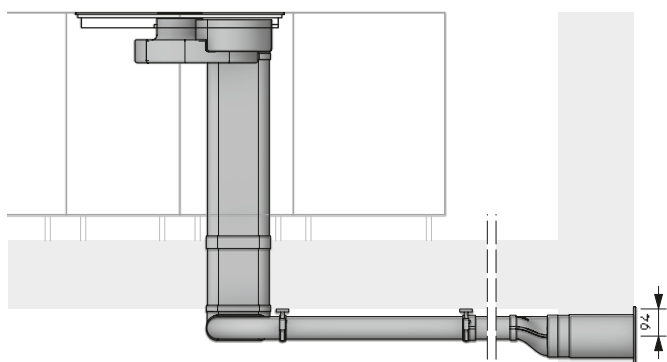
### BORA Ecotube product

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

### BORA Ecotube product according to requirements

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

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



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

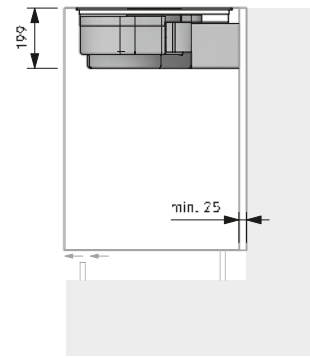
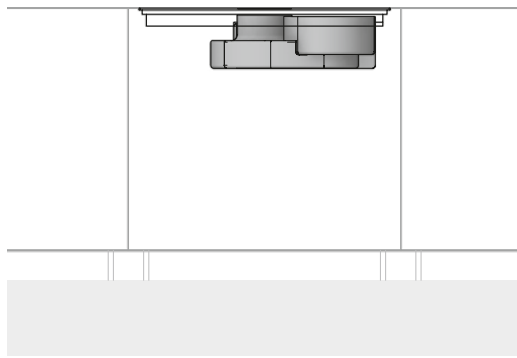
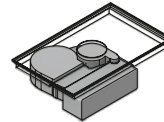
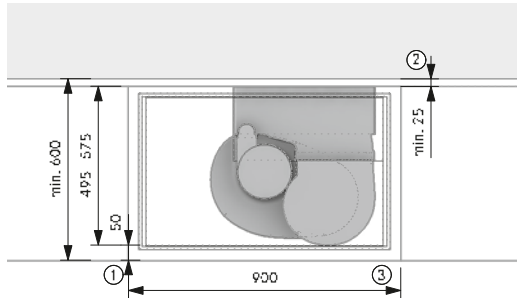
# Model plans

BORA X Pure

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

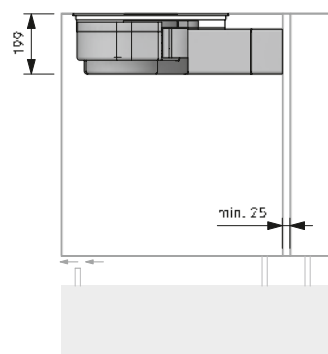
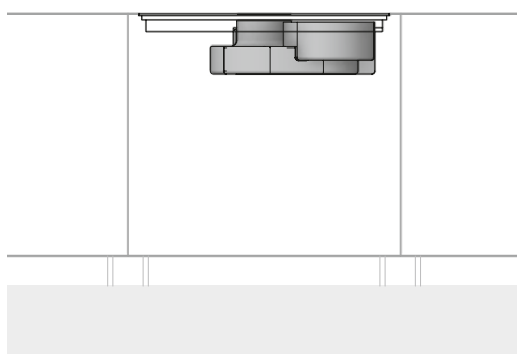
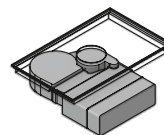
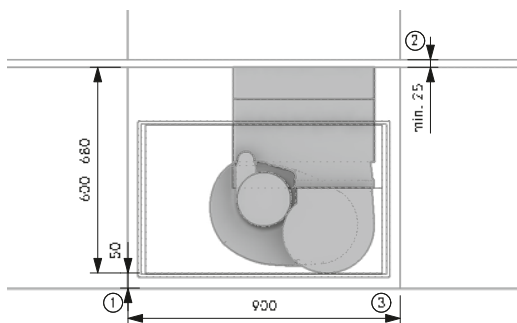
## PUXU – recirculation model for kitchen units

MP\_4920 – with air flow towards the back



## PUXU – recirculation model for kitchen islands

MP\_4921 – with air flow towards the back and additional telescopic pull-out



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Ensure that there is at least 25 mm between the back of the unit and the adjacent structure
- ③ Unobstructed return flow aperture of at least 500 cm<sup>2</sup>

### BORA product

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

### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Ensure that there is at least 25 mm between the back of the unit and the adjacent structure
- ③ Unobstructed return flow aperture of at least 500 cm<sup>2</sup>

### BORA product

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

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

# BORA Pure Highlights

## Minimalistic design

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

## Minimum volume

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

## Integrated grease drip pan

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

## eSwap

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

## Compact size

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

## Intuitive sControl control

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

## Simple cleaning

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

## Oversized 4 24 cooking surface

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

## Maximum storage space

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

## Automatic extractor control

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





## PURA

BORA Pure induction cooktop with integrated cooktop extractor - Exhaust air

## PURU

BORA Pure induction cooktop with integrated cooktop extractor - Recirculation



## PUED

BORA Pure air inlet nozzle black



## PUEDG

BORA Pure air inlet nozzle greige



## PUEDR

BORA Pure air inlet nozzle red



## PUEDJ

BORA Pure air inlet nozzle jade green



## PUEDO

BORA Pure air inlet nozzle orange



## PUEDB

BORA Pure air inlet nozzle blue



## BKR760

BORA cooktop frame  
for width 760mm



## USL5 15

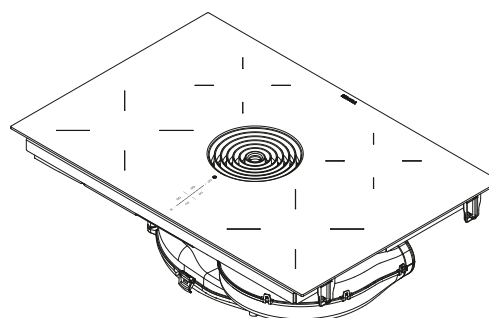
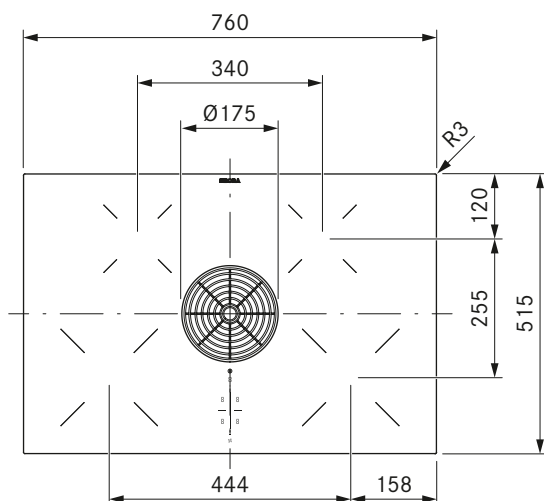
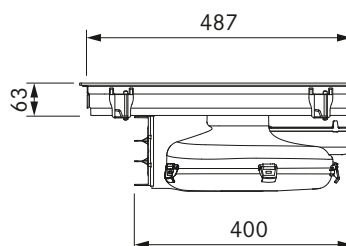
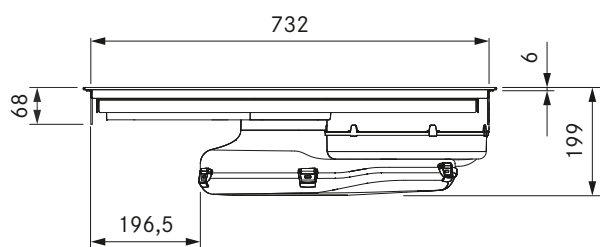
BORA side frame for cooktop depth 515mm

## USL5 15AB

BORA side frame for cooktop depth 515mm All Black

# PURA

BORA Pure induction cooktop with integrated cooktop extractor - Exhaust air



## Technical data

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

## Product description

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

## Scope of delivery

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

## Accessories

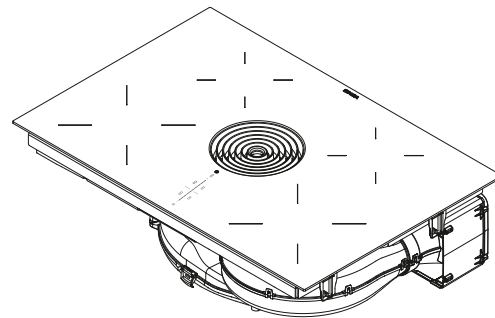
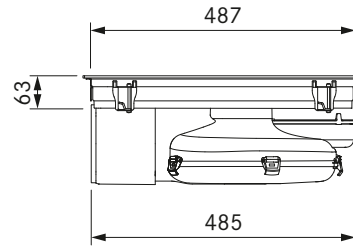
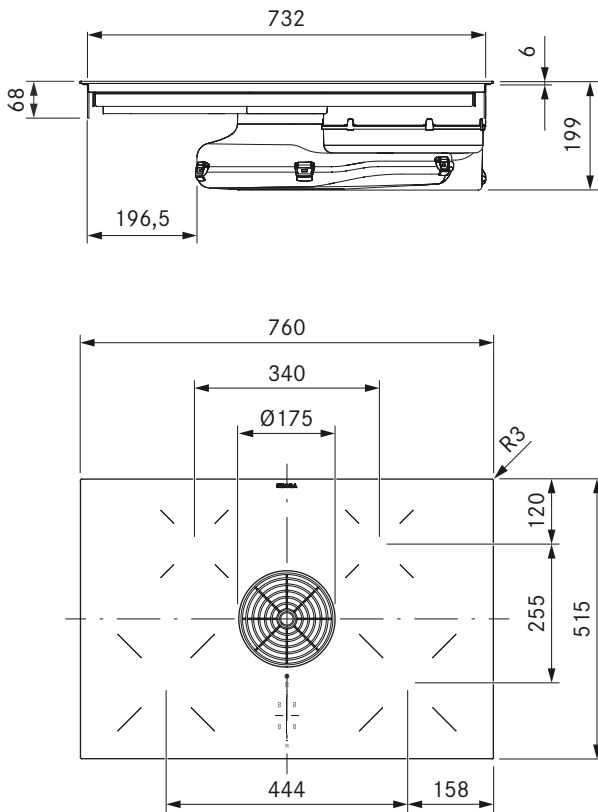
- Air inlet nozzle black PUED
- Air inlet nozzle greige PUEDG
- Air inlet nozzle red PUEDR
- Air inlet nozzle jade green PUEDJ
- Air inlet nozzle orange PUEDO
- Air inlet nozzle blue PUEDB
- Stainless steel grease filter PUEF
- UDB25 sealing tape
- BKR760 cooktop frame
- Home In module PUHIM
- Air purification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

## product- and planning instructions

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

# PURU

BORA Pure induction cooktop with integrated cooktop extractor - Recirculation



## Technical data

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

## Product description

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

## Scope of delivery

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

## Accessories

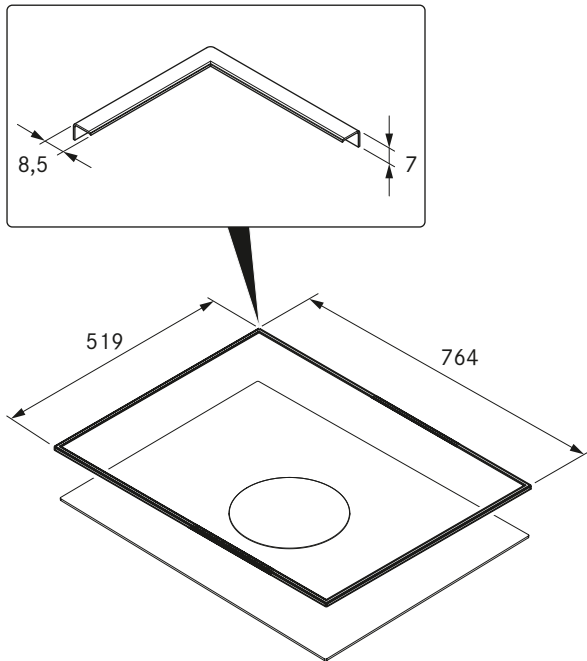
- Air inlet nozzle black PUED
- Air inlet nozzle greige PUEDG
- Air inlet nozzle red PUEDR
- Air inlet nozzle jade green PUEDJ
- Air inlet nozzle orange PUEDO
- Air inlet nozzle blue PUEDB
- Stainless steel grease filter PUEF
- Activated charcoal filter PUAKF
- UDB25 sealing tape
- BKR760 cooktop frame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

## product- and planning instructions

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

## BKR760

BORA cooktop frame for width 760mm



### Technical data

Dimensions (width x depth x height)	764 x 519 x 7 mm
Material thickness	0,7 mm
Material	Brushed stainless steel
Glue setting time	24 h

### Product description

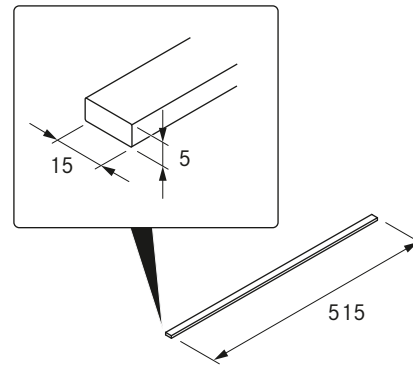
- Protection of glass ceramics
- Simple installation
- High-quality material
- matching accessories

### Scope of delivery

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

## USL515 / USL515AB

BORA side frame for cooktop depth 515mm  
BORA side frame for cooktop depth 515mm All Black



### Technical data

Dimensions (width x depth x height)	15 x 515 x 5 mm
Material	Brushed stainless steel
Glue setting time	24 h

### Product description

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

### Scope of delivery

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

# Energy labelling

BORA Pure

## Product information according to delegated regulation (EU) no. 65/2014 and regulation (EU) no. 66/2014.

Manufacturer Model identification	BORA PURA		
	Symbol	Value	Unit
<b>Energy consumption</b>			
Annual energy consumption	AEC <sub>hood</sub>	33,7	kWh/a
Energy efficiency class	-	A+	-
Energy efficiency index	EEI <sub>hood</sub>	42,8	-
<b>Flow volume</b>			
Fluid dynamic efficiency	FDE <sub>hood</sub>	32,6	-
Fluid dynamic efficiency class	-	A	-
Minimum air flow in normal use	-	179,1	m <sup>3</sup> /h
Maximum air flow in normal use	-	548,3	m <sup>3</sup> /h
Maximum air flow on intensive or boost setting (power setting)	Q <sub>max</sub>	622	m <sup>3</sup> /h
Measured air flow rate at best efficiency point	Q <sub>BEP</sub>	304,3	m <sup>3</sup> /h
Measured air pressure at best efficiency point	P <sub>BEP</sub>	446	Pa
Measured electric power input at best efficiency point	W <sub>BEP</sub>	115,5	W
Time increase factor	f	0,8	-
<b>Lighting</b>			
Lighting efficiency	LE <sub>hood</sub>	*	lx/W
Lighting efficiency class	-	*	-
Nominal power of the lighting system	W <sub>L</sub>	*	W
Average illumination of the lighting system on the cooking surface	E <sub>middle</sub>	*	lx
<b>Grease filtering</b>			
Grease filtering efficiency	GFE <sub>hood</sub>	97,8	%
Grease filtering efficiency class	-	A	-
<b>Noise</b>			
Airborne acoustical A-weighted sound power emissions at minimum speed available in normal use	-	40,1	dB(A) re_1pW
Airborne acoustical A-weighted sound power emissions at maximum speed available in normal use	-	65,8	dB(A) re_1pW
Airborne acoustical A-weighted sound power emissions on intensive or boost setting (power setting)	-	67,7	dB(A) re_1pW
Sound pressure level at minimum speed available in normal use**	-	27,5	LpA in dB re 20 µPa
Sound pressure level at maximum speed available in normal use**	-	53,2	LpA in dB re 20 µPa
Sound pressure level on intensive or boost setting (power setting)**	-	55,1	LpA in dB re 20 µPa
<b>Power consumption</b>			
Power consumption in off mode	P <sub>o</sub>	0,12	W
Power consumption in standby mode	P <sub>s</sub>	*	W

\* Not applicable to this product.

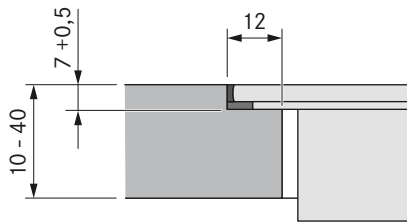
\*\* Voluntary information

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.

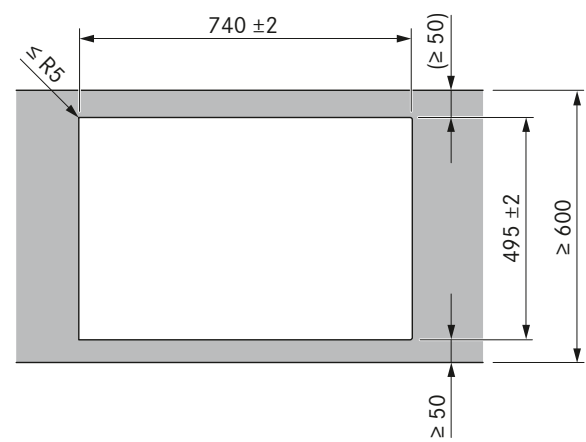
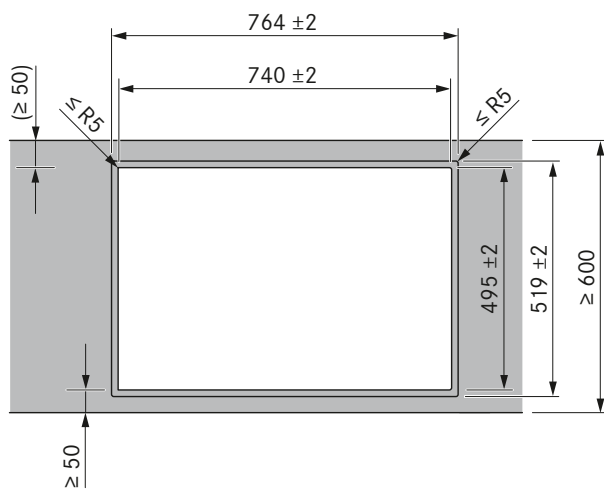
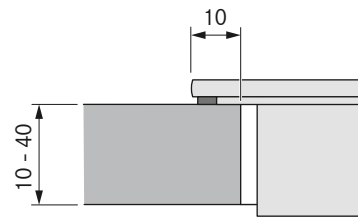
# Cut-out dimensions

BORA Pure PURA/PURU

## Flush installation



## Surface mounting (with or without cooktop frame)



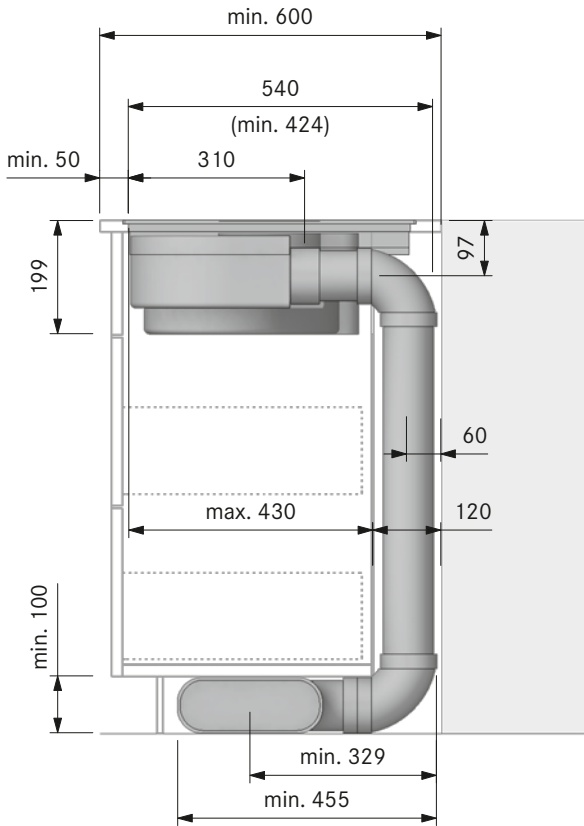
### Important planning instructions:

- The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA.
- Cut-out dimensions tolerance +/- 2 mm.
- Clearance of 2 mm should be planned around the built-in appliances.
- Please note the worktop manufacturer's instructions with regard to the suitability of the worktop. Worktop cut-outs must be moisture-sealed using suitable means or, where necessary, fitted with a thermal insulator (e.g. in the case of Corian or HiMacs worktops).

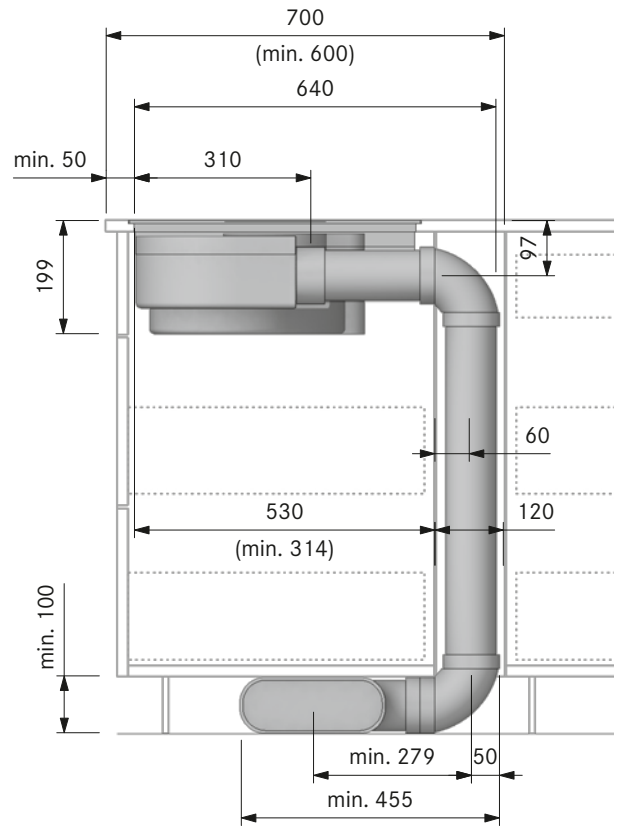
# Installation cut-outs

BORA Pure

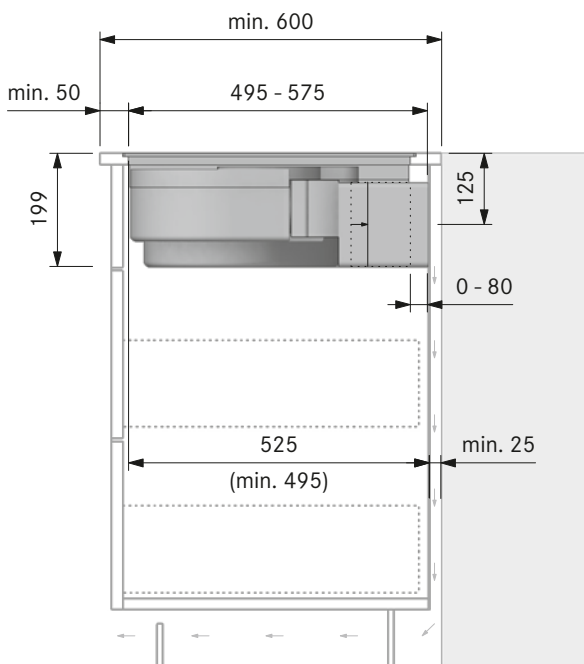
**Installation cut-out PURA (kitchen counter 600):**



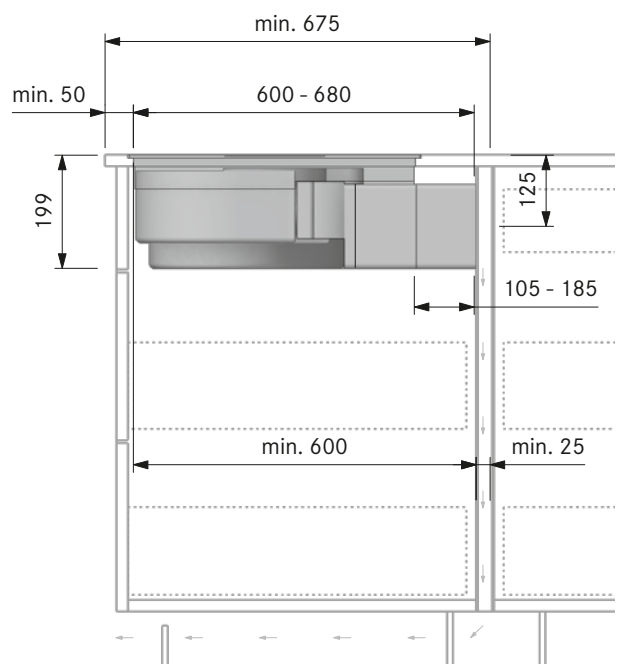
**Installation cut-out PURA (kitchen island):**



**Installation cut-out PURU (kitchen counter 600):**



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

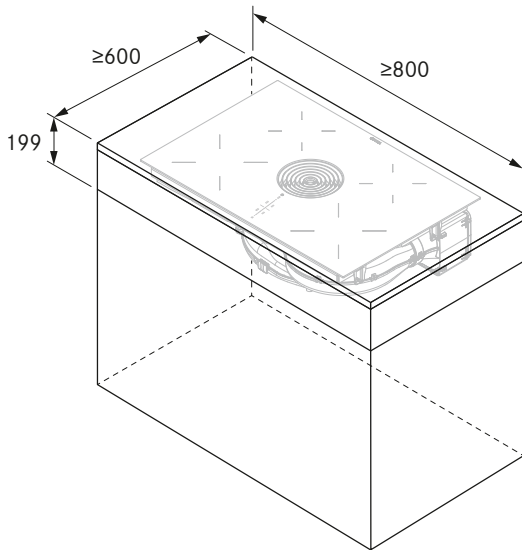


To ensure optimum extraction performance, a return flow aperture of at least 500 cm<sup>2</sup> for the air recirculation hood must be guaranteed.

# Minimum dimensions for installation

BORA Pure

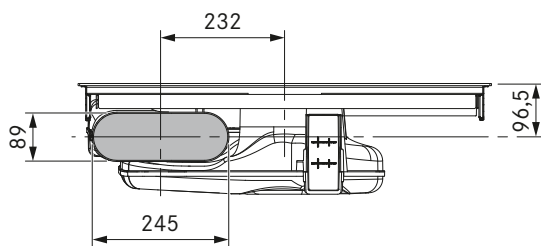
## PURA/PURU



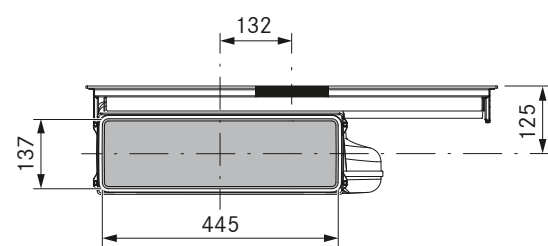
## Duct connection dimensions

BORA Pure

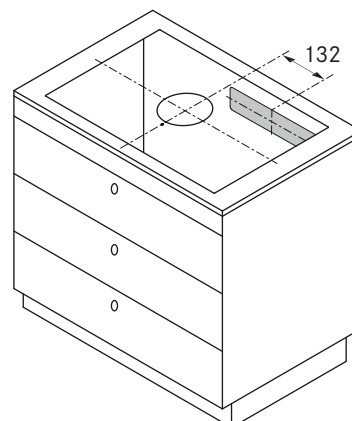
### Duct connection dimensions PURA with BORA Ecotube duct connection



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



### Cut-out on rear wall PURU

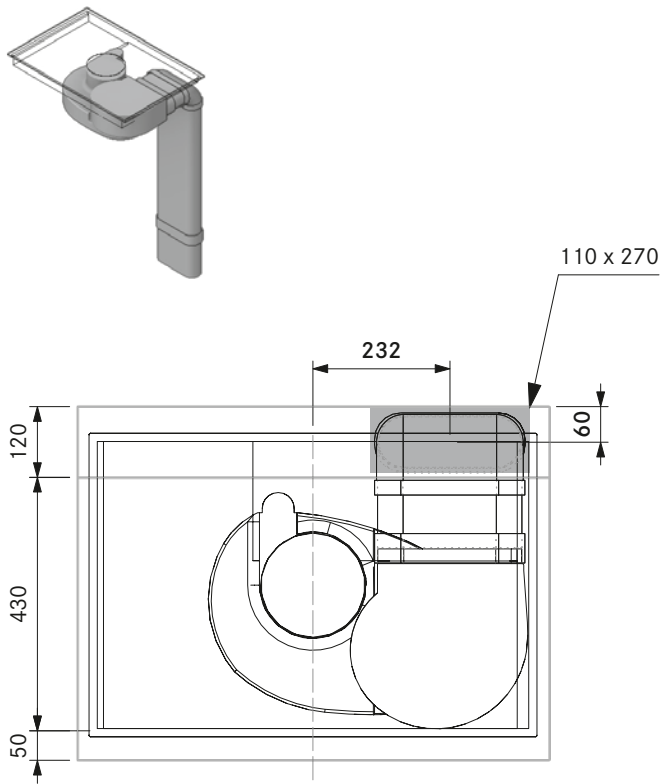




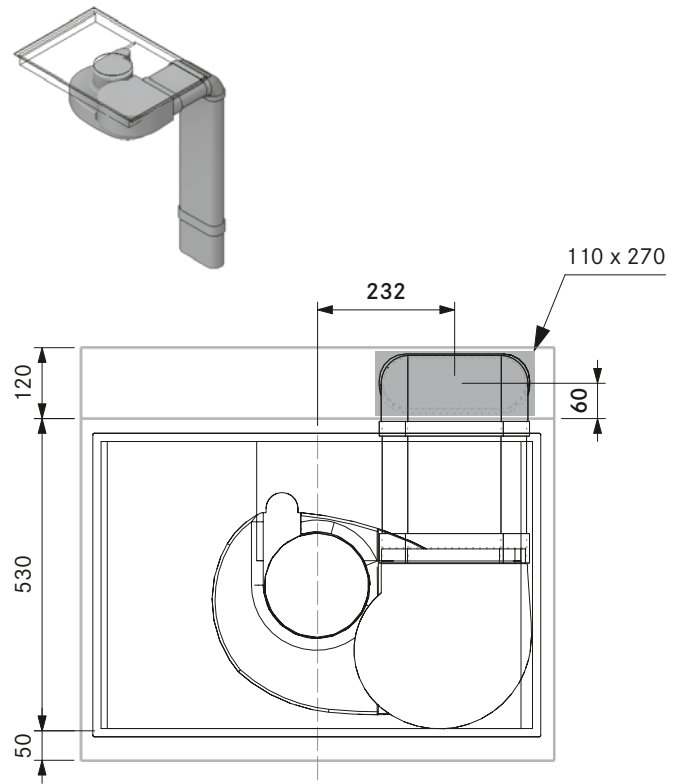
# Core bore holes

BORA Pure

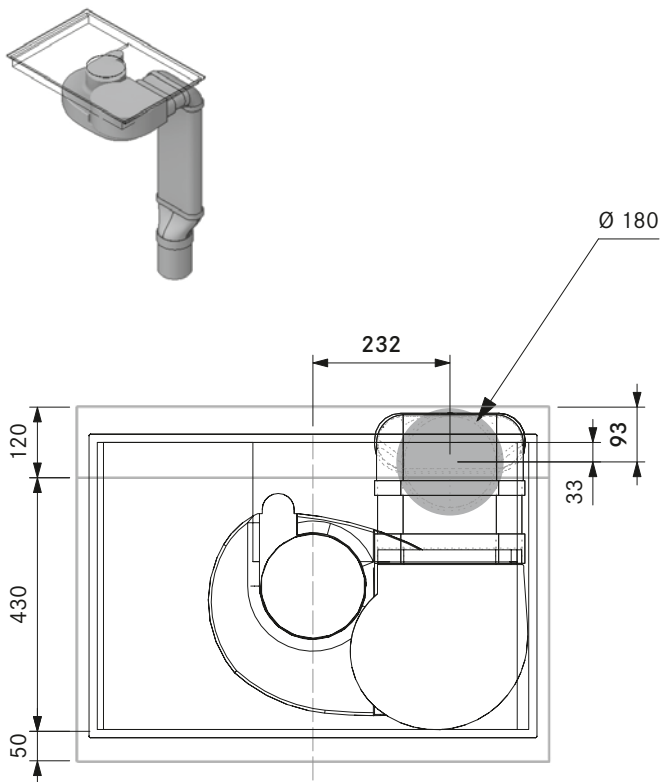
**Minimum dimensions for core bore hole  
PURA + EF750 (kitchen counter 600):**



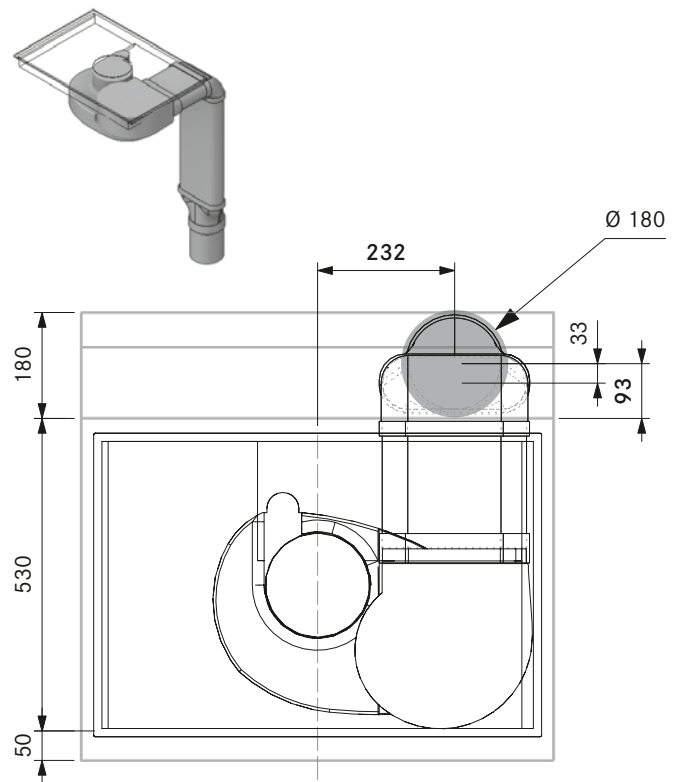
**Minimum dimensions for core bore hole  
PURA + EF750 (kitchen island 700):**



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



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

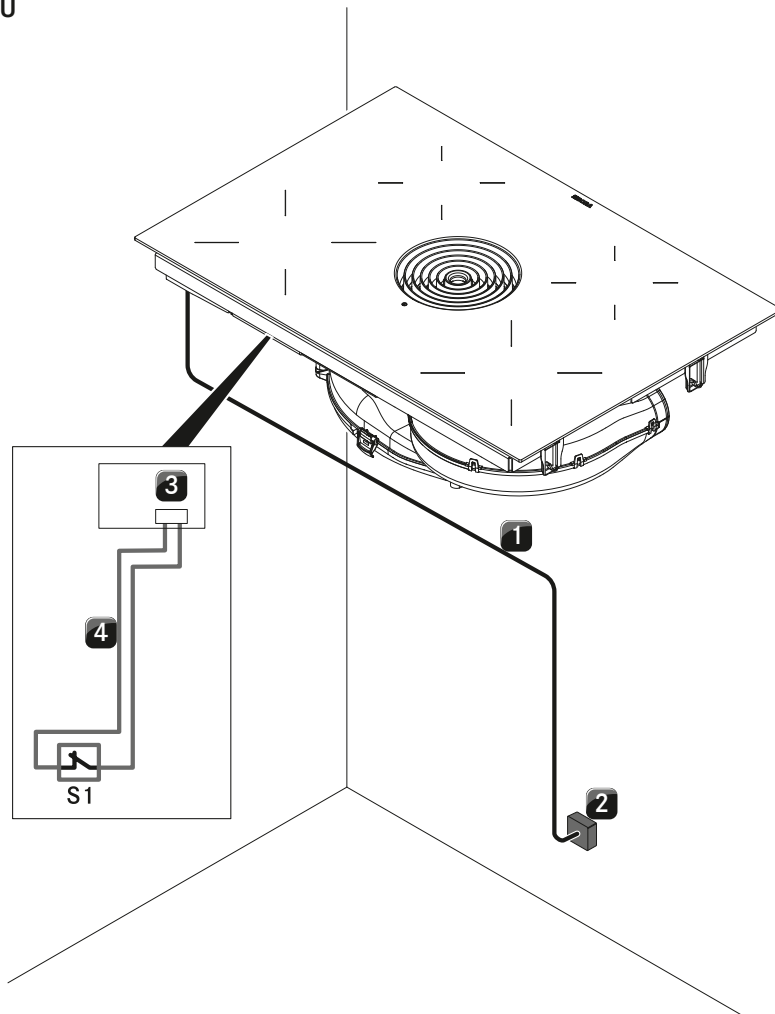


BORA PURE

# Connection diagram

BORA Pure

## BORA Pure PURA/PURU



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

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

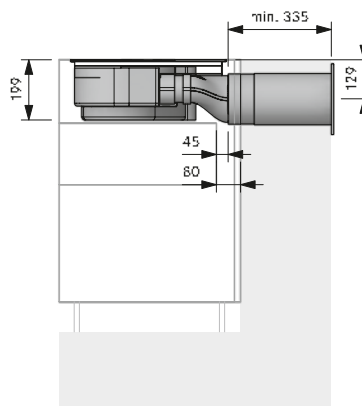
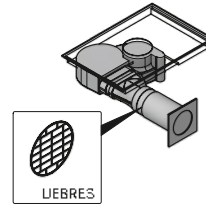
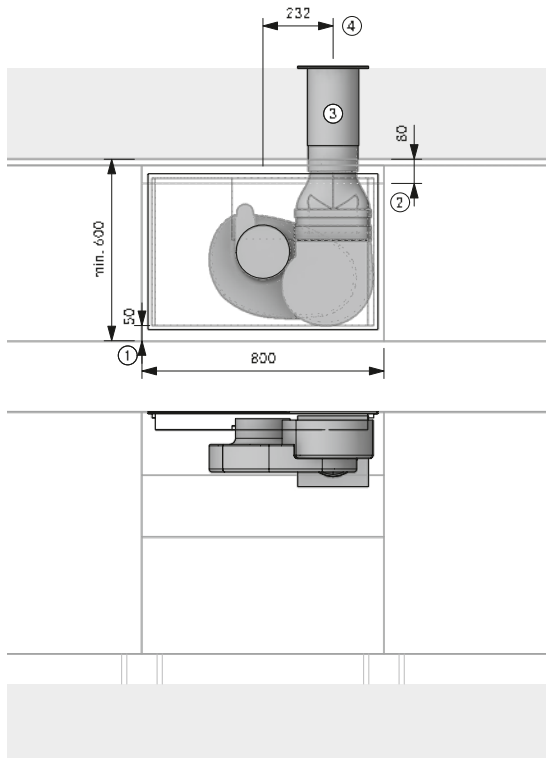
# Model plans

BORA Pure

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

## PURA – exhaust air model for kitchen units

MP\_4002 – with air flow towards the back, round



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Outlet must be shortened
- ③ Core bore hole at least  $\varnothing 180$  mm. Must expel air in a straight line regardless of the weather conditions
- ④ In the case of ducting  $\leq 900$  mm with no bend between the fan and wall sleeve, the UEBFES/UEBRES is required

### BORA product

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

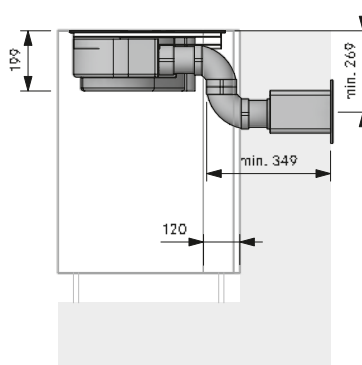
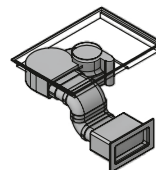
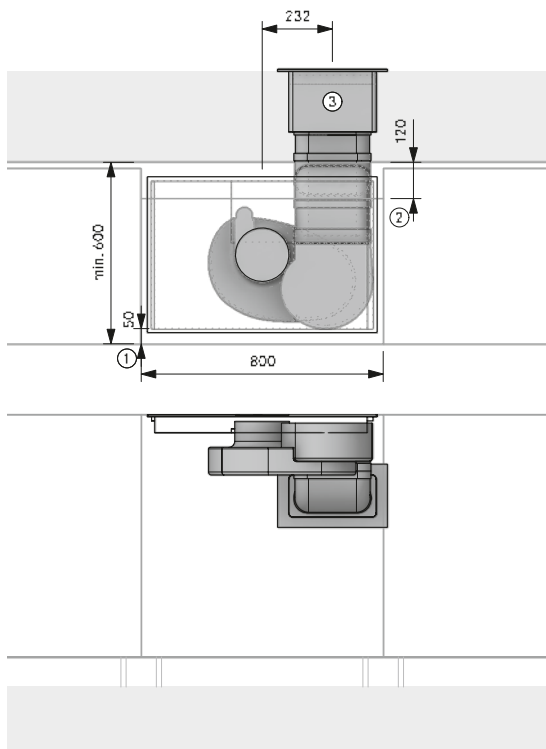
### BORA Ecotube product

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

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

## PURA – exhaust air model for kitchen units

MP\_4004 – with air flow towards the back, shallow



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Wall opening 310 x 155 mm. Must expel air in a straight line regardless of the weather conditions

### BORA product

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

### BORA Ecotube product

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

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

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

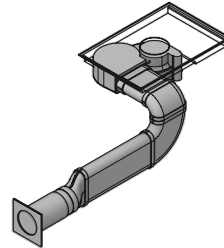
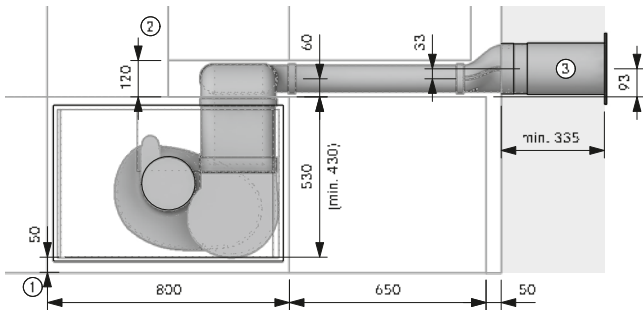
# Model plans

BORA Pure

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

## PURA – exhaust air model for kitchen islands

MP\_4050 – with air flow towards the right upper edge



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Core bore hole at least  $\varnothing$  180 mm  
Must expel air in a straight line regardless of the weather conditions

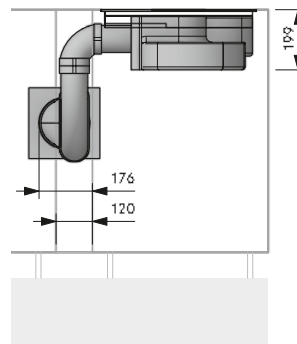
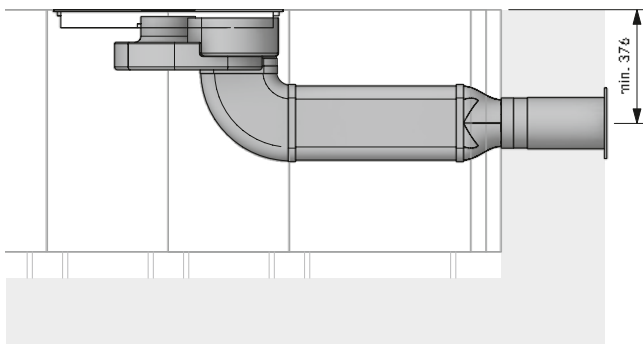
### BORA product

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

### BORA Ecotube product

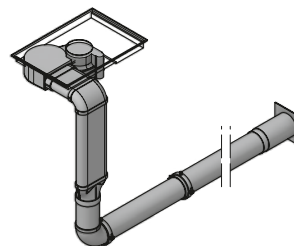
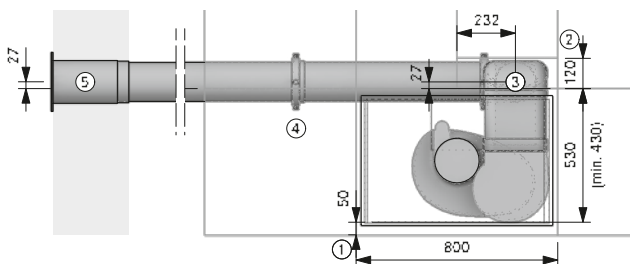
- 1 EFBH90/1 90° bend, shallow horizontal
- 1 EFBV90/1 90° bend, shallow vertical
- 1 EFRG/1 transition, shallow round straight
- 1 EFV/1 duct connection, shallow
- 1 UEBR/1 3box wall sleeve, round
- 2 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

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



## PURA – exhaust air model for kitchen islands

MP\_4358 – with airflow towards the left in the basement, round



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Core bore hole at least  $\varnothing$  180 mm
- ④ One mounting bracket set per Ecotube product with moulded coupling
- ⑤ Core bore hole at least  $\varnothing$  180 mm. Must expel air in a straight line regardless of the weather conditions

### BORA product

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

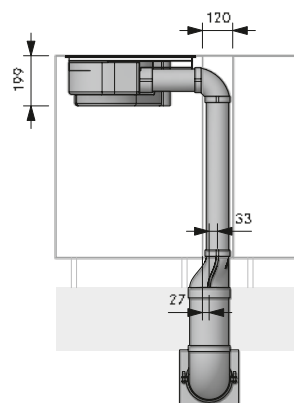
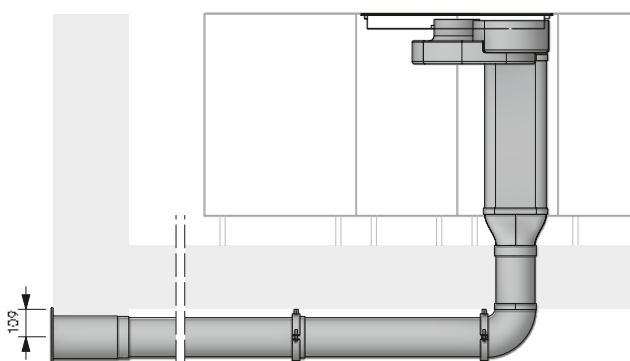
### BORA Ecotube product

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

### BORA Ecotube product according to requirements

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

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



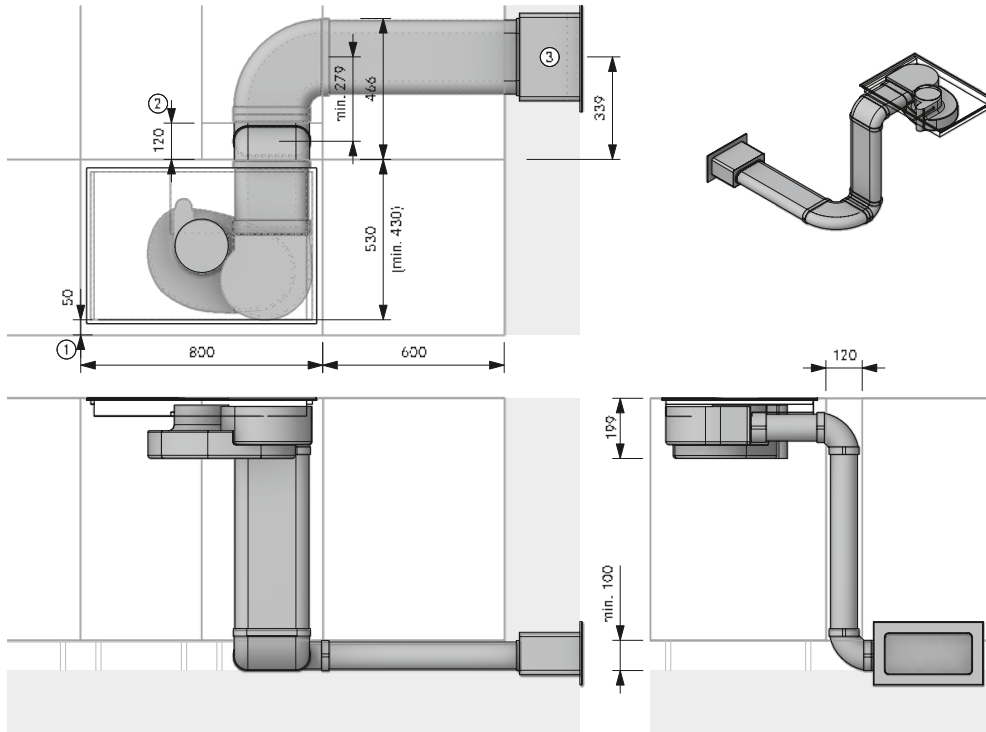
Installation may only be carried out in accordance with the applicable standards, regulations and laws.

# Model plans

BORA Pure

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

## PURA – exhaust air model for kitchen islands MP\_4156 – with air flow towards the right in the plinth



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Wall opening 310 x 155 mm.  
71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

### BORA product

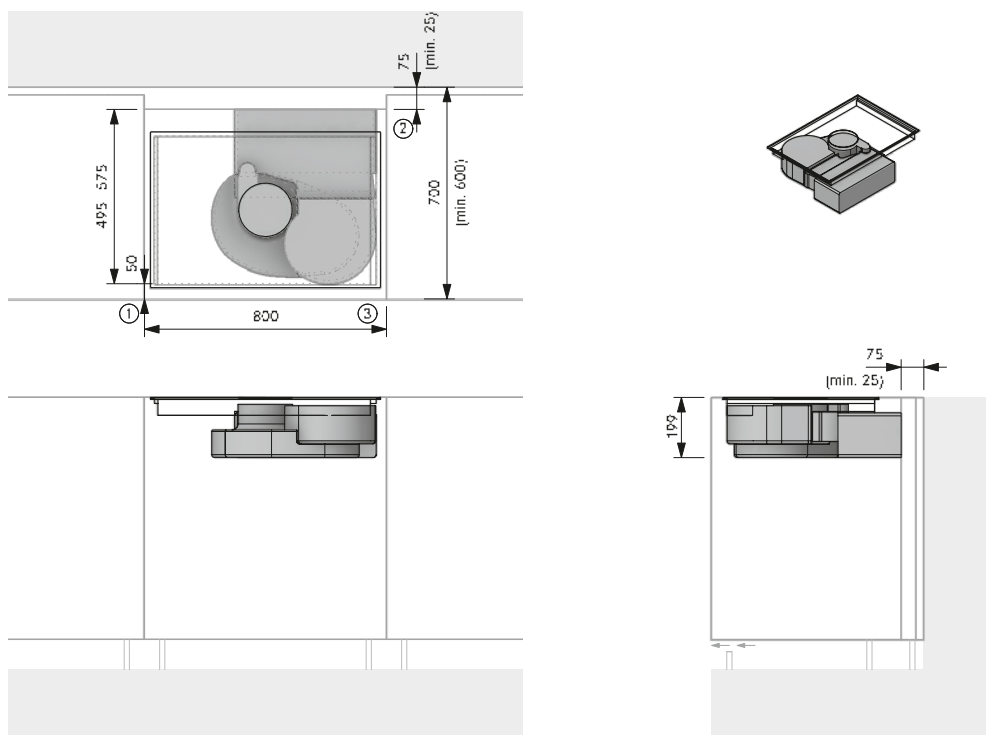
- 1 PURA Pure induction cooktop with integrated cooktop extractor – exhaust air

### BORA Ecotube product

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

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

## PURU – recirculation model for kitchen islands MP\_4411 – with air flow towards the back



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② At least 25 mm between the back of the unit and the adjacent structure must be provided for
- ③ Unobstructed return flow aperture of at least 500 cm<sup>2</sup>

### BORA product

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

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

# BORA Basic Highlights

## **Minimum volume**

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

## **Genuine stainless steel grease filter**

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

## **Maximum storage space**

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

## **Childproofing feature**

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

## **Easy installation**

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

## **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.

## **Integrated grease drip pan**

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

## **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.



## 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



## BFIED

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



## BEDAB

BORA Basic air inlet nozzle All Black



## BKR760

BORA cooktop frame for width 760mm



## USL515

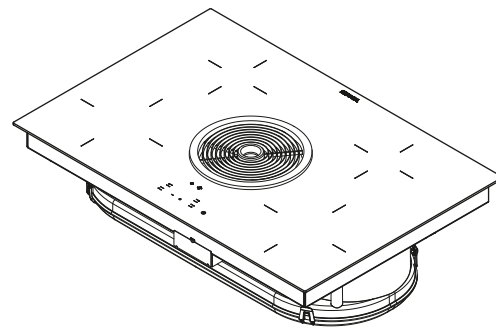
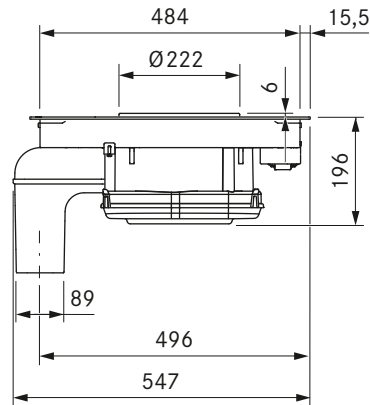
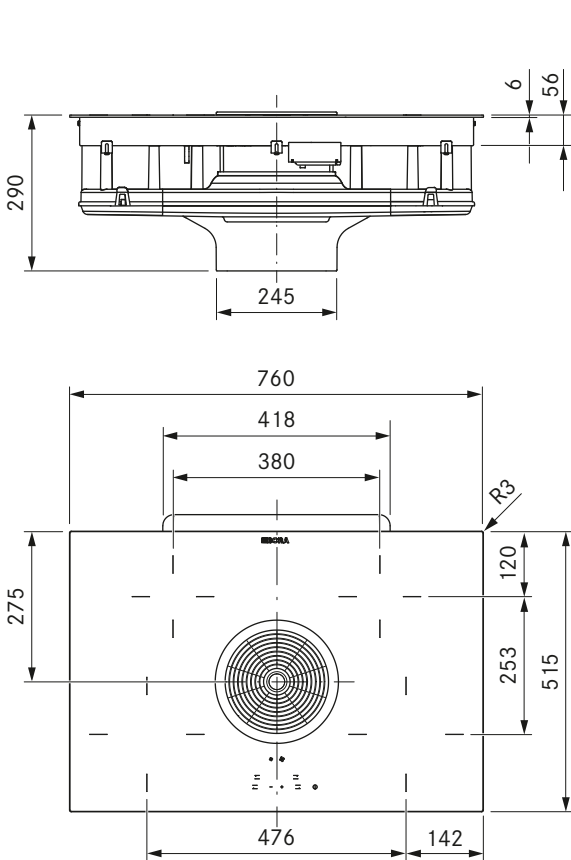
BORA side frame for cooktop depth 515mm

## USL515AB

BORA side frame for cooktop depth 515mm All Black

# BHA

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



## Technical data

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

## Product description

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

## Scope of delivery

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

## Accessories

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

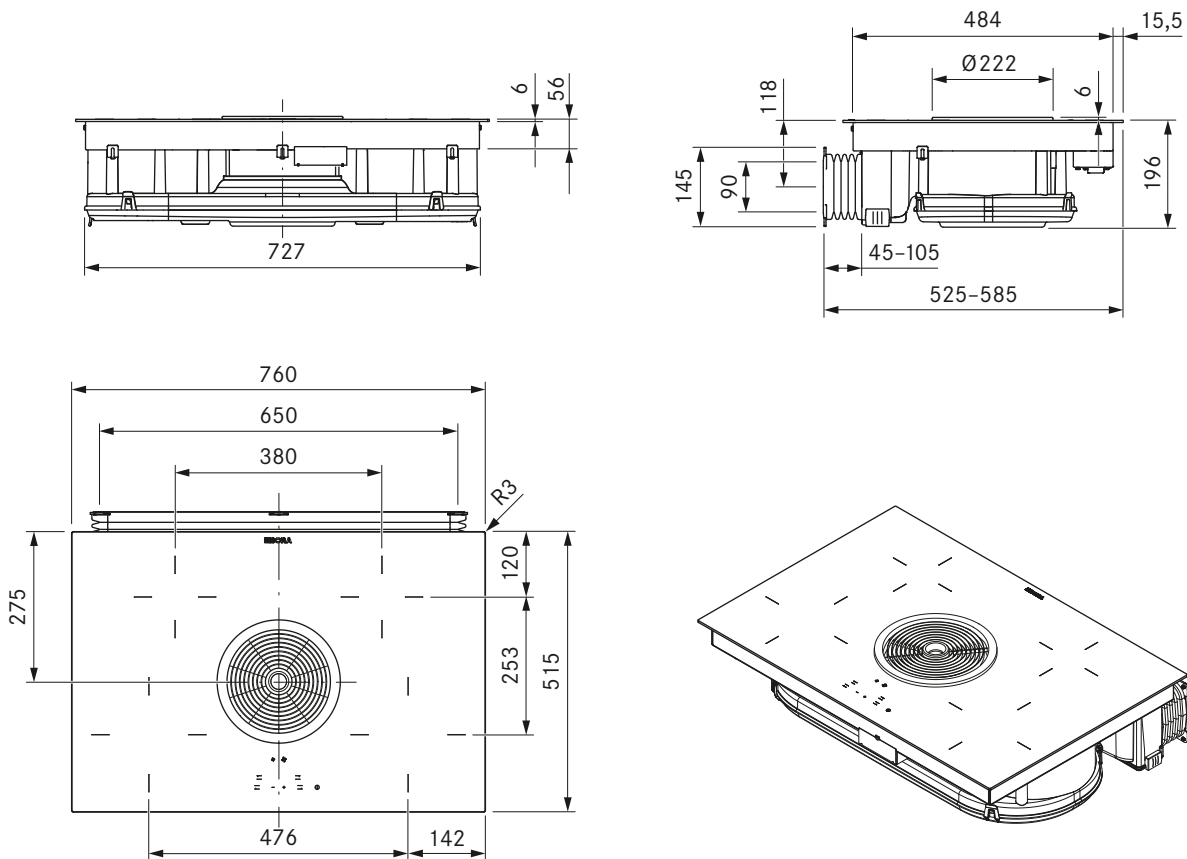
## product- and planning instructions

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



# BHU

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



## Technical data

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

## Product description

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

## Scope of delivery

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

## Accessories

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

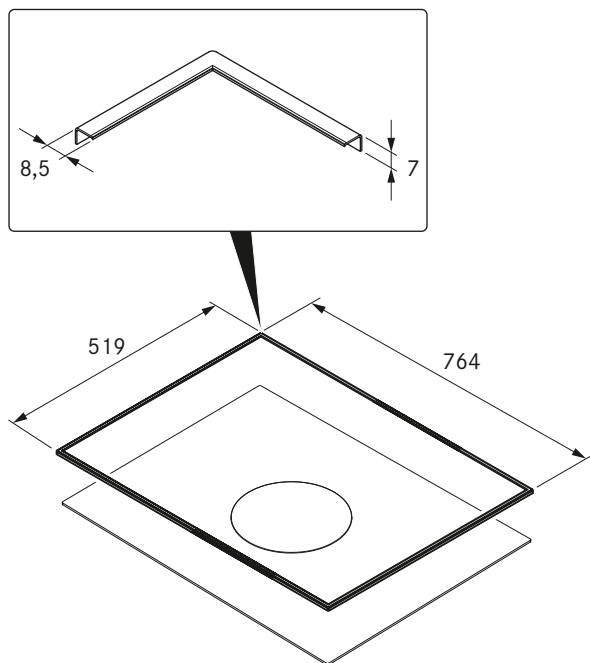
## product- and planning instructions

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

# BKR760

BORA cooktop frame for width 760mm

---



## Technical data

Dimensions (width x depth x height)	764 x 519 x 7 mm
Material thickness	0,7 mm
Material	Brushed stainless steel
Glue setting time	24 h

## Product description

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

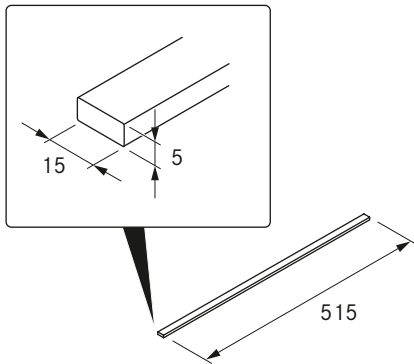
## Scope of delivery

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

# USL515 / USL515AB

BORA side frame for cooktop depth 515mm / BORA side frame for cooktop depth 515mm All Black

---



## Technical data

Dimensions (width x depth x height)	15 x 515 x 5 mm
Material	Brushed stainless steel
Glue setting time	24 h

## Product description

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

## Scope of delivery

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

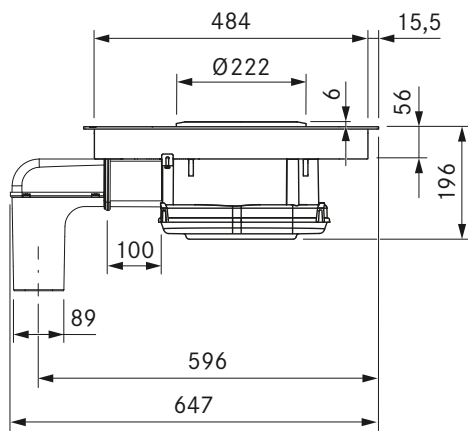
# Installation options

BORA Basic exhaust systems

---

## Installation option BHA

with horizontal exhaust air duct extension BLAVH



# Energy labelling

BORA Basic

Product information according to delegated regulation (EU) no. 65/2014 and regulation (EU) no. 66/2014.

Manufacturer Model identification	Symbol	BORA	BORA	Unit
		BHA	BHU	
<b>Energy consumption</b>				
Annual energy consumption	$AEC_{hood}$	87,5	94,2	kWh/a
Energy efficiency class	–	C	*	–
Energy efficiency index	$EEl_{hood}$	79,9	85,6	–
<b>Flow volume</b>				
Fluid dynamic efficiency	$FDE_{hood}$	15,7	13,1	–
Fluid dynamic efficiency class	–	D	*	–
Minimum air flow in normal use	–	342	*	m <sup>3</sup> /h
Maximum air flow in normal use	–	497	*	m <sup>3</sup> /h
Maximum air flow on intensive or boost setting (power setting)	$Q_{max}$	647	624	m <sup>3</sup> /h
Measured air flow rate at best efficiency point	$Q_{BEP}$	370,8	320,8	m <sup>3</sup> /h
Measured air pressure at best efficiency point	$P_{BEP}$	261	253	Pa
Measured electric power input at best efficiency point	$W_{BEP}$	171,2	172,1	W
Time increase factor	f	1,4	1,5	–
<b>Lighting</b>				
Lighting efficiency	$LE_{hood}$	*	*	lx/W
Lighting efficiency class	–	*	*	–
Nominal power of the lighting system	$W_L$	*	*	W
Average illumination of the lighting system on the cooking surface	$E_{middle}$	*	*	lx
<b>Grease filtering</b>				
Grease filtering efficiency	$GFE_{hood}$	88,5	88,5	%
Grease filtering efficiency class	–	B	*	–
<b>Noise</b>				
Airborne acoustical A-weighted sound power emissions at minimum speed available in normal use	–	55	*	dB(A) re_1pW
Airborne acoustical A-weighted sound power emissions at maximum speed available in normal use	–	64	65	dB(A) re_1pW
Airborne acoustical A-weighted sound power emissions on intensive or boost setting (power setting)	–	69	70	dB(A) re_1pW
Sound pressure level at minimum speed available in normal use**	–	43	*	LpA in dB re 20 µPa
Sound pressure level at maximum speed available in normal use**	–	51	53	LpA in dB re 20 µPa
Sound pressure level on intensive or boost setting (power setting)**	–	57	57	LpA in dB re 20 µPa
<b>Power consumption</b>				
Power consumption in off mode	$P_o$	< 0,5	< 0,5	W
Power consumption in standby mode	$P_s$	*	*	W

\* Not applicable to this product.

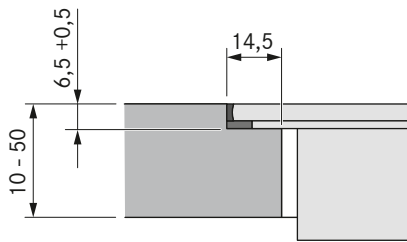
\*\* Voluntary information

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.

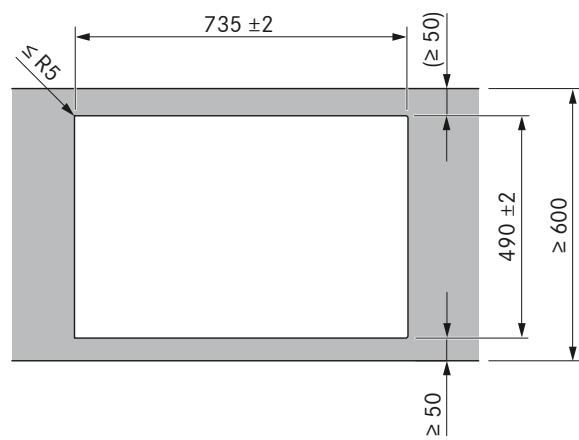
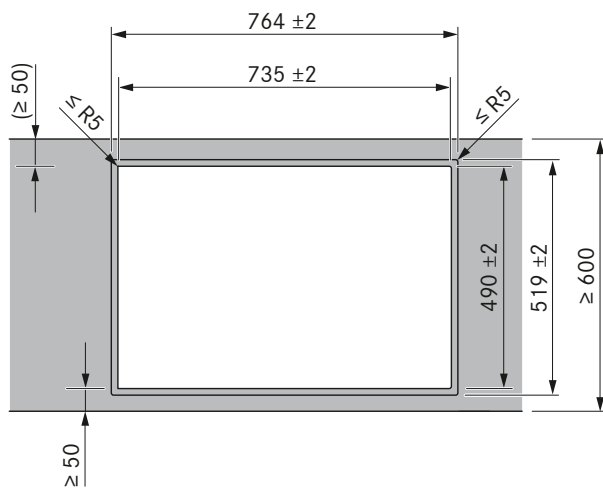
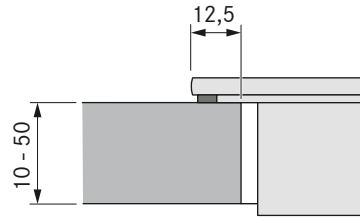
# Cut-out dimensions

BORA Basic

## Flush installation



## Surface mounting (with or without cooktop frame)



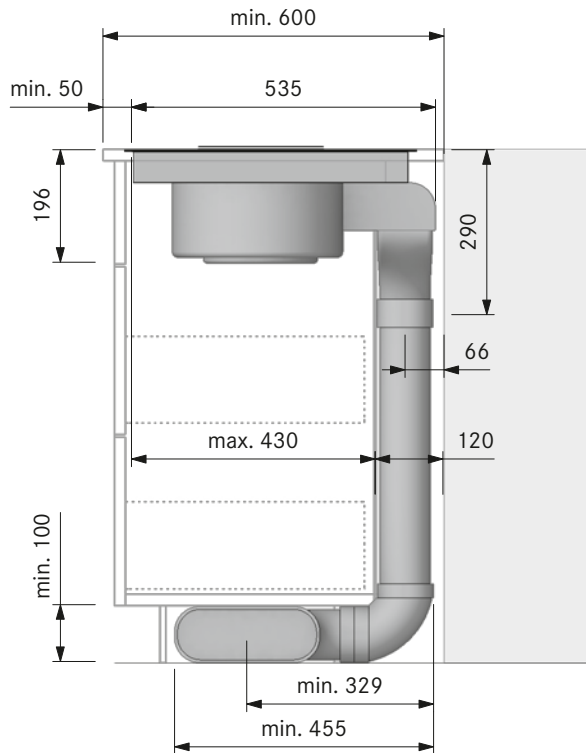
### Important planning instructions:

- The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA.
- Cut-out dimensions tolerance +/- 2 mm.
- Clearance of 2 mm should be planned around the built-in appliances.
- Please note the worktop manufacturer's instructions with regard to the suitability of the worktop. Worktop cut-outs must be moisture-sealed using suitable means or, where necessary, fitted with a thermal insulator (e.g. in the case of Corian or HiMacs worktops).

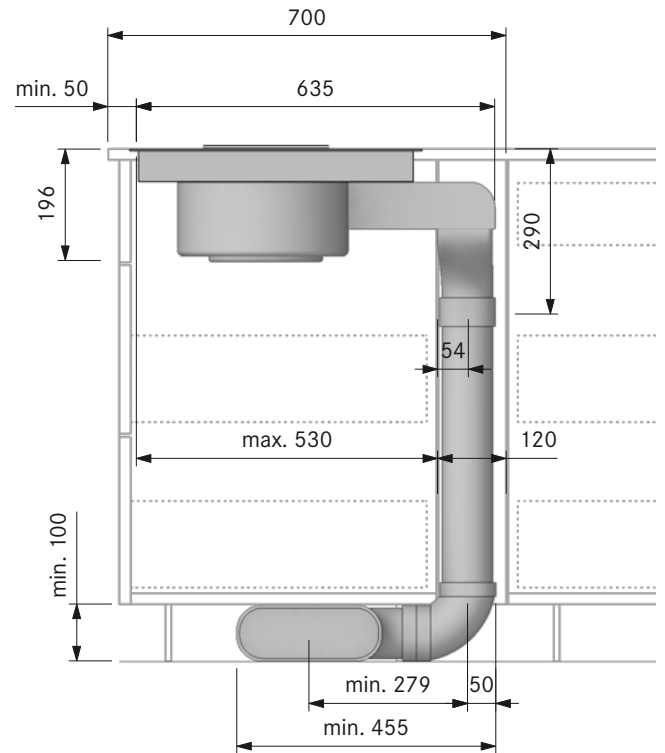
# Installation cut-outs

BORA Basic

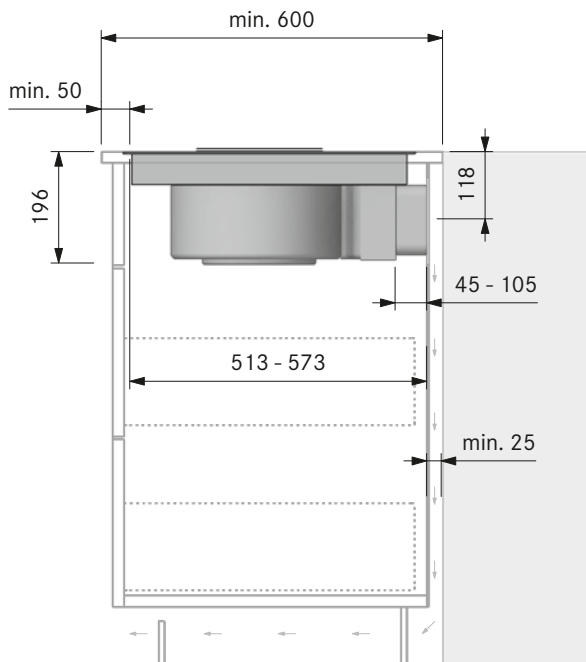
Installation cut-out Basic exhaust air (kitchen counter 600):



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



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

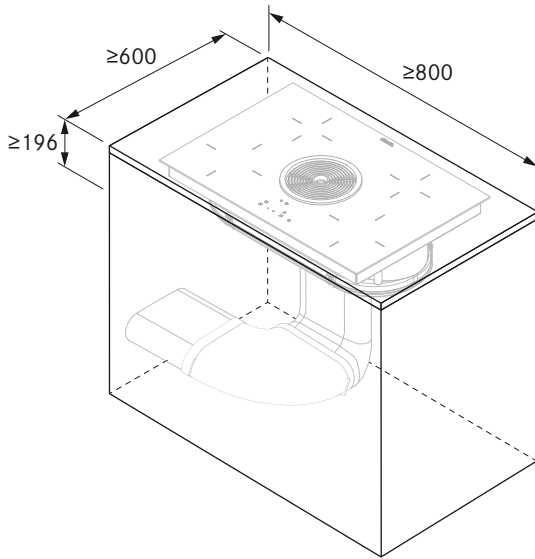


To ensure optimum extraction performance, a return flow aperture of at least 500 cm<sup>2</sup> for the air recirculation hood must be guaranteed.

# Minimum dimensions for installation

BORA Basic

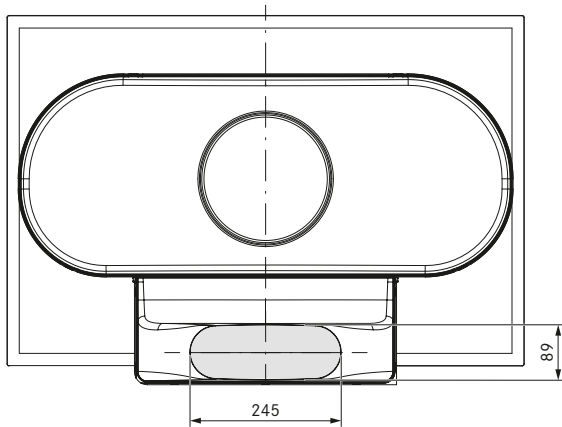
## BHA/BHU



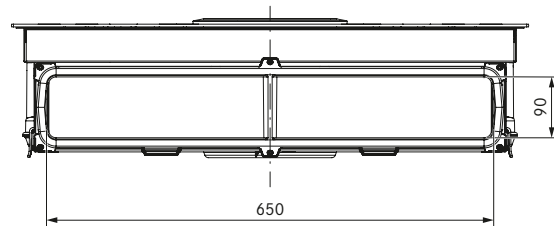
## Duct connection dimensions

BORA Basic exhaust systems

### Duct connection dimensions BHA with BORA Ecotube duct connection



### Duct connection dimensions BHU with flexible duct

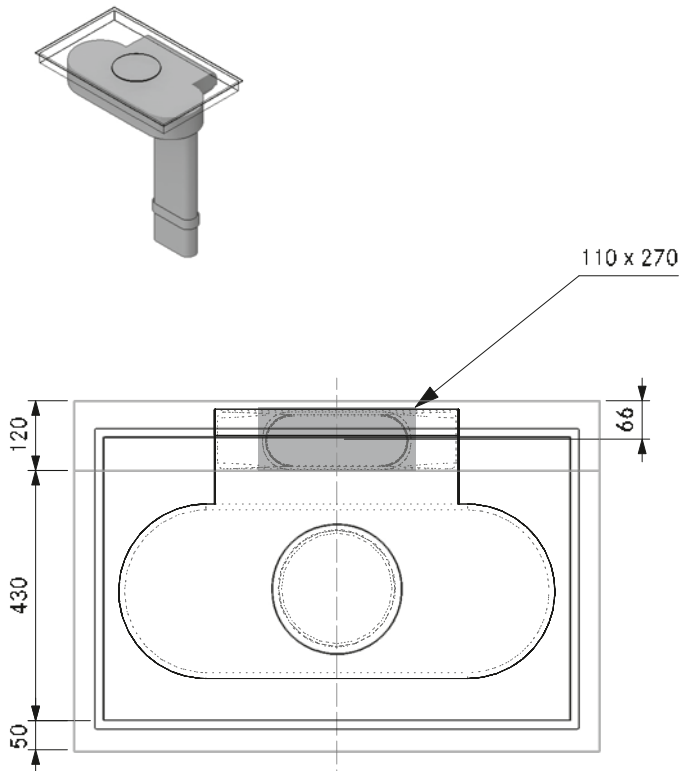




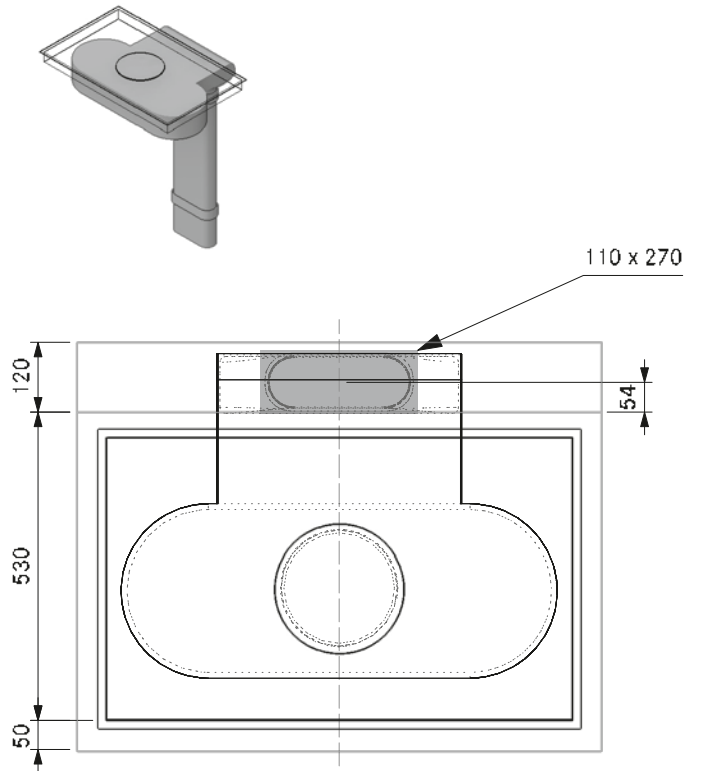
# Core bore holes

BORA Basic

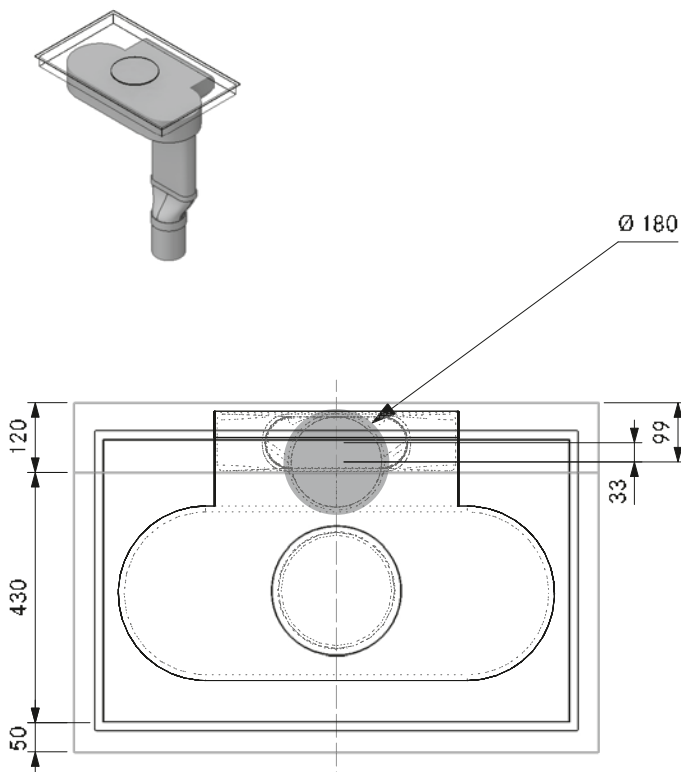
**Minimum dimensions for core bore hole  
Basic + EF750 (kitchen counter 600):**



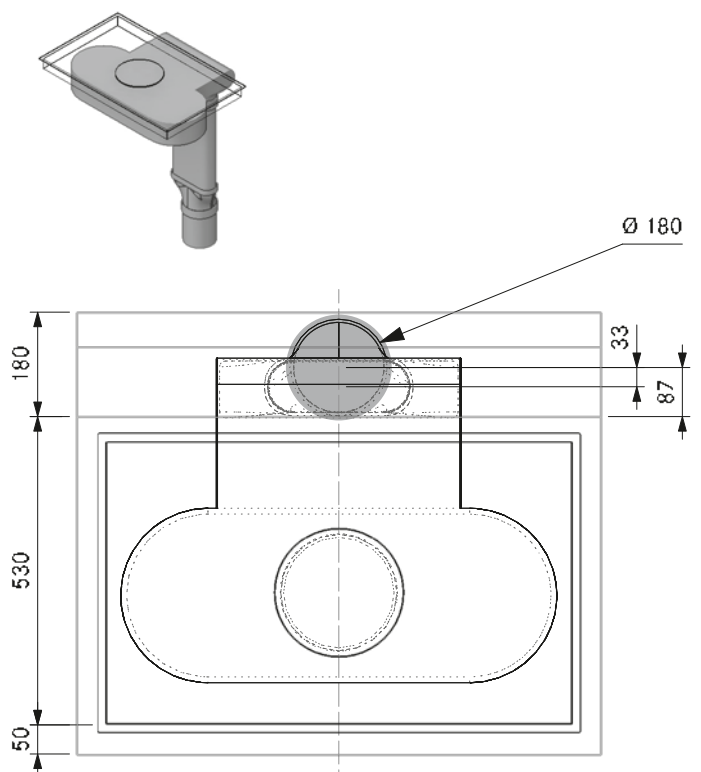
**Minimum dimensions for core bore hole  
Basic + EF750 (kitchen island 700):**



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



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

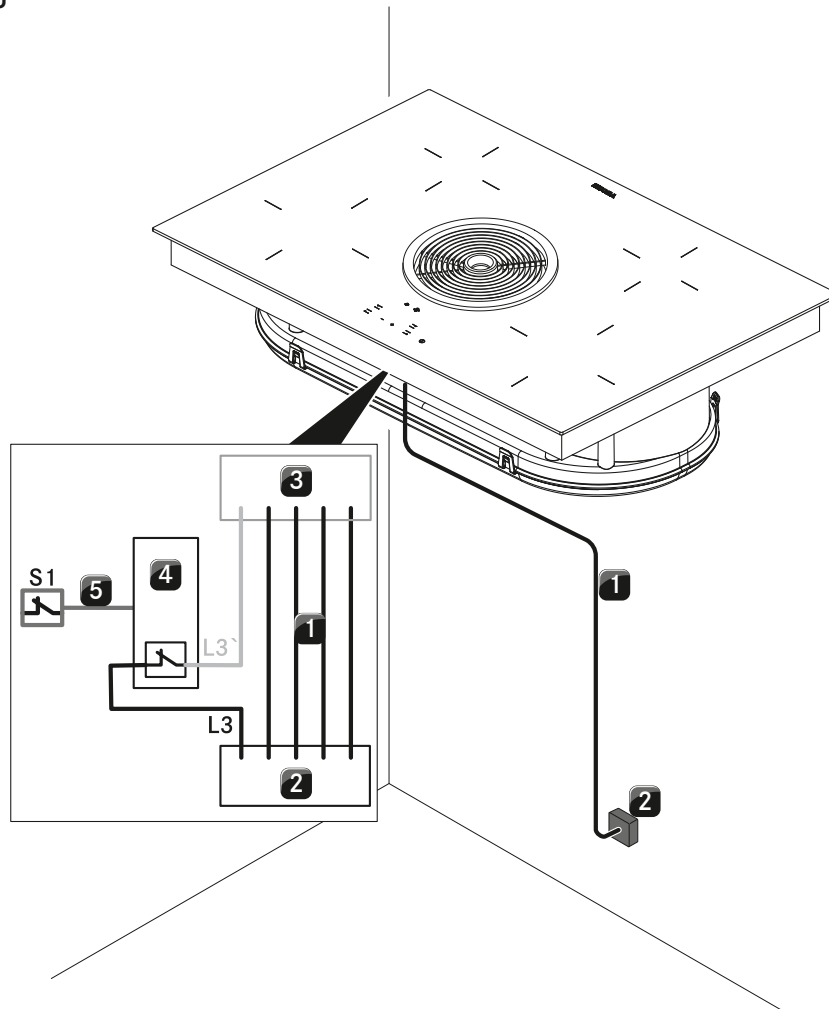


BORA BASIC

# Connection diagram

BORA Basic

## BORA Basic BHA / BHU



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

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

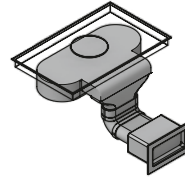
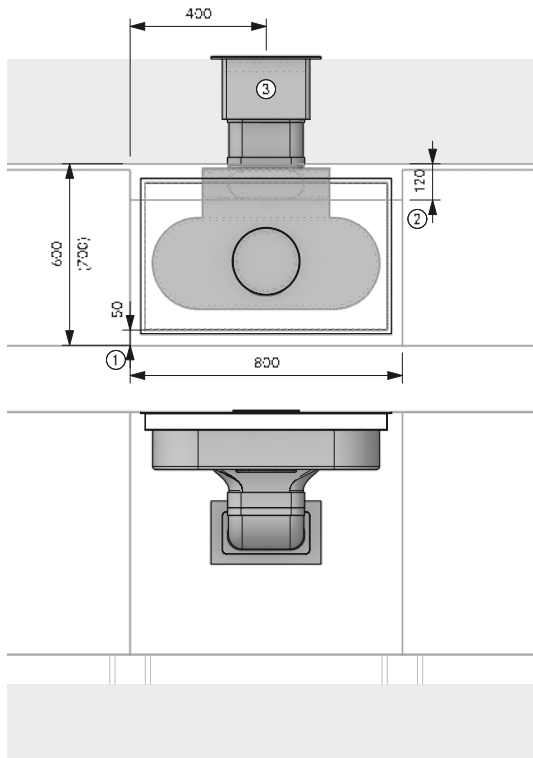
# Model plans

BORA Basic

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

## BHA – exhaust air model for kitchen units

MP\_3076 – with air flow towards the back



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Wall opening 310 x 155 mm  
71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

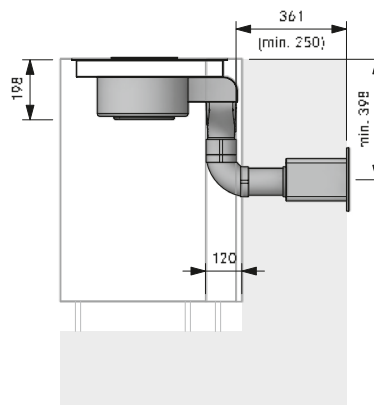
### BORA product

- 1 BHA Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Exhaust air

### BORA Ecotube product

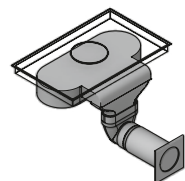
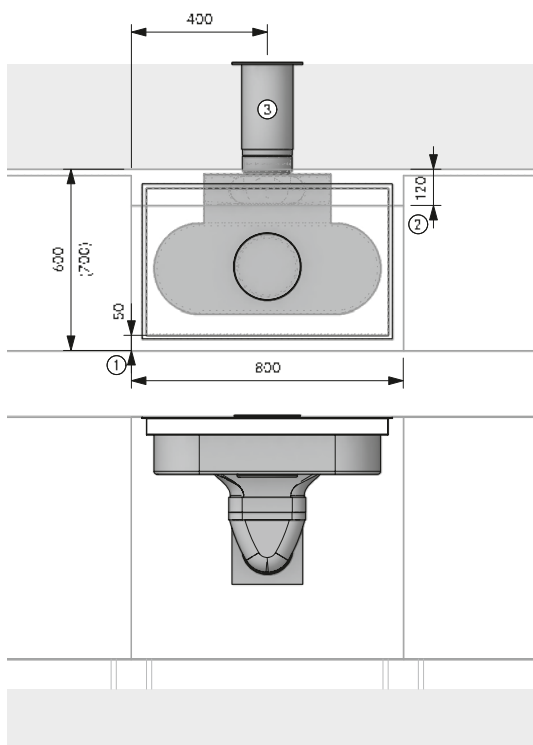
- 1 EFBV90/1 90° bend, shallow vertical
- 1 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 1 EF750/1 shallow duct 750 mm

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



## BHA – exhaust air model for kitchen units

MP\_3077 – with air flow towards the back, round



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Core bore hole at least Ø 180 mm  
Must expel air in a straight line regardless of the weather conditions

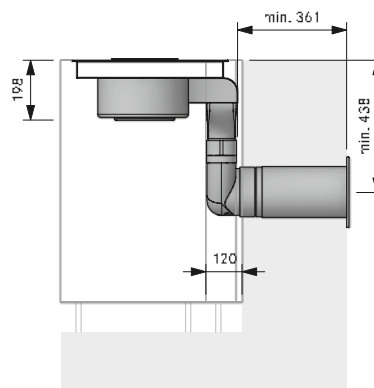
### BORA product

- 1 BHA Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Exhaust air

### BORA Ecotube product

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

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



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

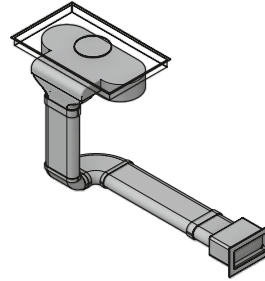
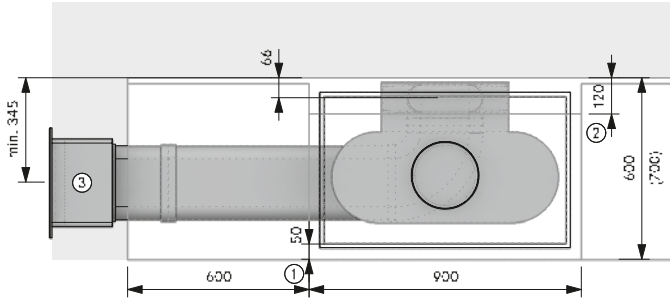
# Model plans

BORA Basic

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

## BHA – exhaust air model for kitchen units

MP\_3042 – with airflow towards the left in the plinth



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Wall opening 310 x 155 mm  
71 mm from bottom edge of opening to centre of duct. Must expel air in a straight line regardless of the weather conditions

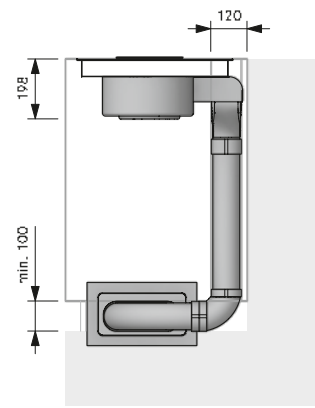
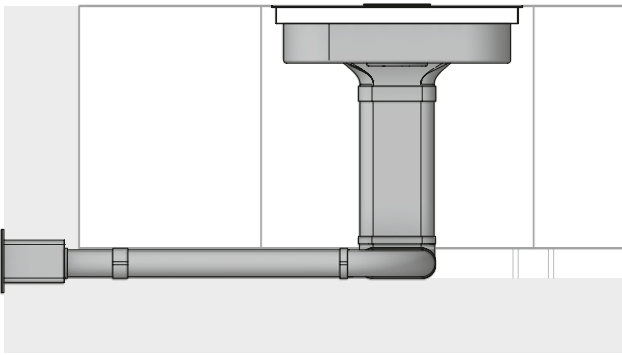
### BORA product

- 1 BHA Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Exhaust air

### BORA Ecotube product

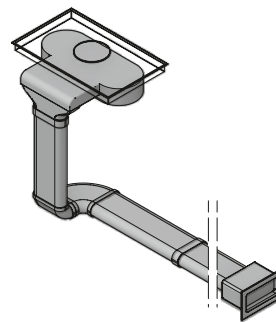
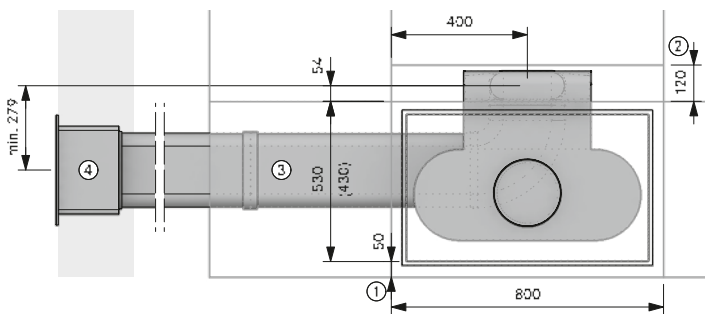
- 1 EFBH90/1 90° bend, shallow horizontal
- 1 EFBV90/1 90° bend, shallow vertical
- 2 EFV/1 duct connection, shallow
- 1 UEBF/1 3box wall sleeve
- 3 EF750/1 shallow duct 750 mm

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



## BHA – exhaust air model for kitchen islands

MP\_3024 – with airflow towards the left in the floor



### Planning instructions

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

### BORA product

- 1 BHA Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Exhaust air

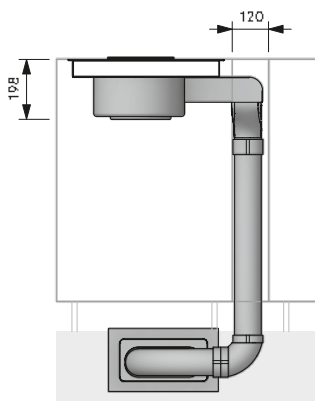
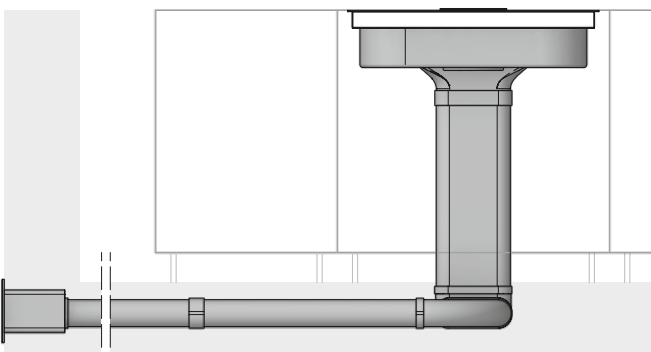
### BORA Ecotube product

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

### BORA Ecotube product according to requirements

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

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



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

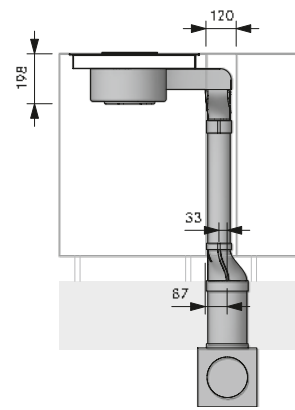
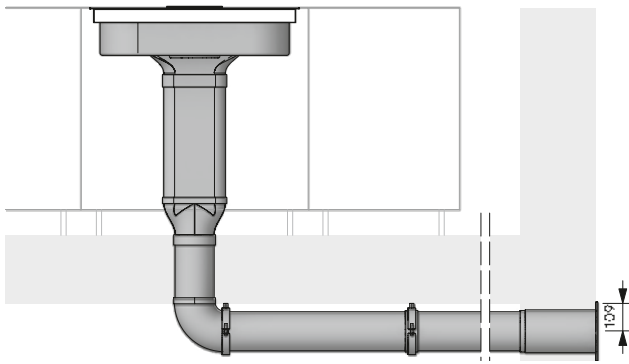
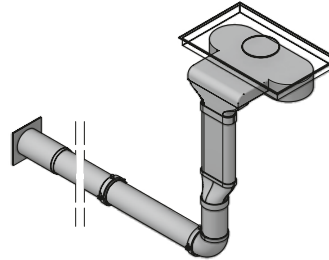
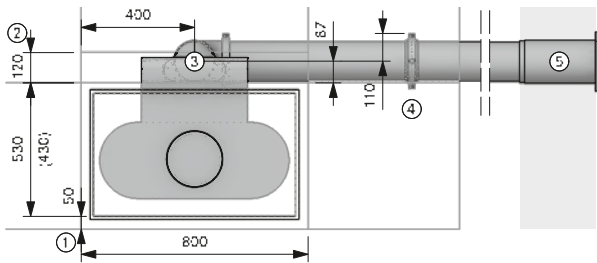
# Model plans

BORA Basic

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

## BHA – exhaust air model for kitchen islands

MP\_3078 – with airflow towards the right in the basement



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Space requirements for technology
- ③ Core bore hole at least  $\varnothing$  180 mm
- ④ One mounting bracket set per Ecotube product with moulded coupling
- ⑤ Core bore hole at least  $\varnothing$  180 mm. Must expel air in a straight line regardless of the weather conditions

### BORA product

- 1 BHA Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Exhaust air

### BORA Ecotube product

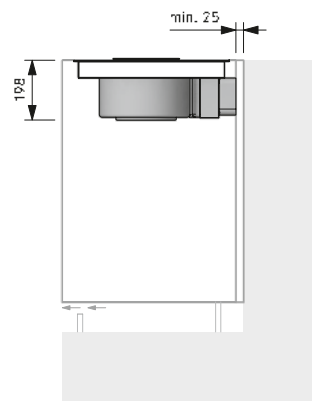
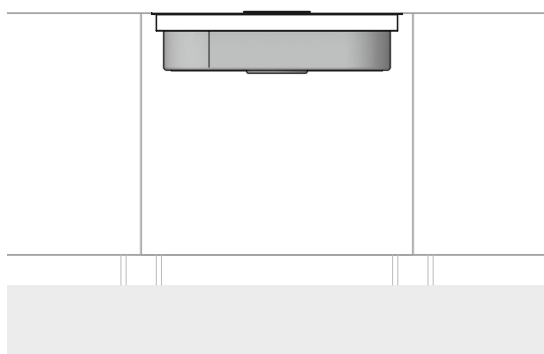
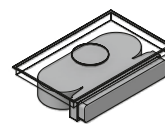
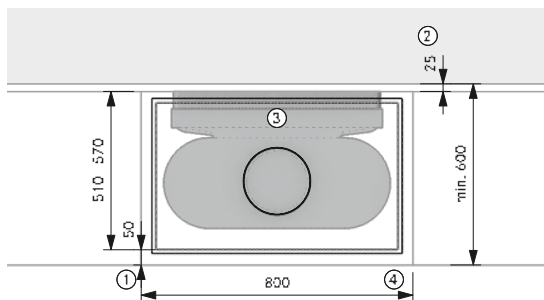
- 1 EFRG/1 transition, shallow round straight
- 1 EFV/1 duct connection, shallow
- 1 ERB90/1 90° bend, round
- 1 UEBR/1 3box wall sleeve, round
- 1 EF750/1 shallow duct 750 mm
- 1 ER750/1 round duct 750 mm

### BORA Ecotube product according to requirements

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

## BHU – recirculation model for kitchen units

MP\_3062 – with air flow towards the back



### Planning instructions

- ① At least 50 mm from front edge to cut-out. The minimum distance of 50 mm from the front edge of the worktop to the worktop cut-out is a recommendation from BORA. For the binding measurement, please contact your worktop manufacturer.
- ② Ensure that there is at least 25 mm between the back of the unit and the adjacent structure must be provided for
- ③ Access for filter change must be guaranteed
- ④ Unobstructed return flow aperture of at least 500 cm<sup>2</sup>

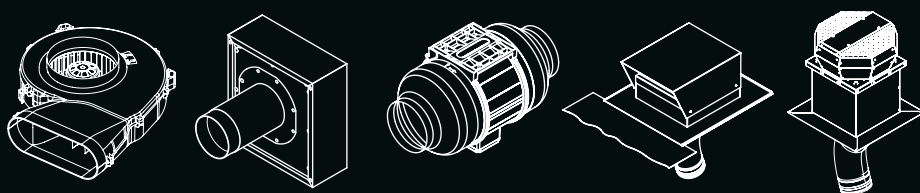
### BORA product

- 1 BHU Basic Hyper glass ceramic cooktop with integrated cooktop extractor - Recirculation

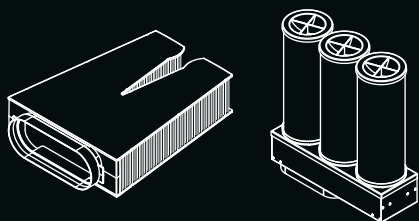
Installation may only be carried out in accordance with the applicable standards, regulations and laws.

# BORA universal articles Highlights

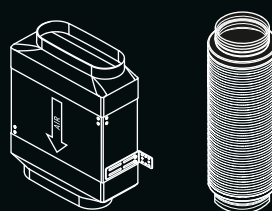
BORA fans



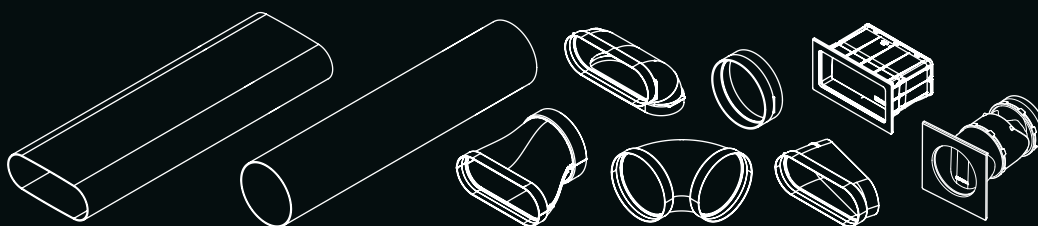
BORA air cleaning boxes



BORA silencers



BORA duct system & wall sleeve



BORA universal article accessories

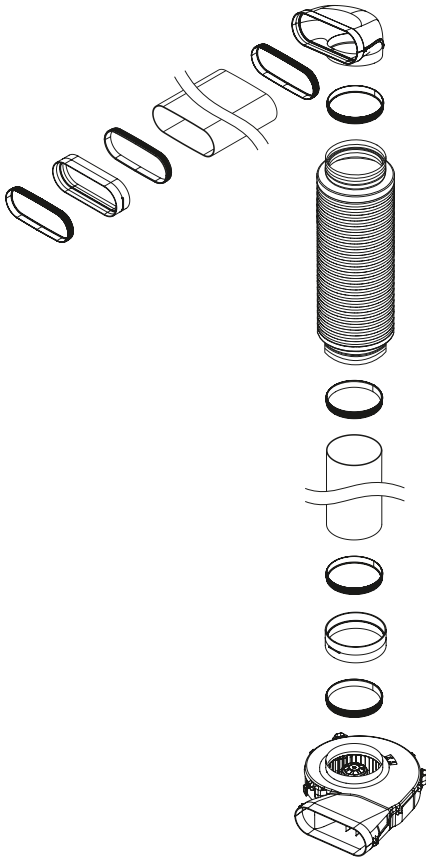


BORA merchandise



## UESDRSL

BORA universal Ecotube set with USDR50 and ULS



### Product description

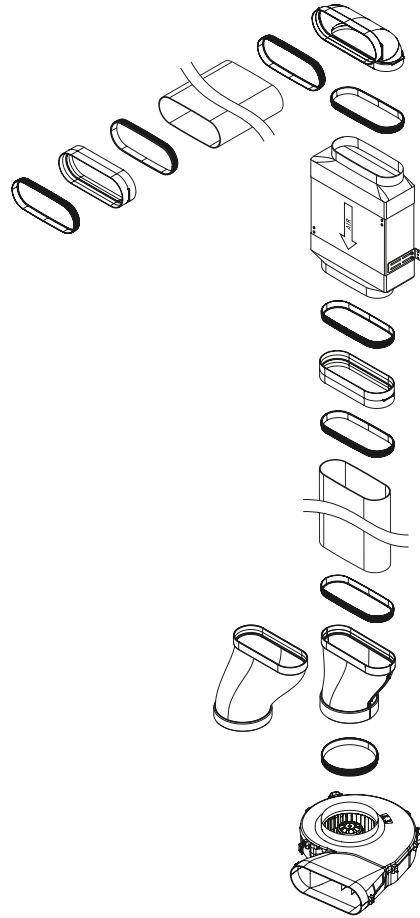
- Complete BORA system
- Integrated silencer and plinth fan
- Simple ordering
- 100% tight without additional taping
- Including required Ecotube seals

### Scope of delivery

- 1 x shallow duct connector EFV/1
- 1 x shallow duct 750mm EF750/1
- 1 x 90° transition shallow round EFR90/1
- 1 x round silencer 500mm USDR50
- 1 x round duct 750mm ER750/1
- 1 x round duct connection ERV/1
- 1 x Plinth fan ULS
- 3 x flat seal EFD/1
- 4 x round seal ERD/1

## UESDFSL

BORA universal Ecotube set with USDF and ULS



### Product description

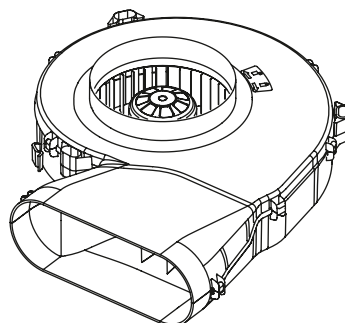
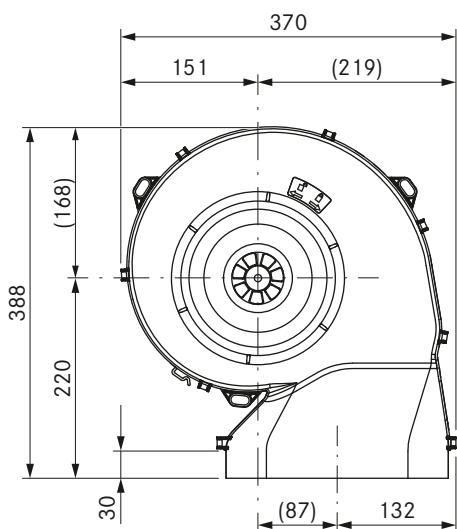
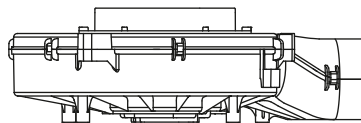
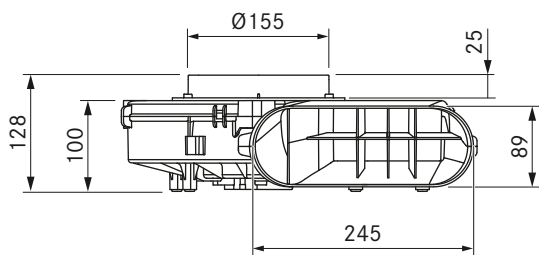
- Complete BORA system
- Integrated silencer and plinth fan
- Simple ordering
- 100% tight without additional taping
- Including required Ecotube seals

### Scope of delivery

- 2 x shallow duct connector EFV/1
- 1 x shallow duct 750mm EF750/1
- 1 x 90° bend shallow vertical EFBV90/1
- 1 x shallow silencer USDF
- 1 x transition flat round straight EFRG/1
- 1 x transition shallow round offset 110mm EFRV110/1
- 1 x Plinth fan ULS
- 7 x flat seal EFD/1
- 1 x round seal ERD/1

# ULS

## BORA plinth fan EC



### Technical data

Supply voltage	200 - 240 V
Frequency	50/60 Hz
Power consumption	170 W
Current consumption	Max. 1.4 A
Power supply cable length	0.6 m
Control line length	0.6 m
Dimensions (width x depth x height)	370 x 388 x 100 mm
Weight (incl. accessories/packaging)	2.85 kg
Casing material	Plastic
duct connection	BORA Ecotube
Maximum ambient temperature	40°C
Maximum flow volume	750 m³/h
Maximum static pressure	587 Pa

### Product description

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

### Scope of delivery

- ULS plinth fan
- installation instructions

### Accessories

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

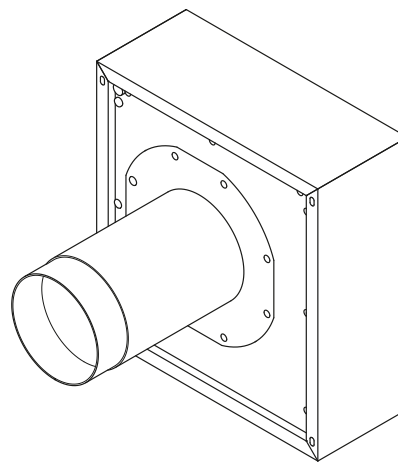
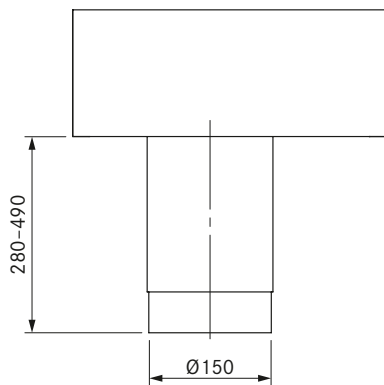
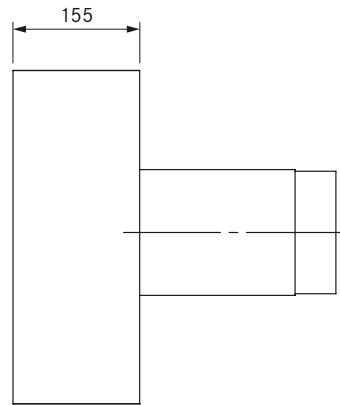
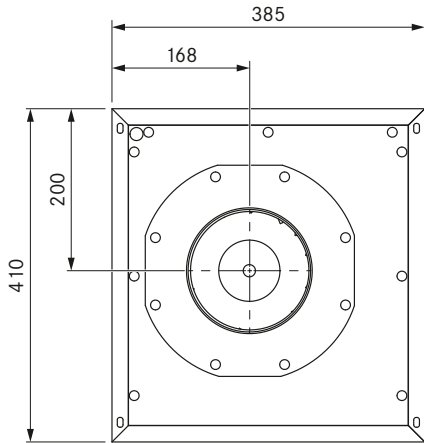
### product- and planning instructions

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



# ULA

BORA external wall fan EC



## Technical data

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

## Product description

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

## Scope of delivery

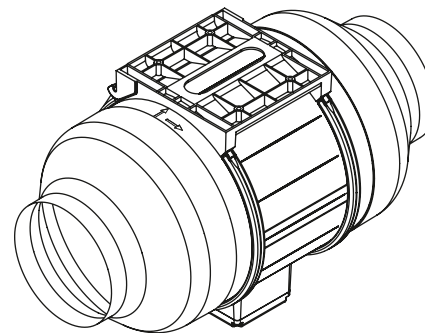
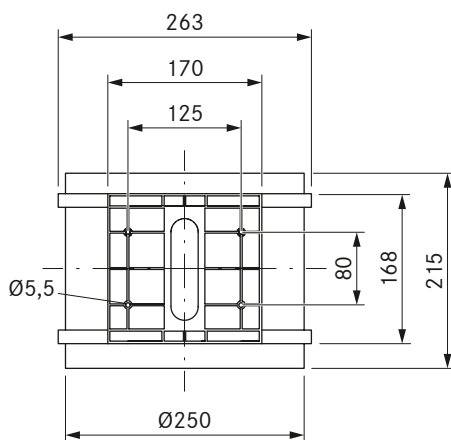
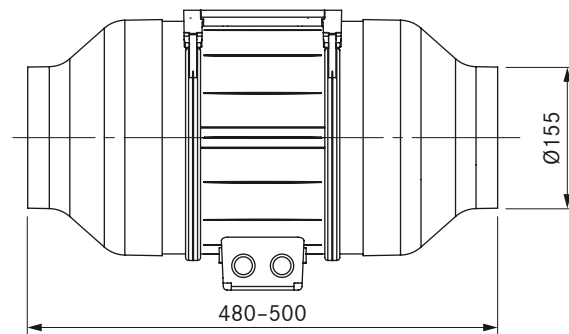
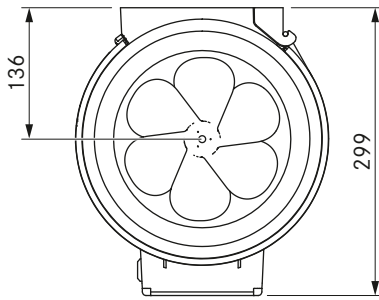
- ULA external wall fan
- Telescopic installation duct with integrated non-return valve
- Air repellent rail
- installation instructions
- Empty duct Ø 40 mm x 400 mm for cable passage
- 1,25 m EPDM sealing tape
- 4 x Ferrite sleeve

## Accessories

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

## product- and planning instructions

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



### Technical data

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

### Product description

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

### Scope of delivery

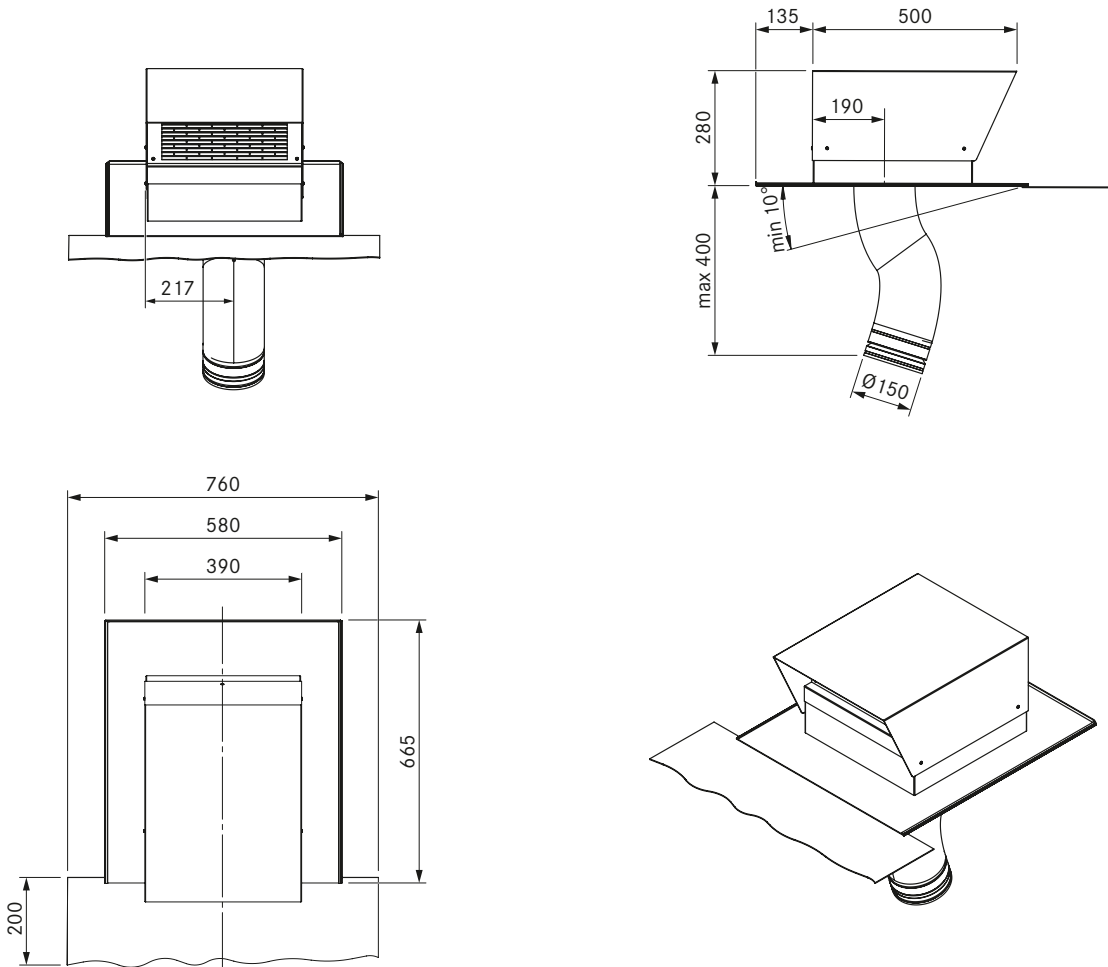
- ULI duct fan
- Duct reducer Ø 250 to 155 mm ULIRR (2 pieces)
- 2 x Ferrite sleeve
- installation instructions

### Accessories

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

### product- and planning instructions

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



### Technical data

Supply voltage	220 - 240 V
Frequency	50 Hz
Power consumption	206 W
Current consumption	1.66 A
Power supply cable length	10 m
Control line length	10 m
Dimensions (width x depth x height)	390 x 500 x 280 mm
Weight (incl. accessories/packaging)	16.5 kg
Casing material	Galvanized steel / stainless steel
duct connection	Ø 150 - 155 mm
Maximum ambient temperature	70°C
Maximum flow volume	1007 m <sup>3</sup> /h
Maximum static pressure	608 Pa

### Product description

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

### Scope of delivery

- ULZ tiled roof fan
- Fabric hose with non-return valve
- 4 x Ferrite sleeve
- installation instructions

### Accessories

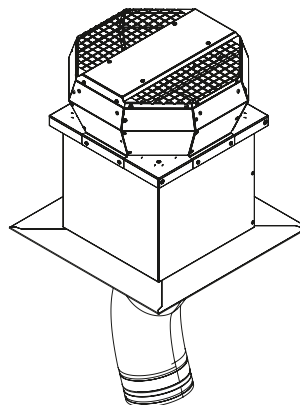
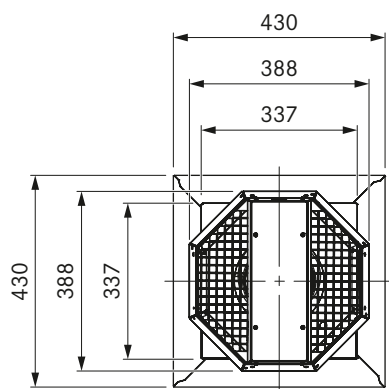
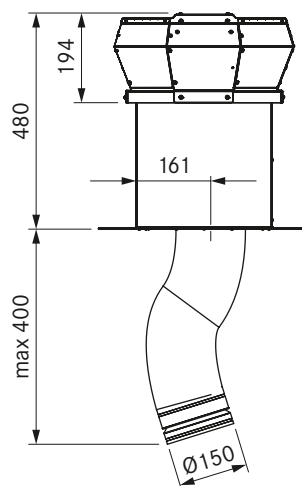
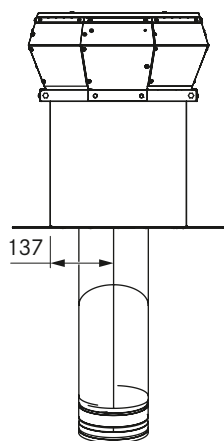
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

### product- and planning instructions

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

# 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
Power supply cable length	10 m
Control line length	10 m
Dimensions (width x depth x height)	388 x 388 x 467 mm
Weight (incl. accessories/packaging)	16.5 kg
Casing material	Galvanized steel / stainless steel
duct connection	Ø 150 - 155 mm
Maximum ambient temperature	70°C
Maximum flow volume	955 m <sup>3</sup> /h
Maximum static pressure	657 Pa

## Product description

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

## Scope of delivery

- ULF flat roof fan
- Fabric hose with non-return valve
- 4 x Ferrite sleeve
- installation instructions

## Accessories

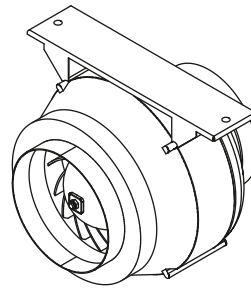
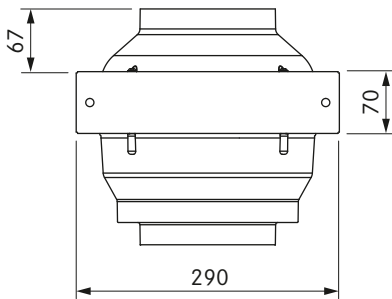
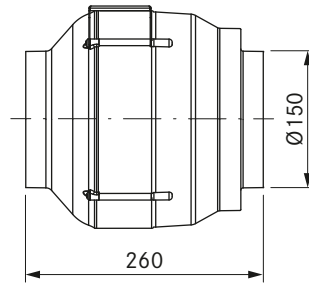
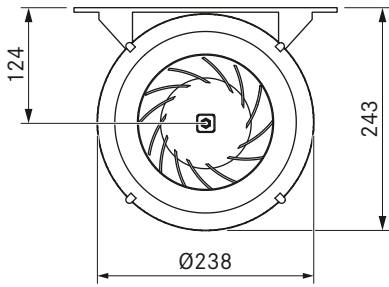
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

## product- and planning instructions

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

# ULIE

BORA additional duct fan AC



## Technical data

Supply voltage	220 – 240 V
Frequency	50 Hz
Power consumption	124 W
Current consumption	0.6 A
Power supply cable length	10 m
Dimensions (width x depth x height)	290 x 260 x 243 mm
Weight (incl. accessories/packaging)	4.5 kg
Casing material	Plastic / galvanised metal
duct connection	Ø 150 - 155 mm
Maximum ambient temperature	55°C
Maximum flow volume	749 m <sup>3</sup> /h
Maximum static pressure	400 Pa

## Product description

- Additional fan module
- Complete BORA system

## Scope of delivery

- ULIE additional duct fan
- mounting bracket
- installation instructions

## Accessories

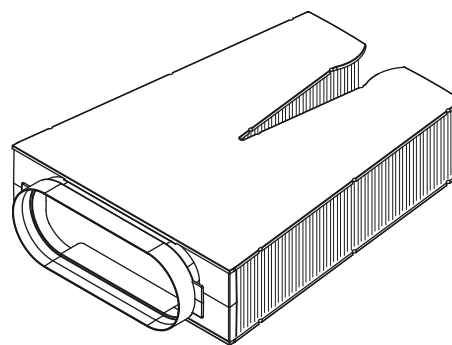
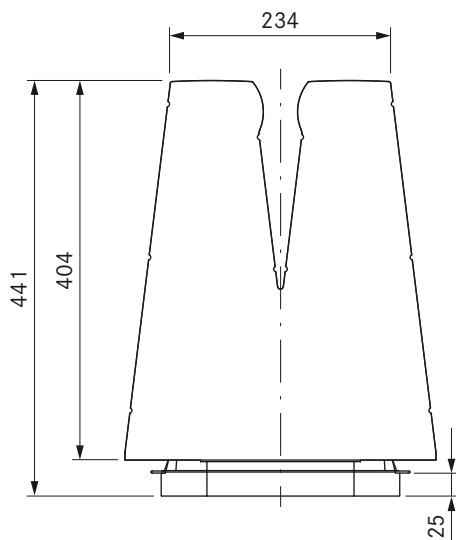
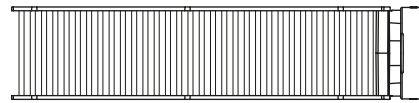
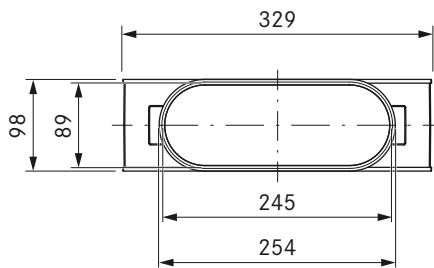
- Universal extension of UVNLE10 mains cable 10 m

## product- and planning instructions

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

# ULBF

BORA air purification box flexible



## Technical data

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

## Product description

- Suitable for Professional 3.0, Professional 2.0, Classic 2.0
- Service life approx. 300 h/1.5 years
- effective odour removal
- Flexible component
- Including required Ecotube seals
- complete system

## Scope of delivery

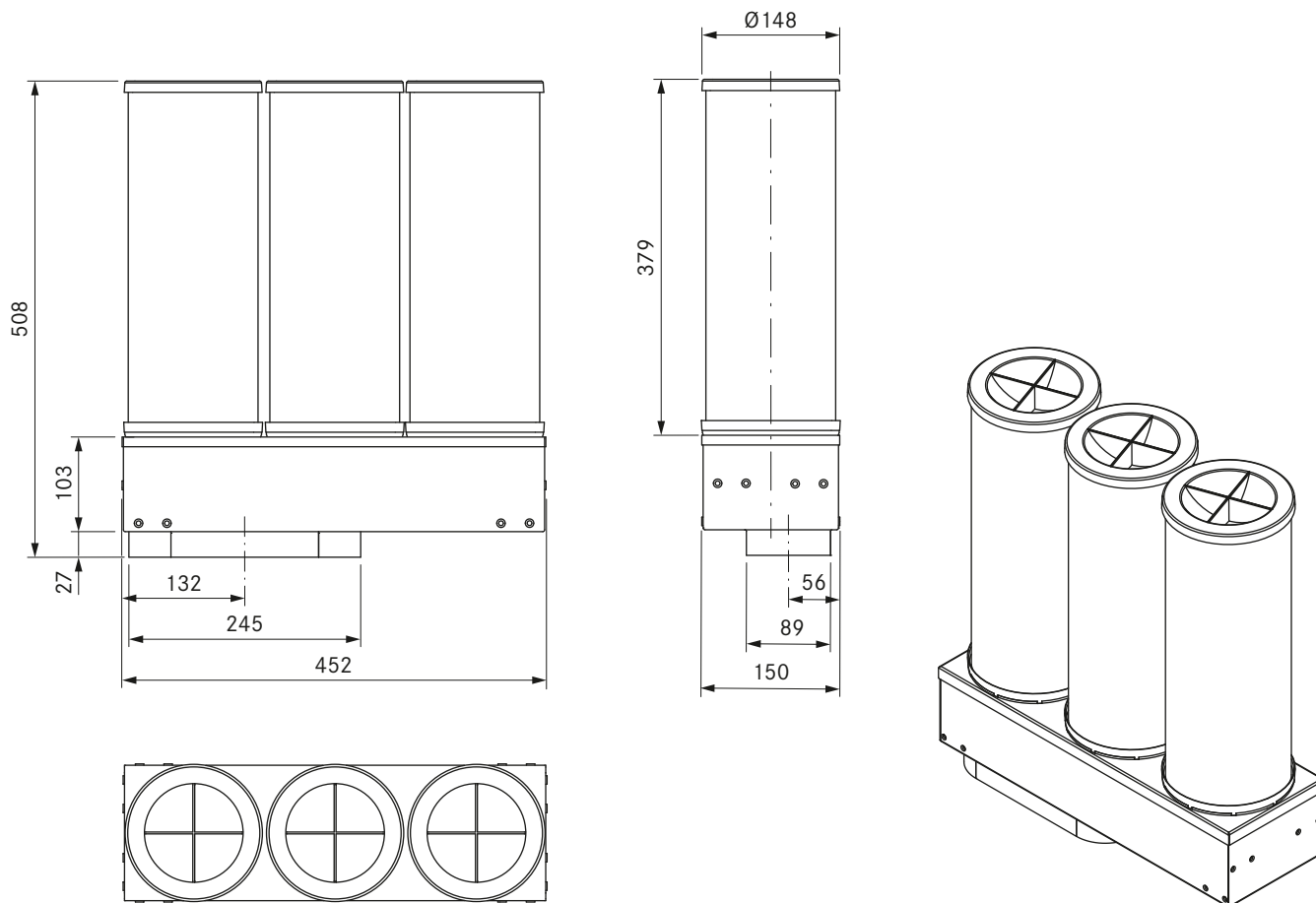
- Flexible air purification box ULBF
- 1x filter mounting bracket
- 2 x flat seal EFD
- 1 x EF47
- 1 x EFA
- 1 x UDB1
- installation instructions

## product- and planning instructions

- Clearance of at least 4 cm is required to replace the recirculation unit
- Suspended and horizontal installation options
- Moulded part with a shallow sleeve form
- Access for maintenance must be considered during planning
- Ensure minimum return flow aperture of 500 cm<sup>2</sup> (e.g. shortened plinth plate or slatted plinth)

# ULB3X

BORA air purification box 3



## Technical data

Dimensions (width x depth x height)	452 x 150 x 508 mm
Weight (incl. accessories/packaging)	ca. 6,5 kg
Casing material	Galvanised steel
duct connection	BORA Ecotube
Filter material	Granular activated charcoal
Activated charcoal granulate volume	ca. 3 kg
Maximum filter service life	600 h (3 years)

## Product description

- Suitable for Professional 3.0, Professional 2.0, Classic 2.0
- Service life approx. 600 h/3 years
- effective odour removal
- Diverse installation options
- Complete BORA system

## Scope of delivery

- 3 x activated charcoal filter cartridges
- Housing plinth
- Fixing screw set
- 2 x angle brackets
- installation instructions

## Accessories

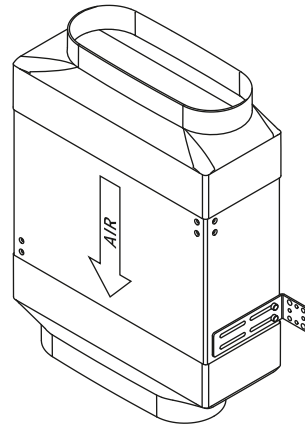
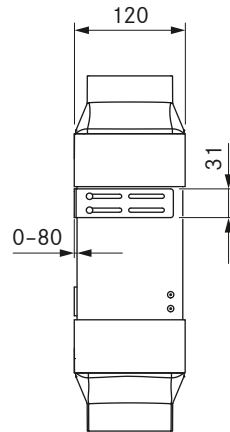
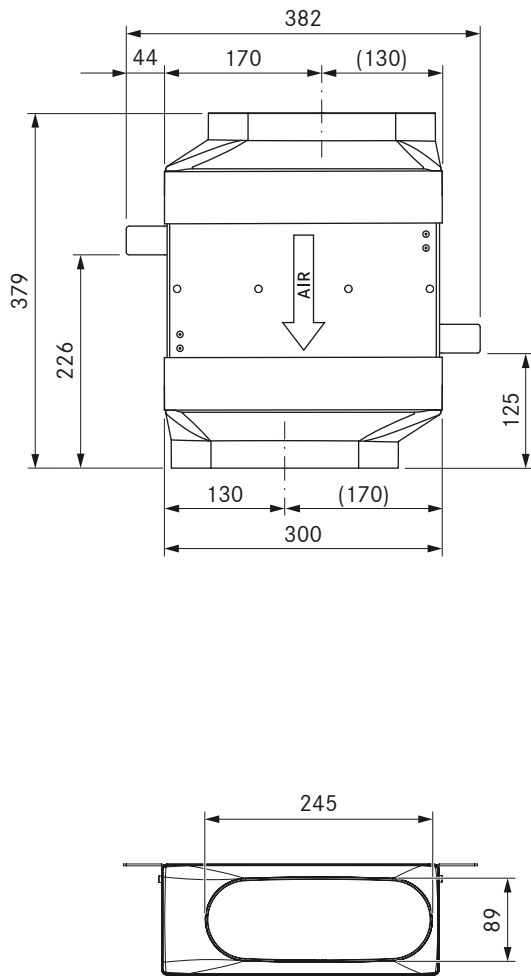
- replacement activated charcoal filter set ULB3AS

## product- and planning instructions

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

# USDF

BORA shallow silencer



## Technical data

Dimensions (width x depth x height)	300 x 120 x 379 mm
Weight (incl. accessories/packaging)	Approx. 7.5 kg
Casing material	Galvanised steel/plastic
duct connection	BORA Ecotube

## Product description

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

## Scope of delivery

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

## product- and planning instructions

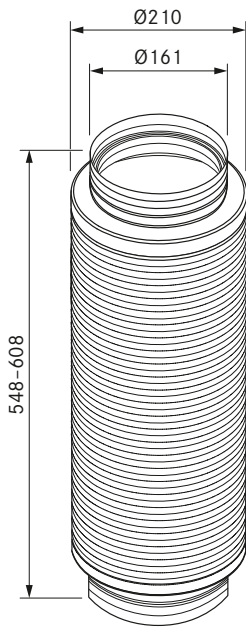
- It is not possible to shorten the length of the silencer



# USDR50

BORA duct sound absorber 500mm incl. sealing material

---



## Technical data

Dimensions (diameter)	Ø 210 x 548 - 608 mm
Weight	0.75 kg
Casing material	Aluminium
duct connection	BORA Ecotube

## Product description

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

## Scope of delivery

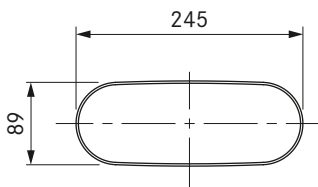
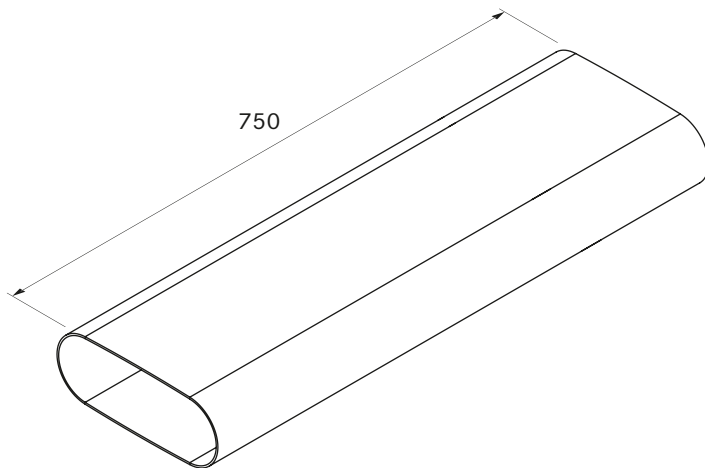
- Round silencer USDR50
- 2 x round seal ERD

## product- and planning instructions

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

## EF750/1

BORA Ecotube shallow duct 750mm



### Technical data

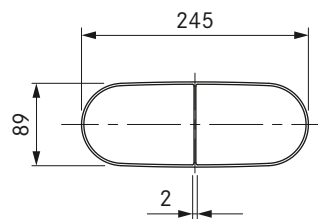
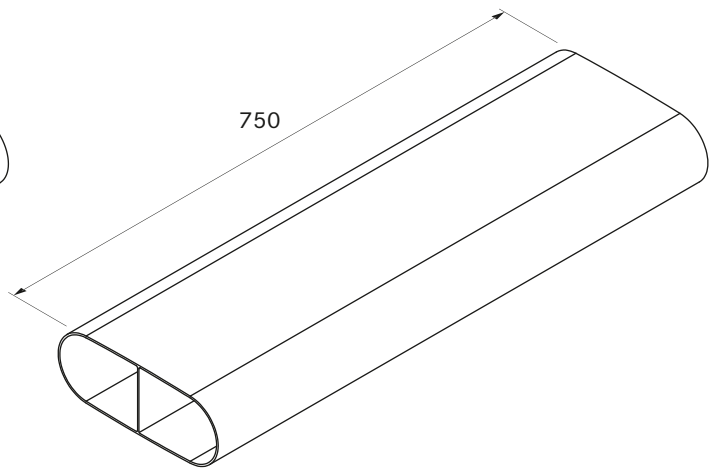
Dimensions (width x depth x height)	245 x 750 x 89 mm
Weight	1.6 kg
Material property	B1 according to DIN 4102-1

### Product description

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

## EFS750/1

BORA Ecotube shallow duct with a bar 750mm



### Technical data

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

### Product description

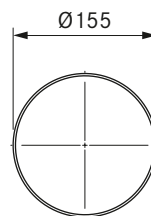
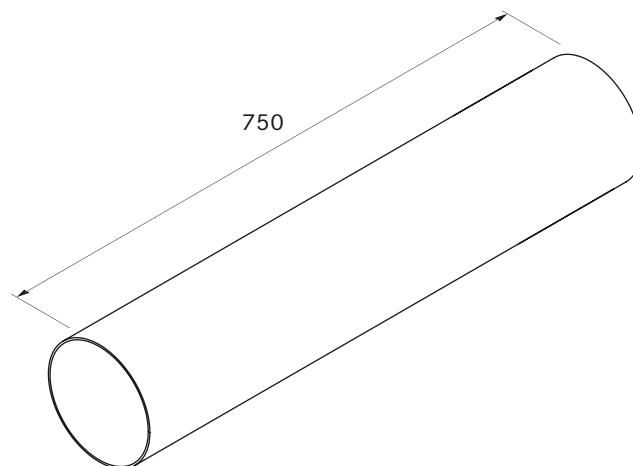
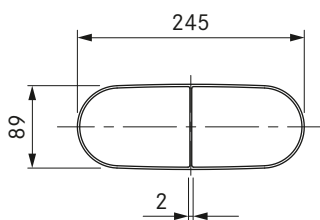
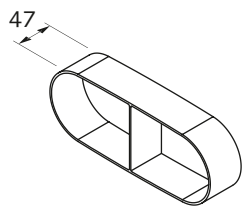
- Especially suited for installation in the floor structure
- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Individually shortenable
- Polished inner walls and oval cross section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

## EF47/1

BORA Ecotube shallow duct 47mm

## ER750/1

BORA Ecotube round duct, 750mm



### Technical data

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

### Product description

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

### product- and planning instructions

- Shallow duct for direct connection of two shallow Ecotube sockets

### Technical data

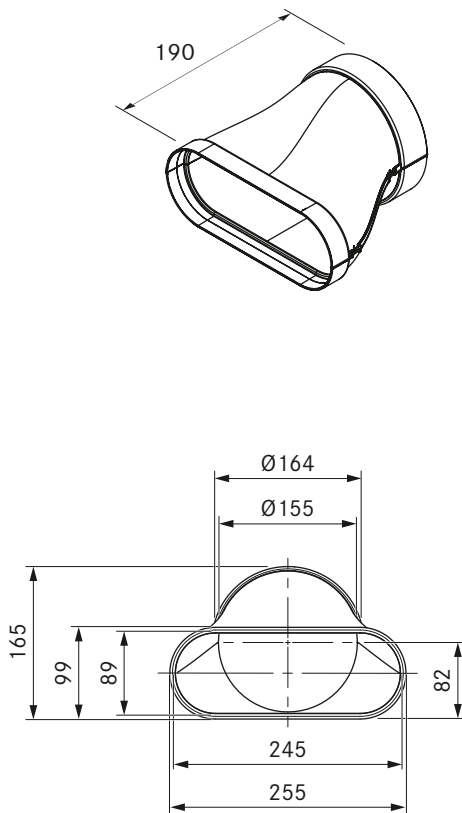
Dimensions (diameter)	Ø 155 x 750 mm
Weight	1.6 kg
Material property	B1 according to DIN 4102-1

### Product description

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

## EFRG/1

BORA Ecotube bridge flat round straight incl. sealing material



### Technical data

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

### Product description

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

### Scope of delivery

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

### Accessories

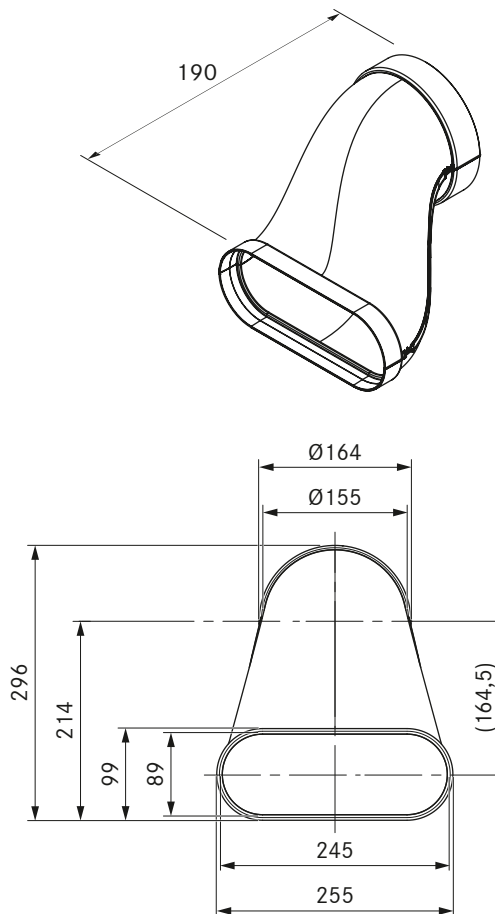
- EFMS/ERMS mounting bracket set

### product- and planning instructions

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

## EFRV/1

BORA Ecotube bridge flat round offset incl. sealing material



### Technical data

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

### Product description

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

### Scope of delivery

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

### Accessories

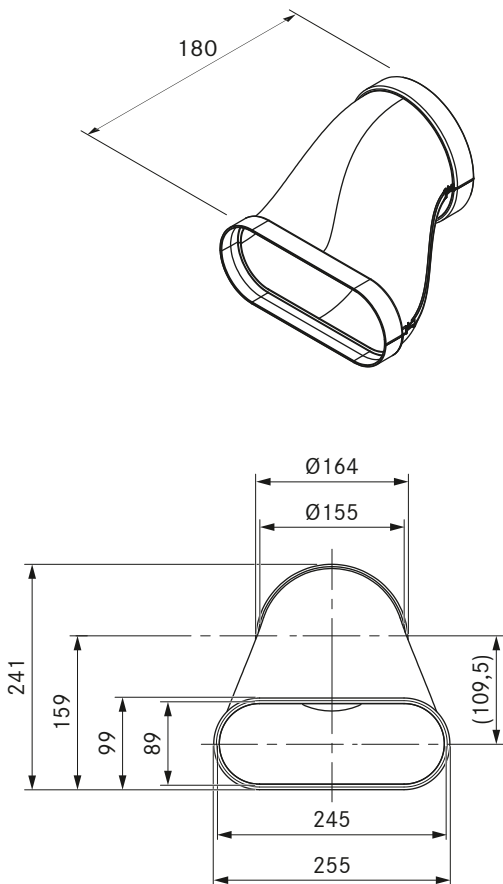
- EFMS/ERMS mounting bracket set

### product- and planning instructions

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

## EFRV110/1

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



### Technical data

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

### Product description

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

### Scope of delivery

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

### Accessories

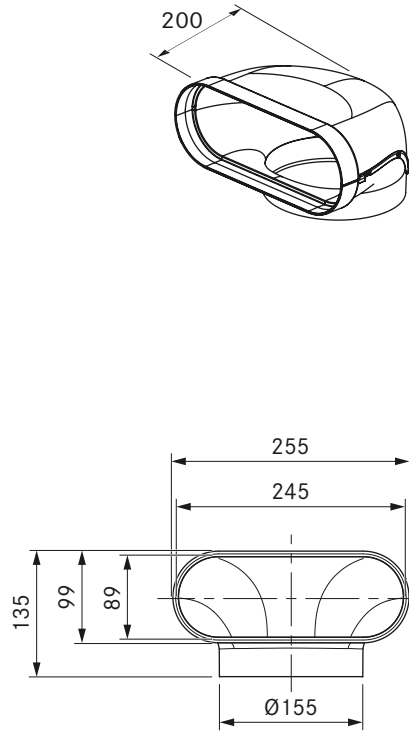
- EFMS/ERMS mounting bracket set

### product- and planning instructions

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

## EFR90/1

BORA Ecotube bridge 90° flat round incl. sealing material



### Technical data

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

### Product description

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

### Scope of delivery

- 1 x flat seal EFD

### Accessories

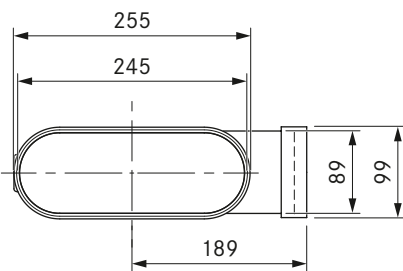
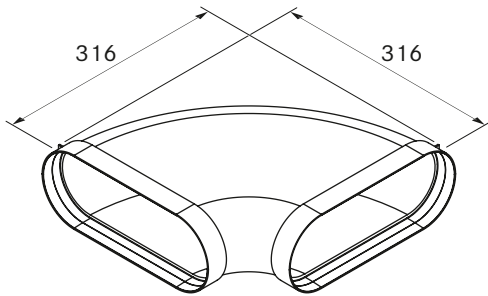
- EFMS mounting bracket set

### product- and planning instructions

- Moulded part with a shallow sleeve form

## EFBH90/1

BORA Ecotube bend 90° flat horizontal incl. sealing material



### Technical data

Dimensions (width x depth x height)	316 x 316 x 99 mm
Weight	0.75 kg
Material property	B1 according to DIN 4102-1

### Product description

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

### Scope of delivery

- 2 x flat seal EFD

### Accessories

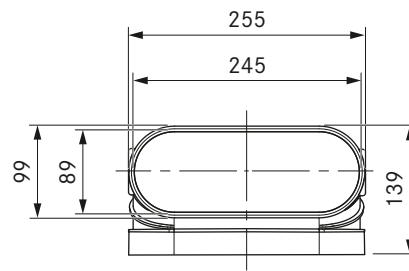
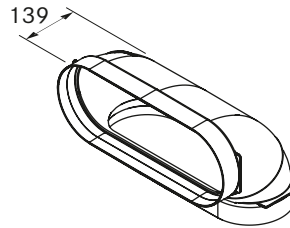
- EFMS mounting bracket set

### product- and planning instructions

- Moulded part with two shallow sleeve forms

## EFBV90/1

BORA Ecotube bend 90° flat vertical incl. sealing material



### Technical data

Dimensions (width x depth x height)	255 x 139 x 139 mm
Weight	0.35 kg
Material property	B1 according to DIN 4102-1

### Product description

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

### Scope of delivery

- 2 x flat seal EFD

### Accessories

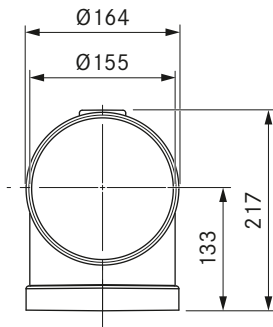
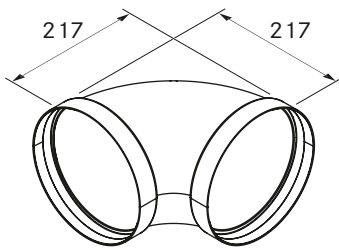
- EFMS mounting bracket set

### product- and planning instructions

- Moulded part with two shallow sleeve forms

# ERB90/1

BORA Ecotube bend 90° round incl. sealing material



## Technical data

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

## Product description

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

## Scope of delivery

- 2 x round seal ERD

## Accessories

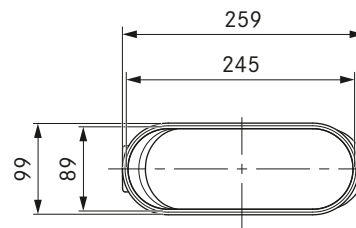
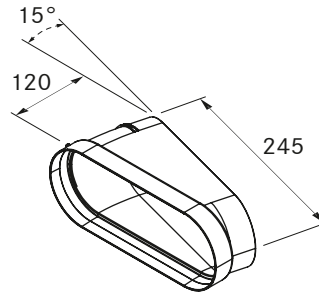
- ERMS mounting bracket set

## product- and planning instructions

- Moulded part with two round sleeve forms

# EFBH15/1

BORA Ecotube bend 15° flat horizontal incl. sealing material



## Technical data

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

## Product description

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

## Scope of delivery

- 1 x flat seal EFD

## Accessories

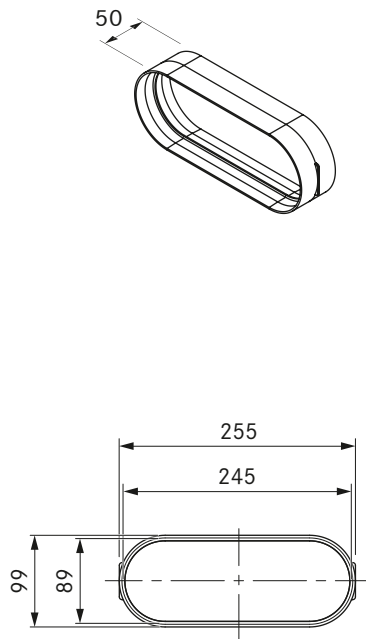
- EFMS mounting bracket set

## product- and planning instructions

- Moulded part with a shallow sleeve form

## EFV/1

BORA Ecotube duct connection flat incl. sealing material



### Technical data

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

### Product description

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

### Scope of delivery

- 2 x flat seal EFD

### Accessories

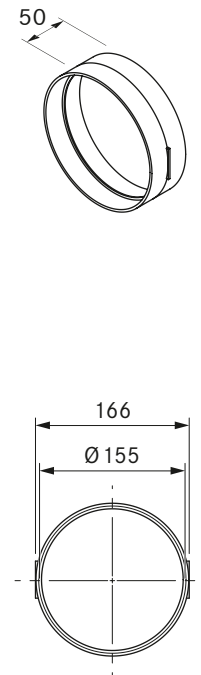
- EFMS mounting bracket set

### product- and planning instructions

- Moulded part with two shallow sleeve forms

## ERV/1

BORA Ecotube duct connection round incl. sealing material



### Technical data

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

### Product description

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

### Scope of delivery

- 2 x round seal ERD

### Accessories

- ERMS mounting bracket set

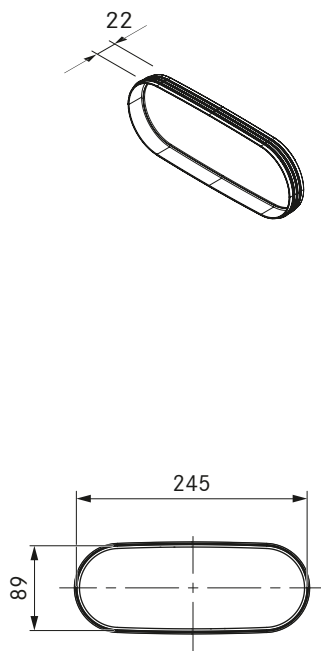
### product- and planning instructions

- Moulded part with two round sleeve forms



## EFD/1

BORA Ecotube flat seal



### Technical data

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

### Product description

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

### product- and planning instructions

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

## ERD/1

BORA Ecotube round seal



### Technical data

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

### Product description

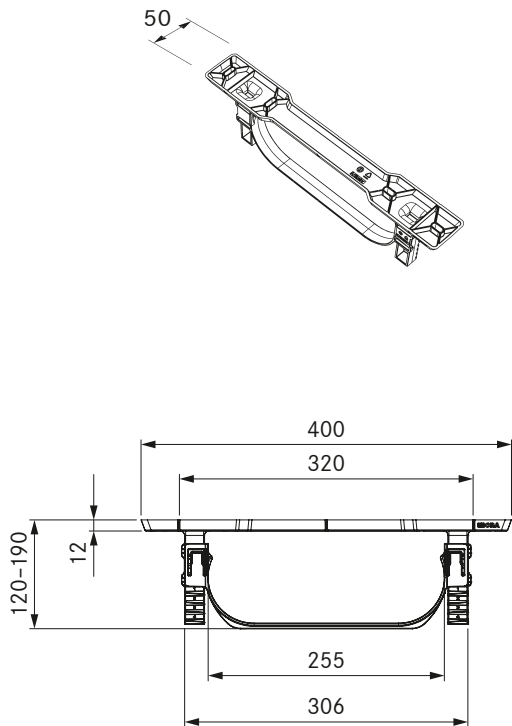
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Complete BORA system

### product- and planning instructions

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

## EFMS/1

BORA Ecotube installation kit flat



### Technical data

Dimensions (width x depth x height)	400 x 50 x 120 - 190 mm
Weight	0.15 kg

### Product description

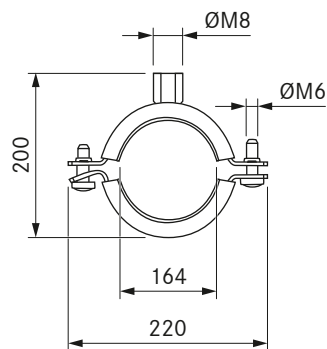
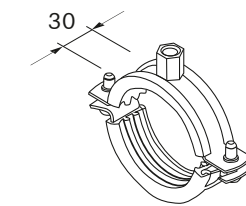
- own duct system
- Material class B1
- Complete BORA system

### product- and planning instructions

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

## ERMS/1

BORA Ecotube installation set round



### Technical data

Dimensions (width x depth x height)	220 x 30 x 200 mm
Weight	0.45 kg

### Product description

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

### Scope of delivery

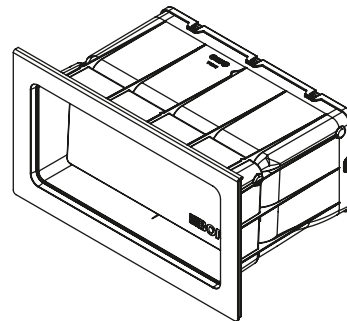
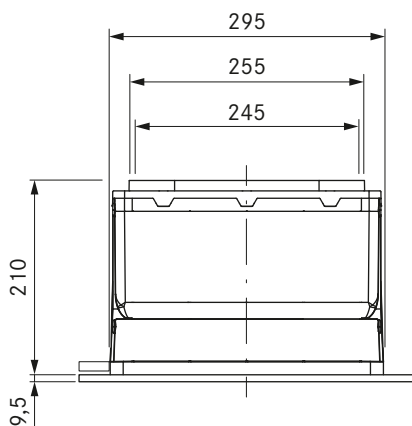
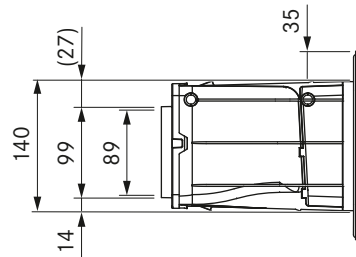
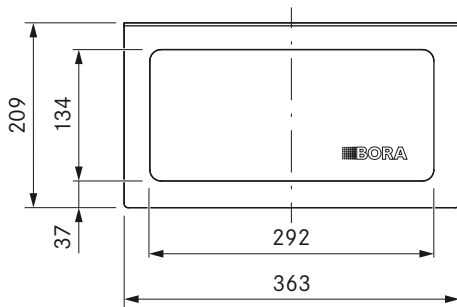
- Pipe clip
- M8 hanger bolt
- Corresponding dowel

### product- and planning instructions

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

# UEBF/1

BORA 3box wall sleeve incl. sealing material



## Technical data

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

## Product description

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

## Scope of delivery

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

## Accessories

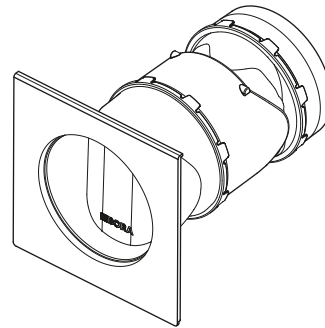
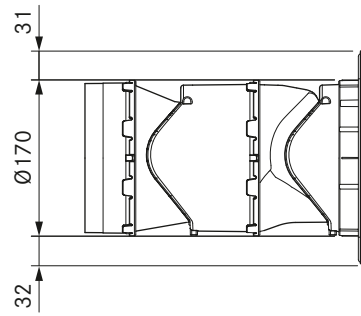
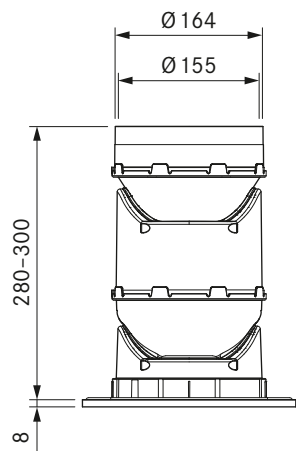
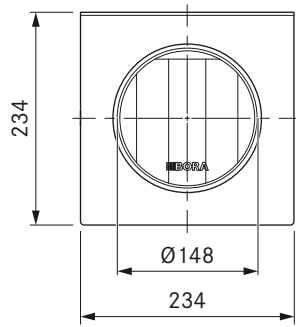
- BORA 3box wall sleeve safety guard UEBFES

## product- and planning instructions

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

# UEBR/1

BORA 3box wall sleeve round incl. sealing material



## Technical data

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

## Product description

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

## Scope of delivery

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

## Accessories

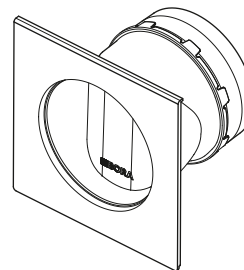
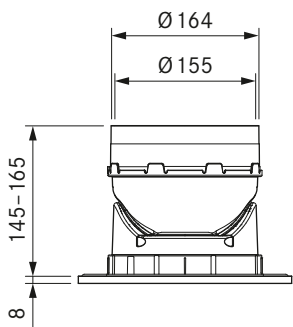
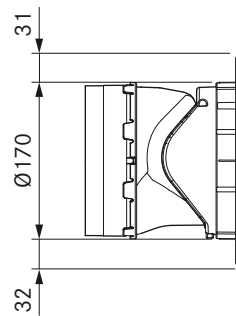
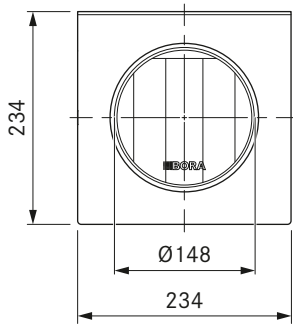
- BORA 3box wall sleeve round safety guard UEBRES

## product- and planning instructions

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

# UEBRK/1

BORA 3box wall sleeve round short incl. sealing material



## Technical data

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

## Product description

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

## Scope of delivery

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

## Accessories

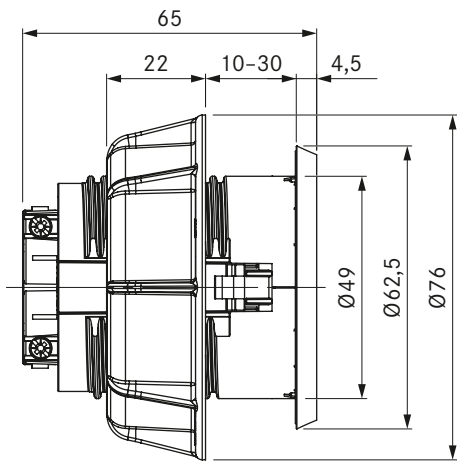
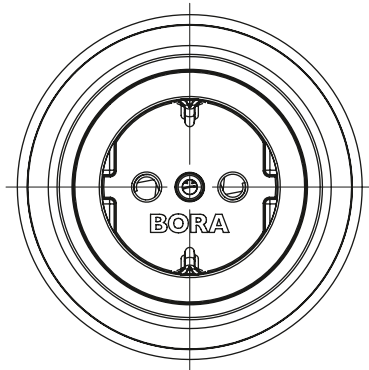
- BORA 3box wall sleeve round safety guard UEBRES

## product- and planning instructions

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

## USTF / USTFAB

BORA socket type F / BORA All Black socket type F All Black



### Technical data

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

### Product description

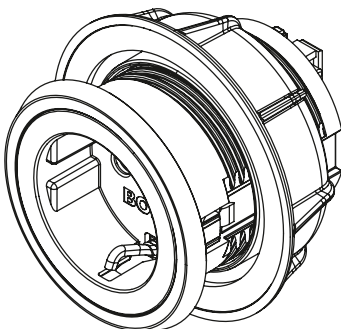
- Connectivity for small electrical kitchen appliances
- Integrated childproofing feature
- Suitable for DE, ES, IT, AT, LU, PT, RU, BR, SE, NL
- Spacing ring in the scope of delivery
- Integrated 2 m connection cable
- Uniform cover drill diameter
- matching accessories
- Complete BORA system

### Scope of delivery

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

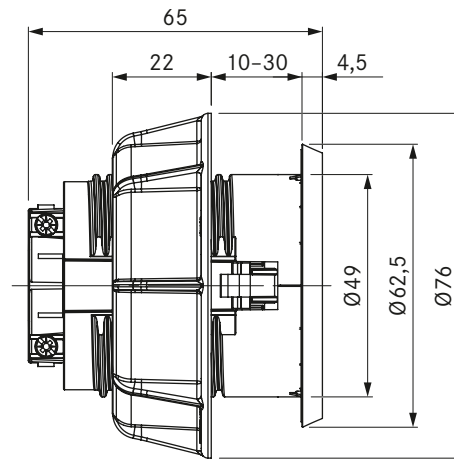
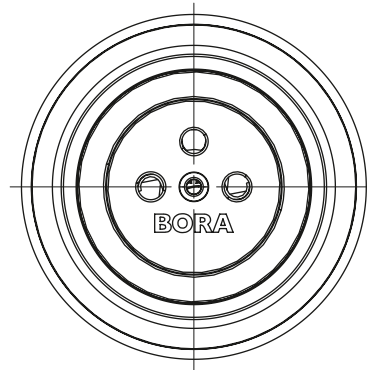
### product- and planning instructions

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



## USTE / USTEAB

BORA socket type E / BORA socket type E All Black



### Technical data

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

### Product description

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

### Scope of delivery

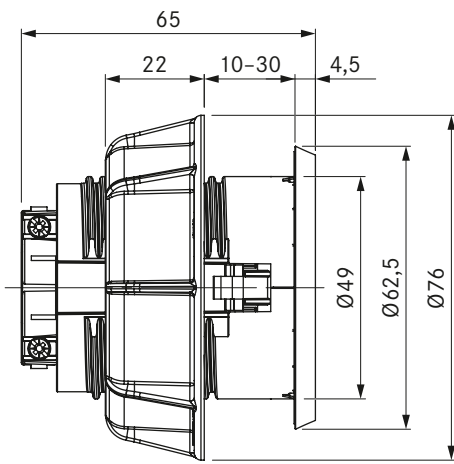
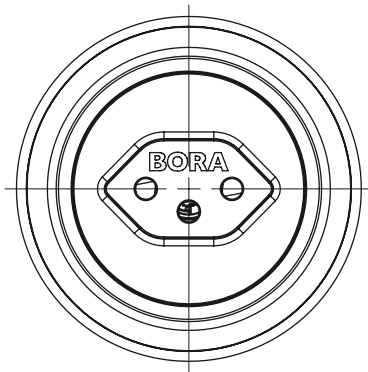
- Socket USTE
- 2 m connection cable with country-specific plug

### product- and planning instructions

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

## USTJ / USTJAB

BORA socket type J / BORA socket type J All Black



### Technical data

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

### Product description

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

### Scope of delivery

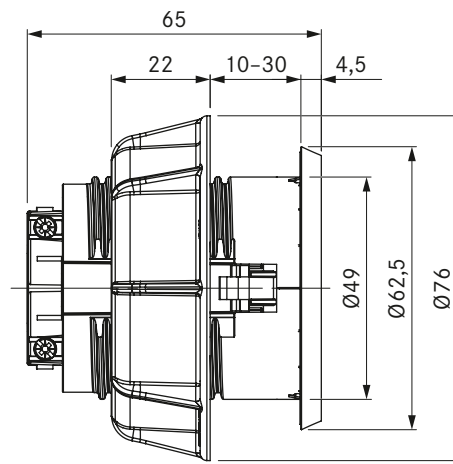
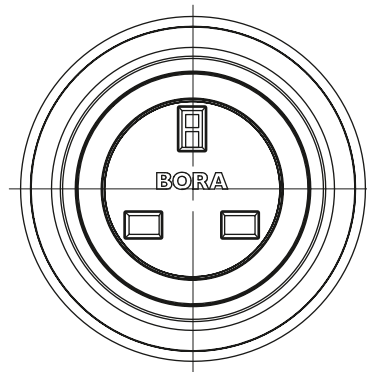
- Socket USTJ
- 2 m connection cable with country-specific plug

### product- and planning instructions

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

## USTG / USTGAB

BORA socket type G / BORA socket type G All Black



### Technical data

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

### Product description

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

### Scope of delivery

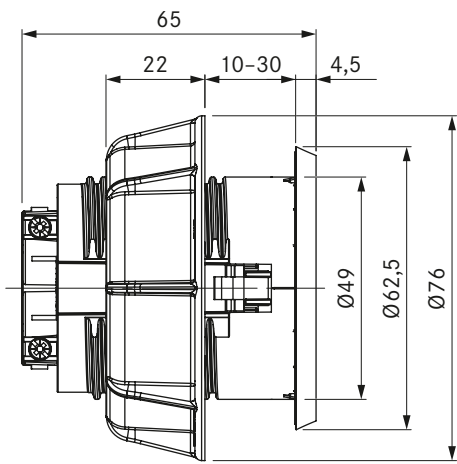
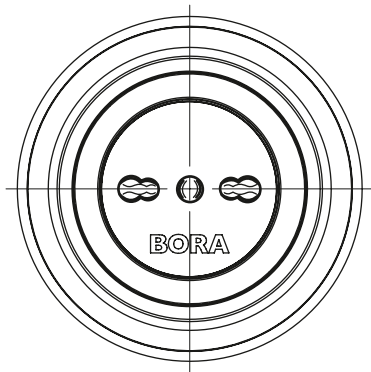
- Socket USTG
- 2 m connection cable with country-specific plug

### product- and planning instructions

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

# USTL / USTLAB

BORA socket type L / BORA socket type L All Black



### Technical data

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

### Product description

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

### Scope of delivery

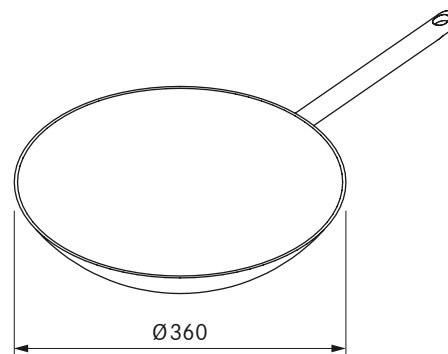
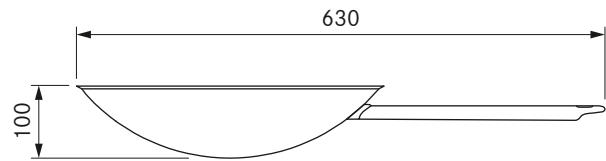
- Socket USTL
- 2 m connection cable with country-specific plug

### Product- and planning instructions

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

# HIW1

BORA induction wok pan



### Technical data

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

### Product description

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

### Scope of delivery

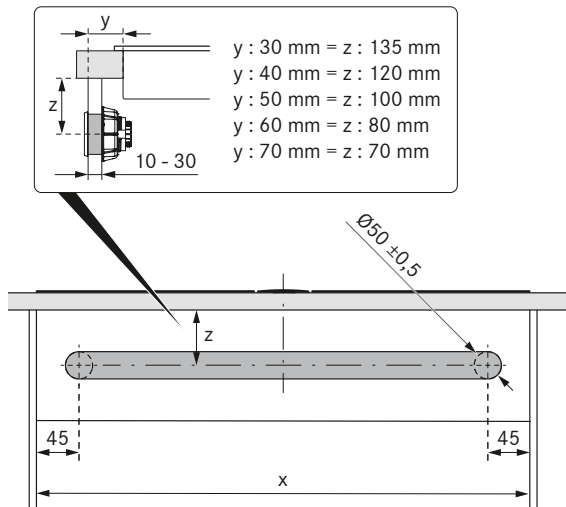
- HIW1 BORA induction wok



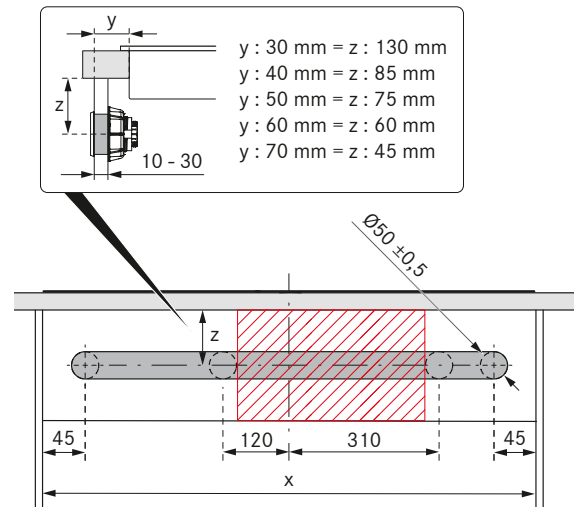
# Socket positioning

Installation instructions for BORA sockets

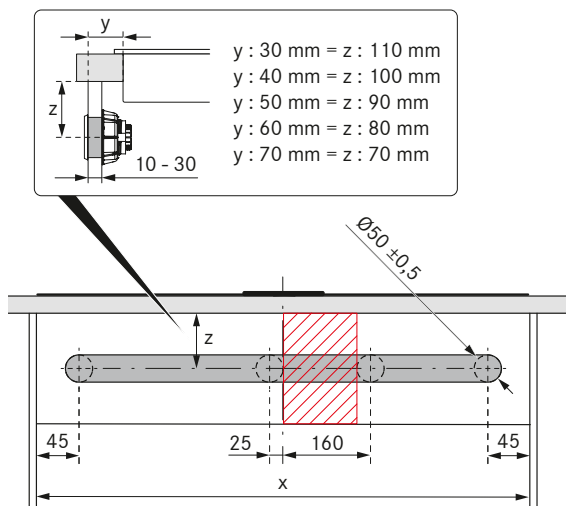
## Classic 2.0



## X Pure / Pure



## BHA / BHU



### Important planning instruction:

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

# BORA accessories Highlights

## BORA PROFESSIONAL 3.0 ACCESSORIES (KG 51)



### PKA 1VK

BORA Pro cover flap

### PKA 1VKAB

BORA Pro cover flap All Black



### PKA 1FW

BORA Pro filter tray



### PKA 1FF

BORA Pro stainless steel grease filter

- Suitable for Professional 3.0, Professional 2.0
- Optimal grease removal
- matching accessories



### PKR 3

BORA Pro knob ring

### PKR 3AB

BORA Pro knob ring All Black

## BORA CLASSIC 2.0 ACCESSORIES (KG 51)



### CKAED

BORA Classic air inlet nozzle

### CKAEDAB

BORA Classic air inlet nozzle All Black

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



### CER

BORA Classic inlay-frame

- Semi-flush installation
- matching accessories



### USL5 15

BORA side frame for cooktop depth 515mm

### USL5 15AB

BORA side frame for cooktop depth 515mm All Black

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

## BORA X PURE ACCESSORIES (KG 51)



### PUXED

BORA X Pure air inlet nozzle

- Automatic centring
- Quick commissioning
- matching accessories



### PULB

BORA Pure air purification box

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



### PULBTA

BORA Pure air purification box telescopic pull-out

- For extra-deep floor units
- matching accessories



### PUHIM

BORA Pure Home In module

- Modular Home In principle
- Optional Home In functionality (e.g. for window contact switch UFKS)
- matching accessories



### BKR830

BORA cooktop frame for width 830mm

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



### USL5 15

BORA side frame for cooktop depth 515mm

### USL5 15AB

BORA side frame for cooktop depth 515mm All Black

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

## BORA PURE ACCESSORIES (KG 51)



### PUED

BORA Pure air inlet nozzle  
black

- Automatic centring
- Quick commissioning
- matching accessories



### PUEDB

BORA Pure air inlet nozzle  
blue

- Automatic centring
- Colourful inlet nozzles
- matching accessories



### PUEDO

BORA Pure air inlet nozzle  
orange

- Automatic centring
- Colourful inlet nozzles
- matching accessories



### PUHIM

BORA Pure Home In module

- Modular Home In principle
- Optional Home In functionality (e.g. for window contact switch UFKS)
- matching accessories



### PUEDR

BORA Pure air inlet nozzle  
red

- Automatic centring
- Colourful inlet nozzles
- matching accessories



### PUEDJ

BORA Pure air inlet nozzle  
jade green

- Automatic centring
- Colourful inlet nozzles
- matching accessories



### PUEDG

BORA Pure air inlet nozzle  
greige

- Automatic centring
- Colourful inlet nozzles
- matching accessories



### USL515

BORA side frame for cooktop  
depth 515mm

### USL515AB

BORA side frame for cooktop  
depth 515mm All Black

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



### PULB

BORA Pure air purification box

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



### PULBTA

BORA Pure air purification box  
telescopic pull-out

- For extra-deep floor units
- matching accessories



### BKR760

BORA cooktop frame for width  
760mm

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

## BORA BASIC ACCESSORIES (KG 51)



### 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



### USL515

BORA side frame for cooktop  
depth 515mm

### USL515AB

BORA side frame for cooktop  
depth 515mm All Black

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



### BKR760

BORA cooktop frame for  
width 760mm

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

# BORA accessories Highlights

## BORA UNIVERSAL ARTICLE ACCESSORIES (KG 51)



### USTF

BORA socket type F



### USTFAB

BORA All Black socket type F All Black

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



### USTE

BORA socket type E



### USTEAB

BORA socket type E All Black

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



### USTJ

BORA socket type J



### USTJAB

BORA socket type J All Black

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



### USTG

BORA socket type G



### USTGAB

BORA socket type G All Black

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



### USTL

BORA socket type L



### USTLAB

BORA socket type L All Black

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



### HIW 1

BORA induction wok pan

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



### UGS

BORA glass ceramic scraper

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



### PTTS 1

BORA Tepan spatula

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



### UEBFES

BORA 3box wall sleeve vent guard

### UEBRES

BORA 3box wall sleeve round vent guard

- Safety-related component
- Simple ordering



### UFKS

BORA window contact switch

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



### UWM 1

BORA wind gauge

- Quick function test

## BORA GREASE FILTER



### PKA1FF

BORA Pro stainless steel grease filter

- Suitable for Professional 3.0, Professional 2.0
- Optimal grease removal
- matching accessories



### CKAFFE

BORA Classic grease filter unit

- Suitable for Classic 2.0
- Optimal grease removal
- Two-part grease filter unit



### PUEF

BORA Pure stainless steel grease filter

- Suitable for Pure, X Pure
- Optimal grease removal
- matching accessories



### BFF

BORA Basic stainless steel grease filter BH/BF

- Suitable for Basic, GP4
- Optimal grease removal
- matching accessories

## BORA ODOUR FILTER



### PUAKF

BORA Pure activated carbon filter

- Suitable for Pure, X Pure
- Service life approx. 150 h/1 year
- Easy removal & optimal accessibility



### BAKFS

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

- Suitable for Basic, GP4
- Service life approx. 150 h/1 year
- effective odour removal



### ULBF

BORA air purification box flexible

- Suitable for Professional 3.0, Professional 2.0, Classic 2.0
- Service life approx. 300 h/1.5 years
- effective odour removal



### ULB3X

BORA air purification box 3

- Suitable for Professional 3.0, Professional 2.0, Classic 2.0
- Service life approx. 600 h/3 years
- effective odour removal

### ULB3AS

BORA air purification box 3 activated carbon

- Service life approx. 600 h/3 years
- effective odour removal
- Complete BORA system



## BORA GAS-NOZZLE SETS

### NATURAL GAS

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

### LIQUID GAS

item number	Ø SR burner/normal burner	Ø R burner/high-power burner	Countries
PKGDS3028	69	85	BE, CH, CY, CZ, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, NL, NO, PL, PT, RO, SE, SI, SK, TR
PKGDS3050	62	78	AT, CH, DE, GR, SK

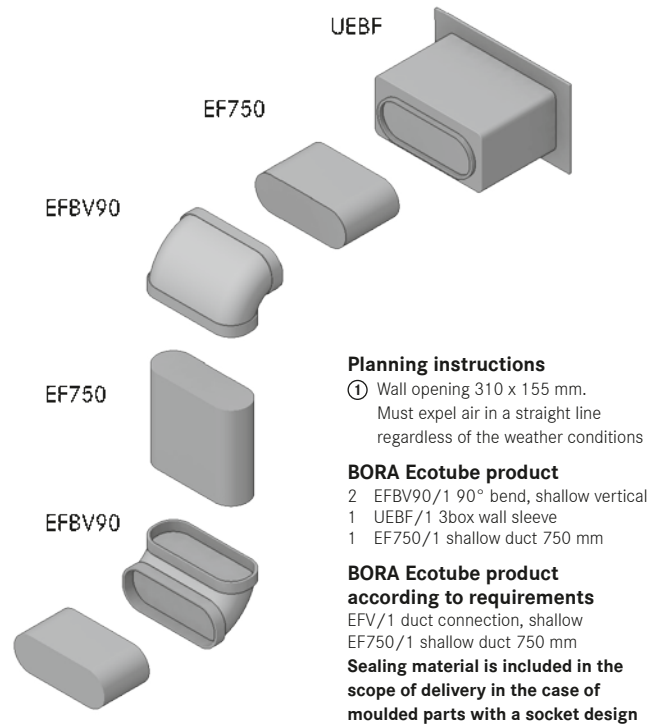
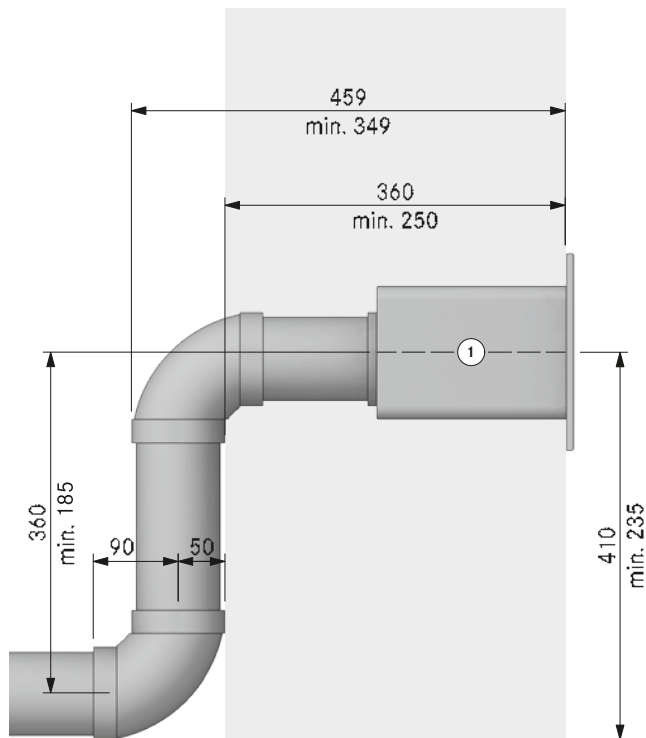
additional nozzle sets for PKG3

PKGDS3130	75	92	AUS, NZ, CZ, FI, NL
PKGDS3150	65	80	AT, CH, CZ, DE, NL, SK

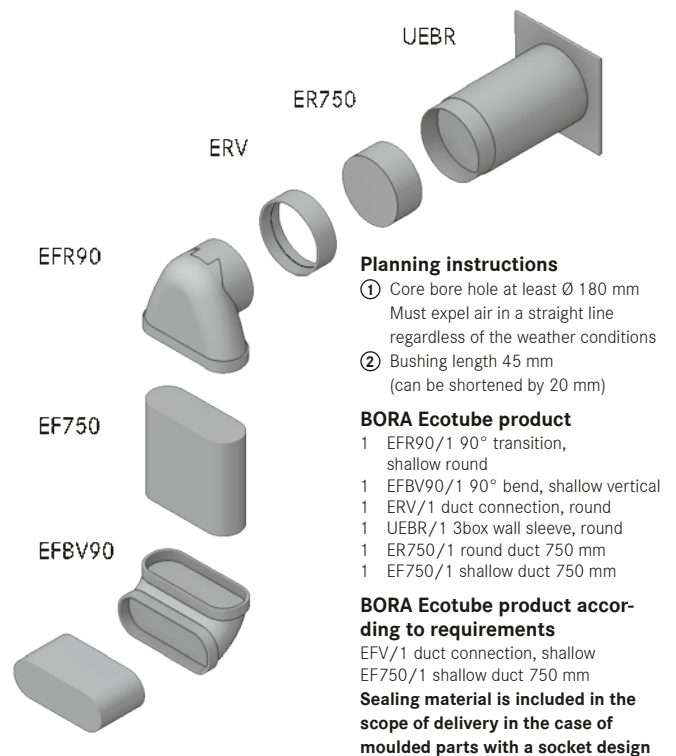
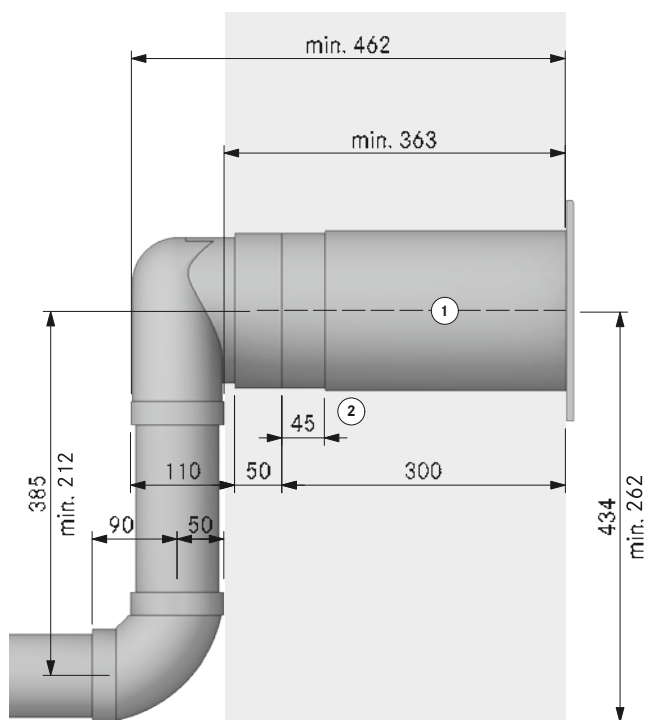
# Detail drawings

## Ducting

MP\_9042 ducting with S-bend wall sleeve UEBF



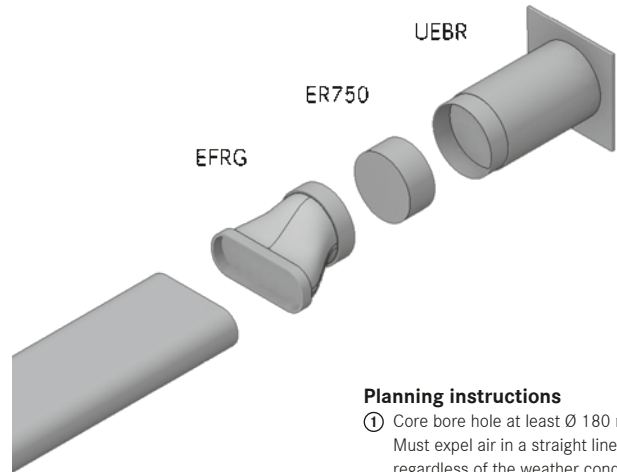
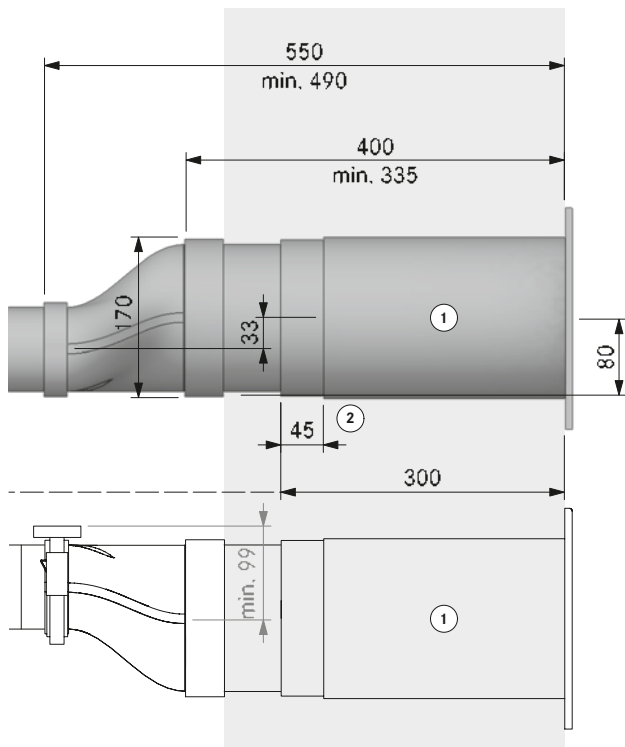
MP\_9062 ducting with S-bend wall sleeve UEBR



# Detail drawings

## Ducting

MP\_9066 ducting shallow with transition piece to wall sleeve UEBR



### Planning instructions

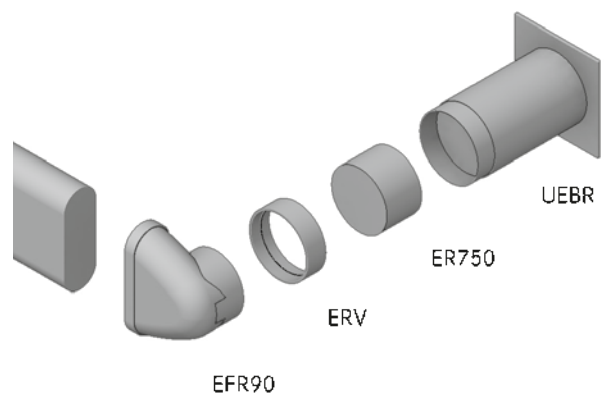
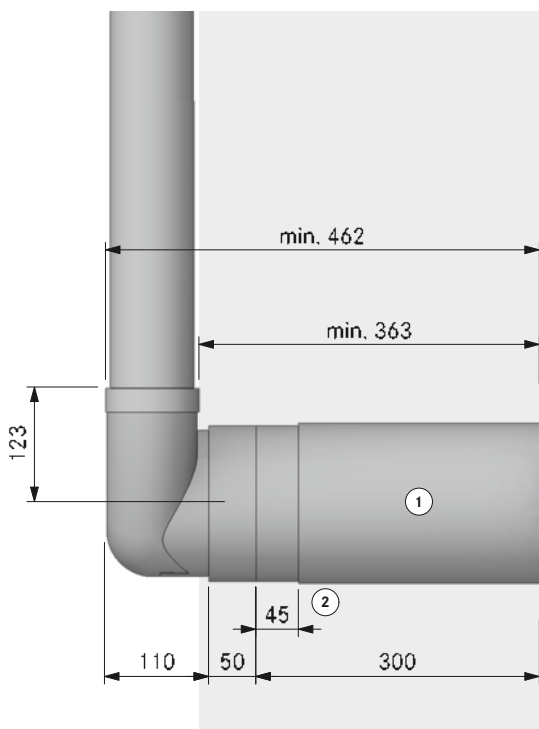
- ① Core bore hole at least  $\varnothing$  180 mm  
Must expel air in a straight line regardless of the weather conditions
- ② Bushing length 45 mm  
(can be shortened by 20 mm)

### BORA Ecotube product

- 1 EFRG/1 transition, shallow round straight
- 1 UEBR/1 3box wall sleeve, round
- 1 ER750/1 round duct 750 mm

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

MP\_9068 ducting upright with transition piece EFR90 to wall sleeve UEBR



### Planning instructions

- ① Core bore hole at least  $\varnothing$  180 mm  
Must expel air in a straight line regardless of the weather conditions
- ② Bushing length 45 mm  
(can be shortened by 20 mm)

### BORA Ecotube product

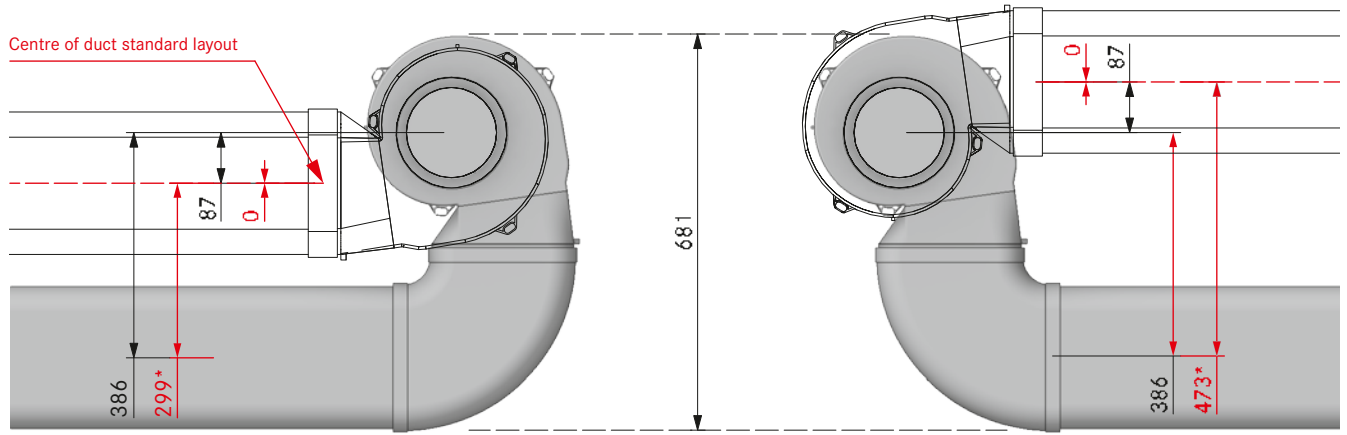
- 1 EFR90/1 90° transition, shallow round
- 1 ERV/1 duct connection, round
- 1 UEBR/1 3box wall sleeve, round
- 1 ER750/1 round duct 750 mm

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

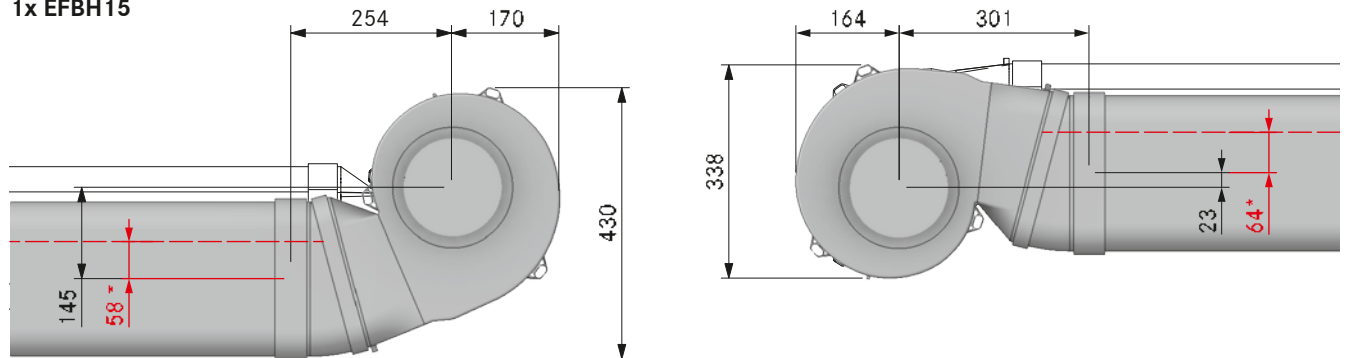
# Detail drawings

## Ducting

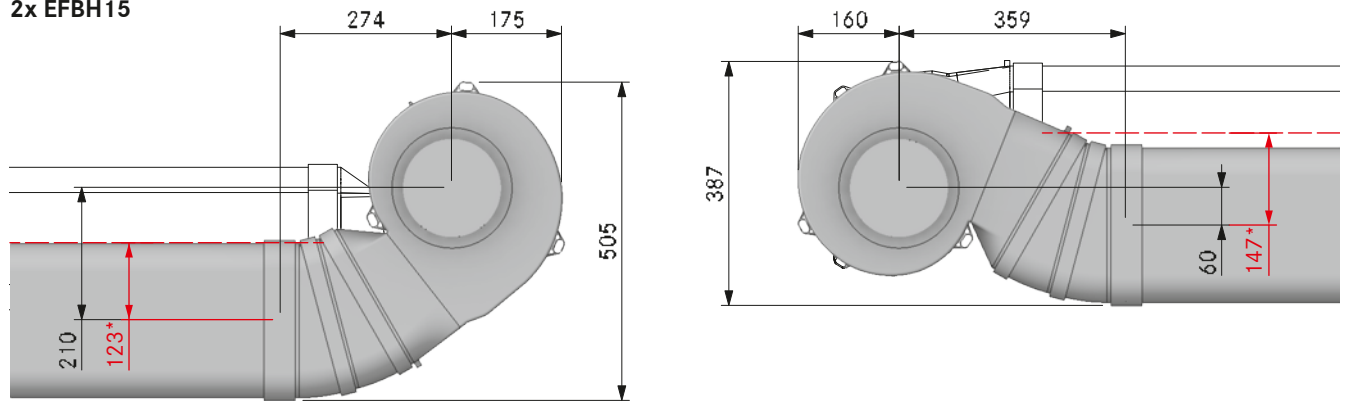
MP\_9026 ducting plinth fan ULS with 15° bends EFBH15



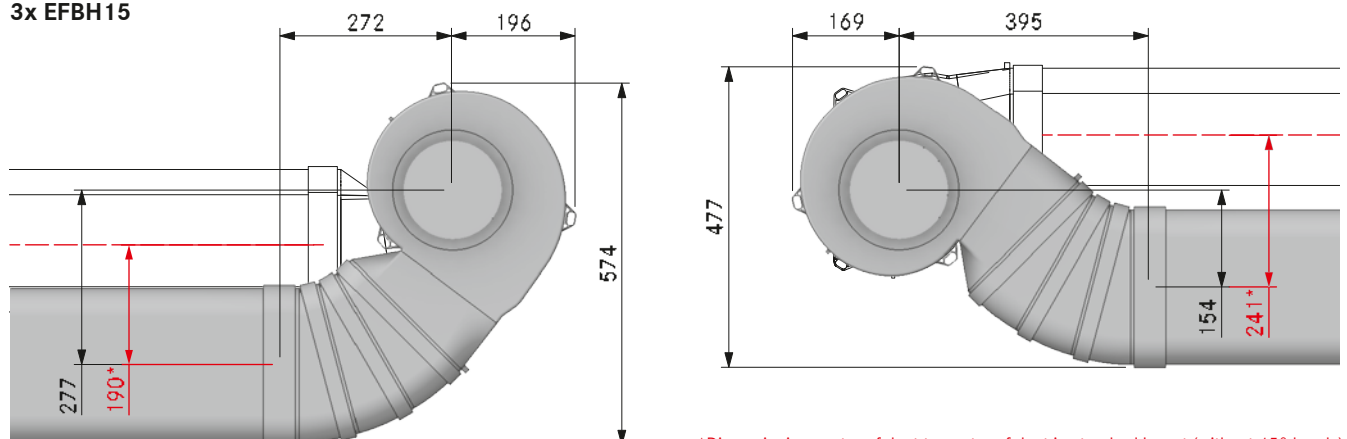
1x EFBH15



2x EFBH15



3x EFBH15



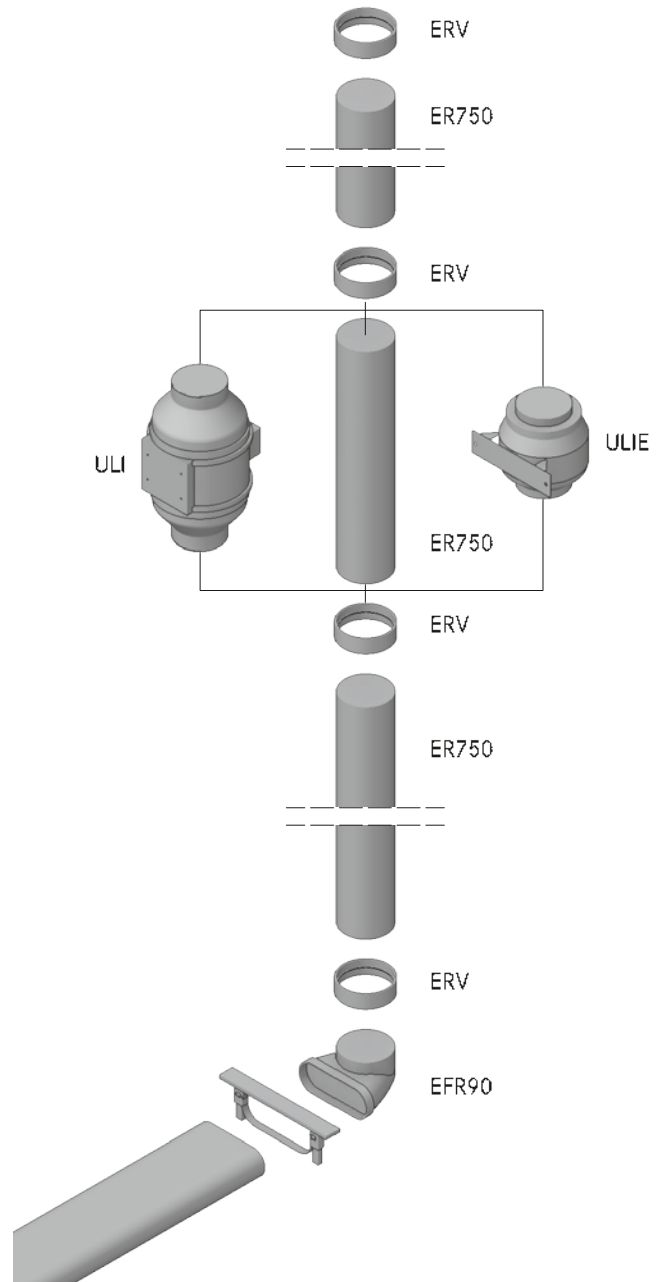
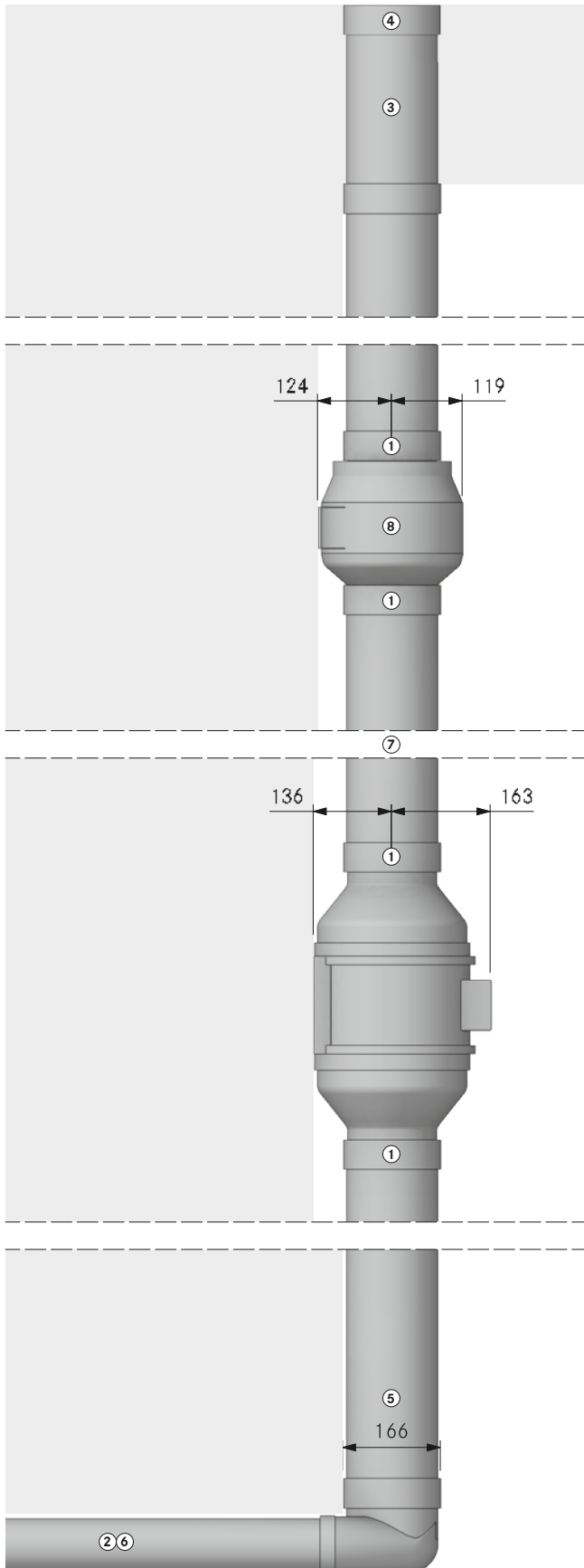
\*Dimensioning centre of duct to centre of duct in standard layout (without 15° bends)



# Detail drawings

Ducting

MP\_9027 ducting riser round



### Planning instructions

- ① A straight leg for the exhaust air of at least 500 mm is to be provided in front of and behind the fan
- ② Exhaust channel not known. Observe the BORA ground rule regarding maximum exhaust channels. Ecotube is not suitable for outdoor use
- ③ Core bore hole at least  $\text{Ø} 180 \text{ mm}$
- ④ Use a suitable roof bushing
- ⑤ A condensation separator must be installed if necessary
- ⑥ A silencer is strongly recommended
- ⑦ Distance between two fan modules of at least 3 m
- ⑧ When using ULI and ULIE, install ULIE as the second fan

### BORA product according to requirements

- 1 ULI duct fan EC and/or
- 1 ULIE additional duct fan AC

### BORA Ecotube product

- 1 EFR90/1 90° transition, shallow round
- 2 ERV/1 duct connection, round
- 1 ER750/1 round duct 750 mm

### BORA Ecotube product according to requirements

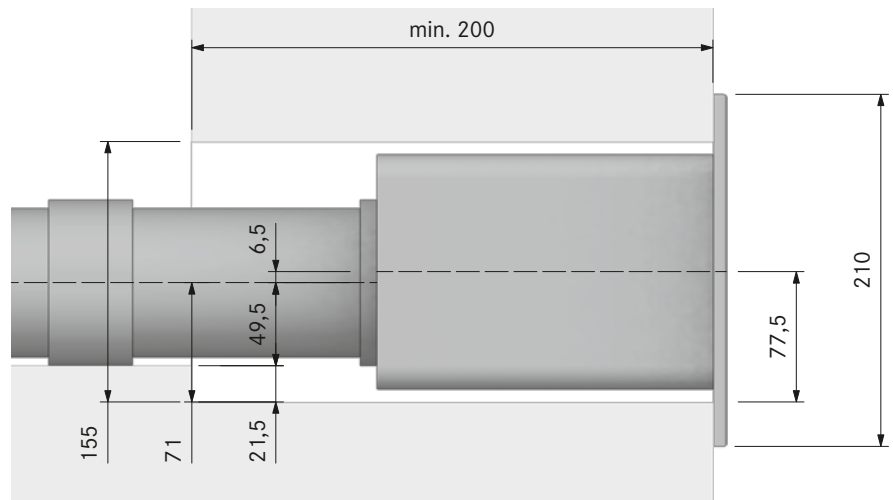
- ERV/1 duct connection, round  
ER750/1 round duct 750 mm  
ERMS/1 installation set, round

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

# BORA 3box

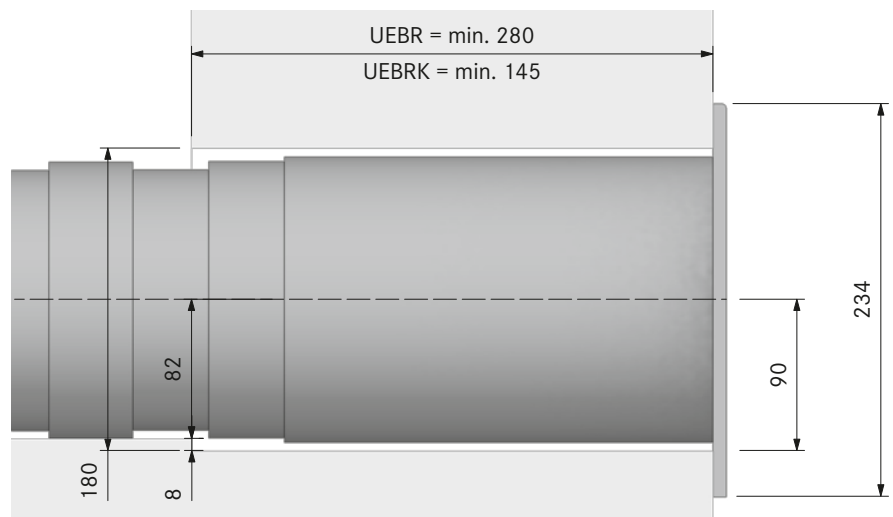
Wall sleeves

## BORA 3box UEBF



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

## BORA 3box UEBR / BORA 3box UEBRK



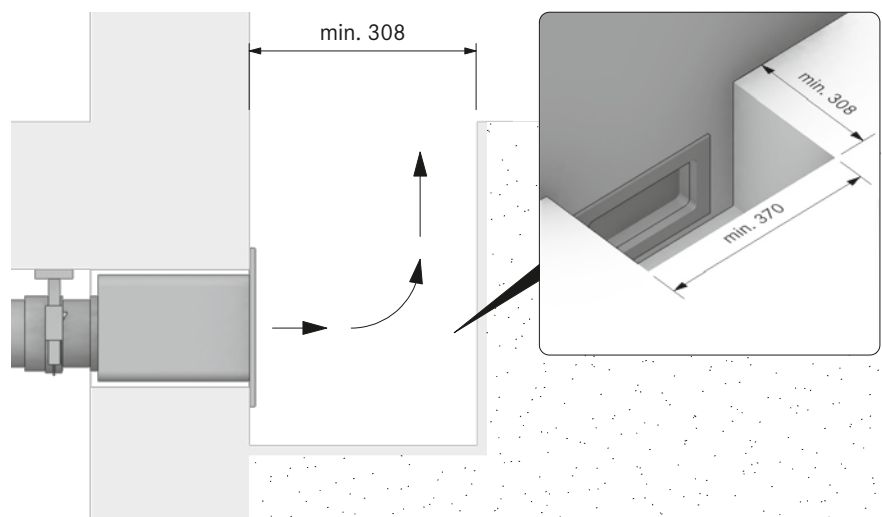
Please note that the wall sleeve has a protrusion on the lower end.

## Exhaust air into a cellar shaft

In this example, the air is fed into a basement shaft. Sufficient clearance must also be ensured here (explained on the example of UEBF).

The dimensions of the shaft in which the sleeve is installed must be as follows:

- min. 300 mm clearance from the front panel of the wall sleeve to the shaft wall.
- The minimum width has to be 370 mm
- The shaft must be deeper than the lower edge of the wall sleeve



# Exhaust ducting

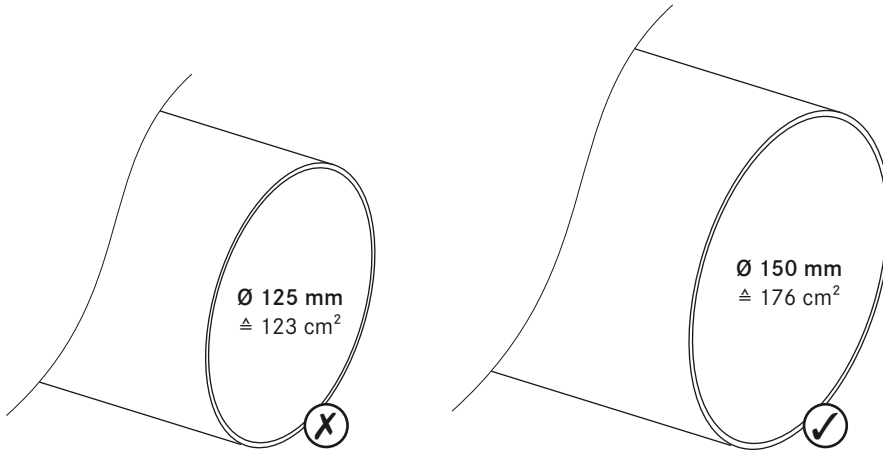
with the BORA Ecotube duct system

## Basic rule for the maximum exhaust channel when using the BORA Ecotube duct system and 3box wall sleeves:

with an integrated fan or a Universal fan module, as a general rule up to 6 metres of ducting with six 90° bends, 8 metres with four 90° bends or 10 metres with two 90° bends can be installed. In the case of the Professional and Classic product lines, even longer and more complex exhaust channels are possible thanks to a second additional fan module.

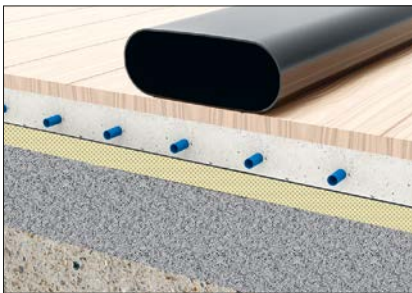
## Necessary minimum cross-section:

To expel the suctioned air quantities without major losses, each component must have a minimum cross-section of 176 cm<sup>2</sup>.



## Variable design options

The exhaust ducting can be installed in various ways. People usually choose to do this in the kitchen's plinth area, but it can also be integrated into the flooring under certain conditions.



Shallow duct on the floor covering

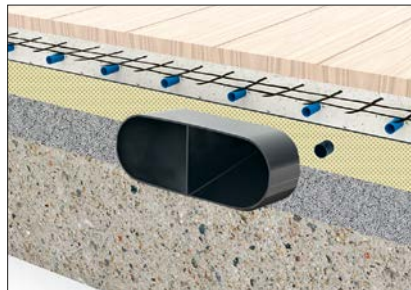


Shallow duct on the ceiling










Shallow duct in the balancing layer (acc. to DIN 18560-2)

A built-in balancing layer according to DIN 18560-2 must fully cover the 750 mm EFS750 BORA Ecotube shallow duct with partition.



Shallow duct partially in the balancing layer and the reinforced floor screed

If the 750 mm EFS750 BORA Ecotube shallow duct with partition is not covered, reinforcement is required in the floor screed.

-  Floor covering
-  Screed without reinforcement
-  Screed with reinforcement
-  Underfloor heating
-  Footfall sound insulation
-  Balancing layer
-  Concrete ceiling
-  Empty pipe for mains and control cables

# 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
- Material class B1
- Oval cross-section for optimised flow

ER750/1



EF750/1



EFS750/1



ERB90



EFBH90



EFR90



EFBV90



EFRG



EFRV110



EFRV



ERV



EFV



EF47



EFBH15



ERD



EFD



ERMS



EFMS

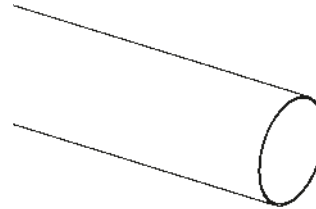


# Pipes and ducts

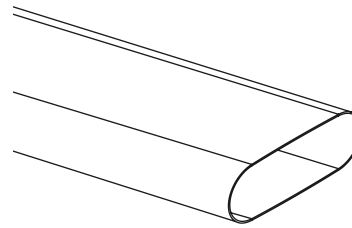
Advantages of BORA Ecotube

## Pipe types

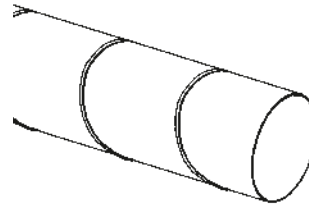
The BORA Ecotube cross-sections and shapes perfect the extraction behaviour and effectiveness of the BORA extraction systems. Please ensure that the minimum inner duct diameter of 150 mm (= 176 cm<sup>2</sup>) is adhered to.



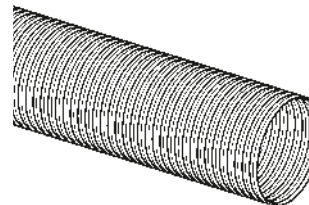
Round pipe:  
Ecotube ER750/1



Shallow duct:  
Ecotube ER750/1



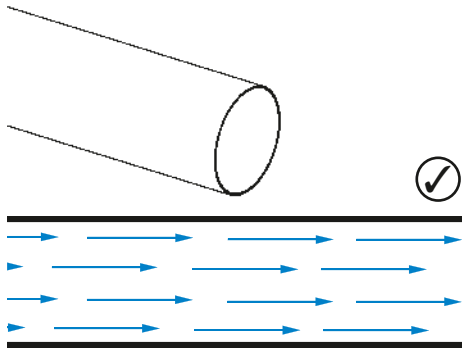
Spiral duct



Aluflex hose

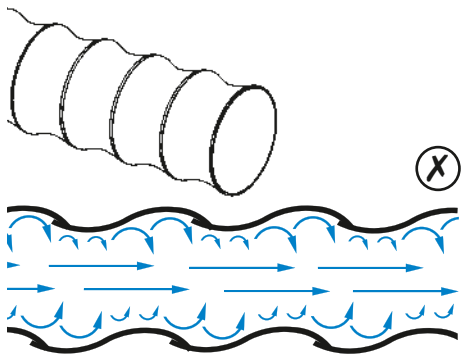
### Optimum flow on pipe inner surfaces

The new BORA Ecotube improves the flow ratio with up to 20% less pressure loss compared to other duct systems on the market.



#### BORA Ecotube:

Optimum flow through smooth inner pipe surfaces

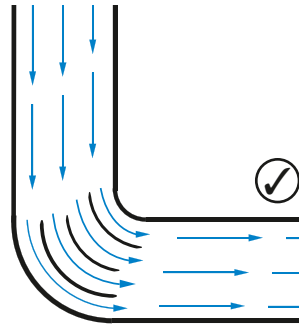


#### Conventional spiral hose:

Very poor flow as a result of an extremely uneven surface

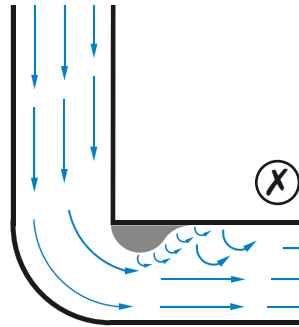
### Bends

Pipes and bends must be tailored to one another. The BORA Ecotube pipe bends result in optimum draw-off performance thanks to specially integrated guide bodies and rounded corners. If you use a different duct system, please note our tips on flow behaviour in pipe bends.



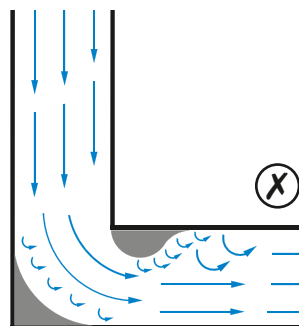
#### BORA Ecotube:

Optimum flow thanks to the integrated guide bodies and rounded corners in the pipe bends



#### Poor flow:

Air turbulence is created after the sharp inner corners.



#### Poor flow:

Air turbulence is created after the sharp corners.

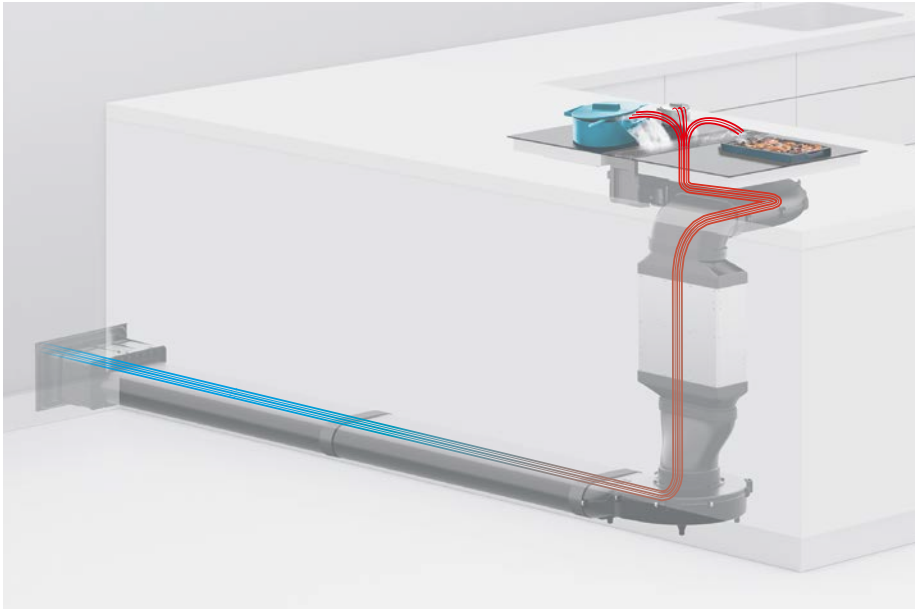
# Exhaust system

Suitable for all BORA cooktop extractor systems

---

## The advantage of exhaust air

With the BORA exhaust system, the fan channels cooking vapours straight outside through the BORA Ecotube duct system and the BORA 3box wall sleeve. This removes all vapours and odours from the cooking area. As, unlike conventional extractor hoods, all BORA systems use intelligent flow technology rather than a high flow volume, less warm inside air is expelled from the house, thereby saving energy.



Exhaust air installation example: Classic 2.0 – CKA2  
(same principle for all BORA systems)

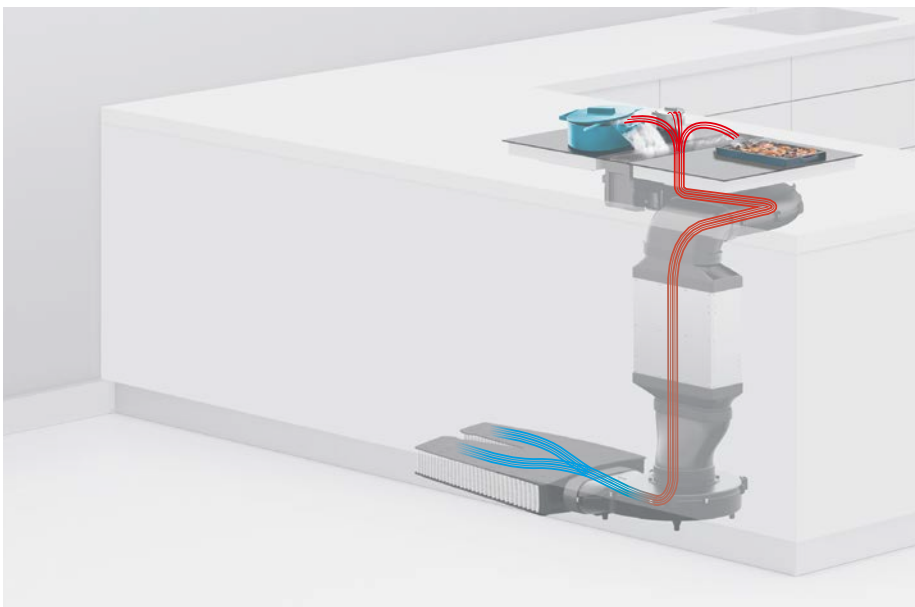
# Recirculation system

Suitable for all BORA cooktop extractor systems

---

## The advantage of recirculation

The BORA recirculation system is the alternative solution to exhaust-air variants. The fan directs the cooking vapours into the specially developed ULBF, ULB3X, PUAKF or BAKFS recirculation filters, which effectively eliminate odours from the kitchen exhaust air. As such, the BORA recirculation systems keep the air in kitchens fresh. As the recirculation systems keep the warm air in the house, they are ideal for passive houses as well as low and nearly zero-energy buildings.



Recirculation installation example: Classic 2.0 – CKA2  
(same principle for all BORA systems)

# Cooking in recirculation mode

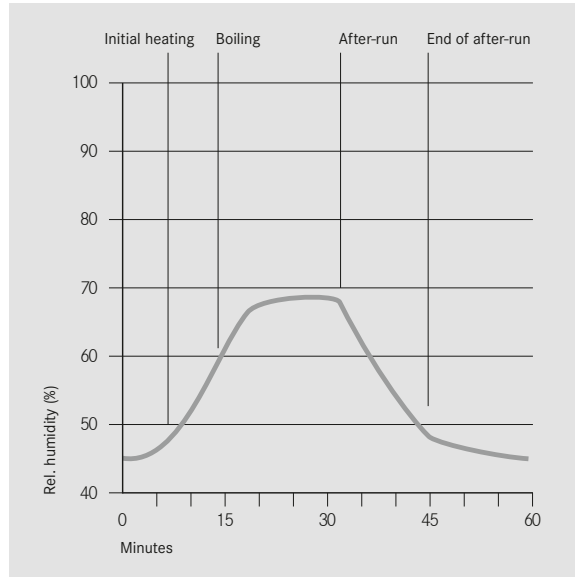
## Humidity when cooking in recirculation mode

### Putting the recirculation mode to the test

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

This means that there is no risk of normal cooking sessions causing moisture damage to kitchen units or even mould formation. If the indoor environment is kept within the limits of what feels comfortable, the critical level of 80% rel. humidity for such damage will not be exceeded at any point.

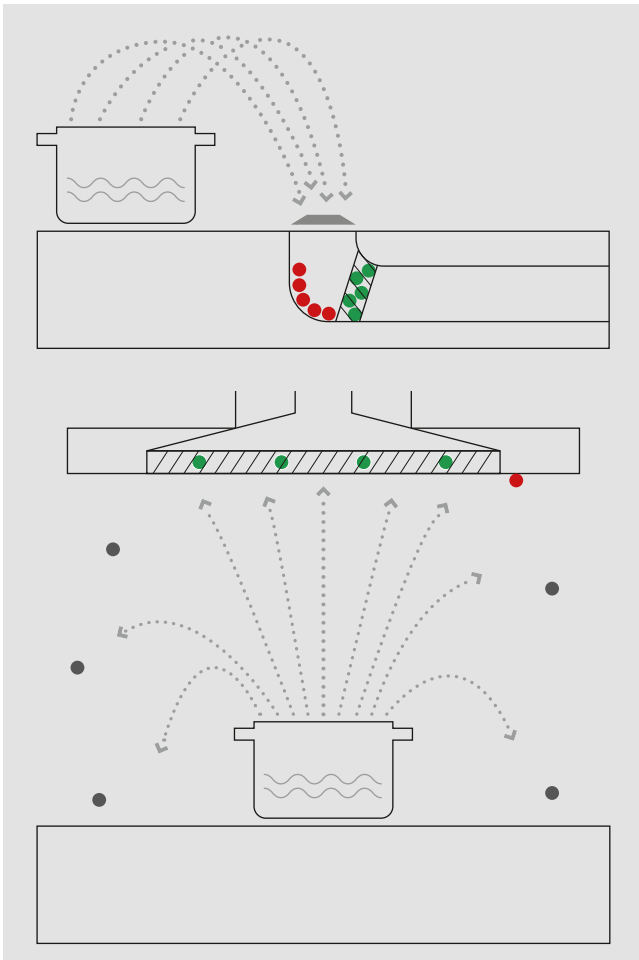
BORA cooktop extractors and recirculation systems are optimally tailored to one another. The cooktop extractor has an automatic after-run function to ensure not only sufficient air exchange but also the optimum performance and service life of the recirculating filter.



**Test**  
30 min intensive boiling of 1.8 l water

## Grease filtering level

Grease filtering level acc. to the DIN/EN standard for energy labels



### 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.

- 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)

BORA grease filtering level

$$= \frac{\text{●●●●●}}{\text{●●●●●} + \text{●●●●●}} \%$$

Grease filtering level of a conventional extractor hood

$$= \frac{\text{●●●●●}}{\text{●●●●●} + \text{●}} \%$$

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.

# Use with fireplaces

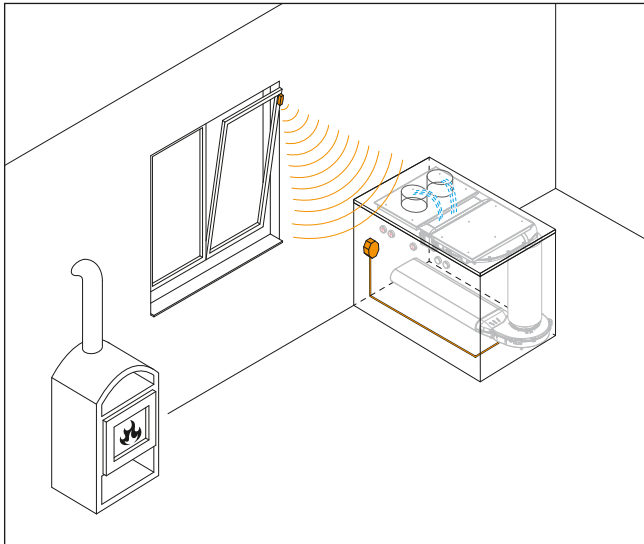
## Simultaneous exhaust mode with fireplaces

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.

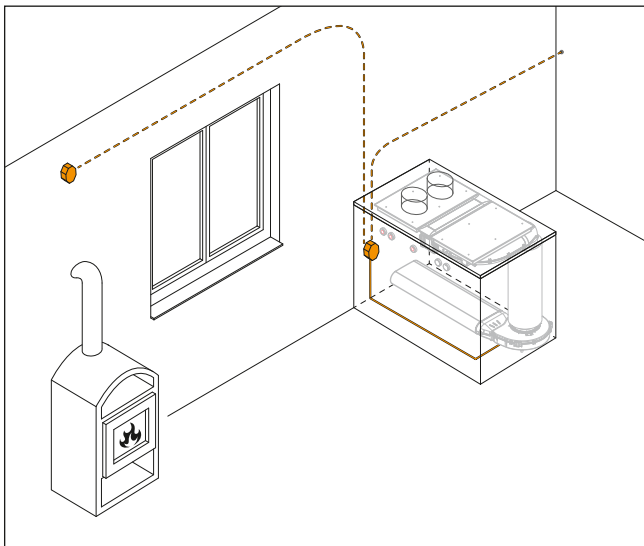
This applies both to fireplaces that depend on the air in the room and to those which don't.

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 3.0, BORA Classic 2.0, BORA X Pure, BORA Pure and BORA Basic. The connection must be conducted by electrical personnel.



### Low-pressure monitor\*

A low-pressure monitor monitors the pressure difference between a room with a fireplace that depends on the air in the room and the outside pressure. The device compares the air pressure conditions and switches off the vapour extraction system if necessary when the allowed pressure difference is exceeded. When selecting the low-pressure monitor, please ensure that the product has the necessary permissions. Low-pressure monitors are suitable for BORA Professional 3.0, BORA Classic 2.0, BORA X Pure, BORA Pure and BORA Basic. The connection must be conducted by electrical personnel.

\* Please note: a local heating engineer must give an expert opinion on whether it is permissible to simultaneously operate a flue/fireplace that is dependent on room air and a vapour extraction system and approve this use. Kitchen exhaust vapours must not be fed into a flue duct or chimney. If a flue duct or chimney is no longer in operation, you must obtain the approval of a local heating engineer before using this for kitchen exhaust vapours.



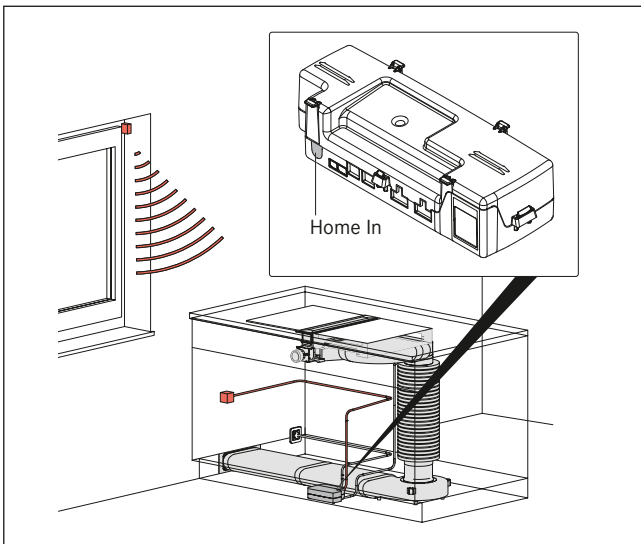
# External switch contacts

Interface for external devices: Home In | Home Out

## Home In | Home Out

The BORA cooktop extractors PKA3/PKA3AB, PKAS3/PKAS3AB, CKA2 are equipped with default interfaces for external devices. These Home In/Home Out interfaces make it possible to simply and conveniently connect external safety devices and systems without additional effort. Multiple kitchen and exhaust air technologies can therefore be easily controlled.

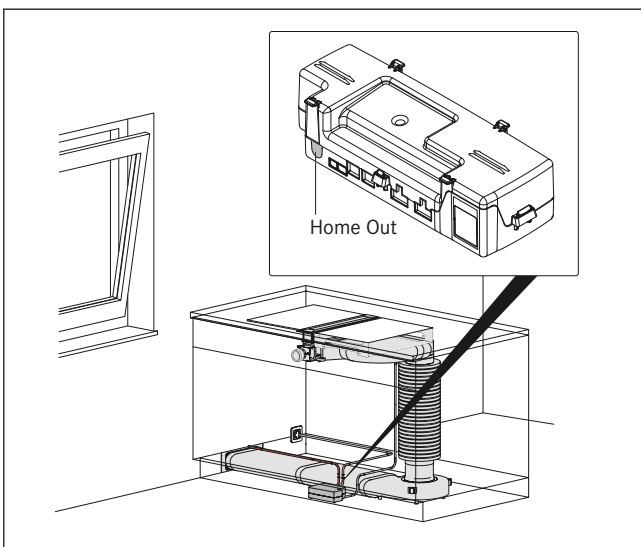
With the optional accessory module PUHIM (BORA Pure Home In module), the BORA X Pure/BORA Pure cooktop extractor system can be upgraded with an interface for external devices.



Home In interface on the example of PKA3

### 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 PKA3

### Home Out

The 'Home Out' contact is the interface that can be used to switch external devices on and off at the same time as the cooktop extractor. These can include, e.g. electrically opening wall sleeves. The potential-free contact can be used extremely flexibly as a switch for the broadest range of devices and systems. This makes it easy to meet individual customer requirements.

# Assembly information

## Safety clearances

---



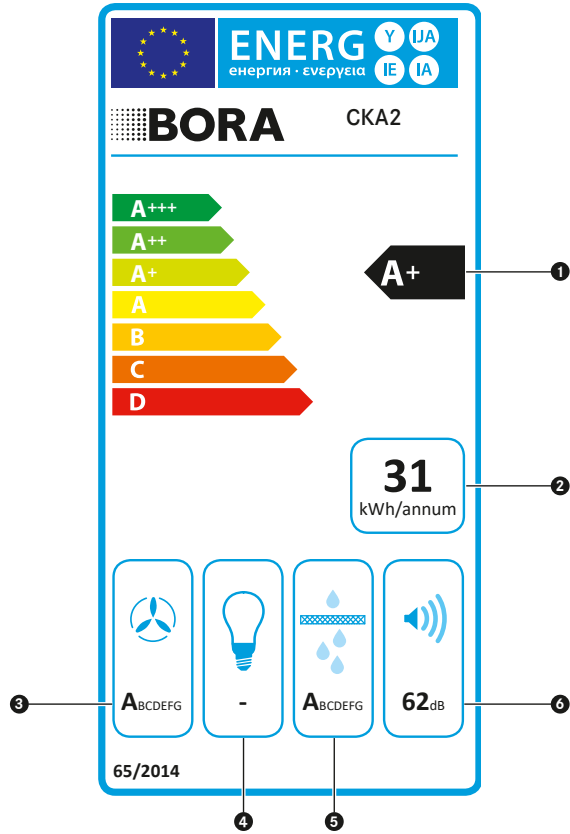
- ❶ Minimum clearance of 300 mm from the left and right of the worktop cut-out to the adjacent kitchen unit or wall.
- ❷ Minimum clearance of 50 mm at the back from of the worktop cut-out to the rear edge of the worktop (70 mm for PKC3, PKCB3 and PKCH3 Professional 3.0 cooktops installed rotated by 180°).
- ❸ Minimum clearance of 600 mm between the worktop and the wall unit (650 mm for gas cooktops).

# Energy consumption label

Explanation of the energy consumption label

## Information on the energy consumption label

Using the example of the BORA Classic cooktop extractor CKA2



### 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.

# Function matrix

for all product lines and appliances

	BORA Professional 3.0									
	PKA3	PKAS3	PKFI3	PKI3	PKIW3	PKC3	PKCB3	PKCH3	PKG3	PKT3
Automatic extractor control	X	X								
Accurate temperature display										X
Accurate temperature control										X
Cleaning function										X
Variable heat retention function			X	X	X	X	X	X	X	X
2-ring switching						X		X		
3-ring switching						X	X			
automatic heat up function			X	X	X	X	X	X	X	
Automatic grease filter detection	X	X								
Automatic reignition									X	
Roaster switching							X			
bridging function			X							X
Easy to customise	X	X	X	X	X	X	X	X	X	X
Intuitive, context-sensitive handling										
Childproofing feature			X	X	X	X	X	X	X	X
Timer	X	X	X	X	X	X	X	X	X	X
Pause function			X	X	X	X	X	X	X	X
Extraction power level	X	X								
Cooking zone power levels			X	X	X				X	X
Front cooking zone power levels								X		
Cleaning lock										
Cooking zone timers			X	X	X	X	X	X	X	X
pan size recognition			X	X	X					
warming function										
Demo mode	X	X	X	X	X	X	X	X	X	X
5 power levels										
9 power levels	X	X	X	X	X	X	X	X	X	X
automatic bridging function										
Control knob cooking zone indicator			X	X	X	X	X	X	X	X
Power-level display on control knob	X	X	X	X	X	X	X	X	X	X
Automatic after-run	X	X								
Power management										
residual heat display			X	X	X	X	X	X	X	X
Protection from accidental misuse										
Recirculation filter service indicator	X	X								
Cooking zone safety shut-down			X	X	X	X	X	X	X	X
Cooking zone overheating protection			X	X	X	X	X	X		X

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

# 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-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 bridging function

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

---

### Automatic centring

The inlet nozzle can be centred easily without locking via the conical guide.

---

### Automatic cover flap

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

---

### Automatic extractor control

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

---

### automatic heat up function

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

---

### Automatic reignition

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

---

### bridging function

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

---

### Childproofing feature

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

---

### Cleaning function

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

---

### Cleaning lock

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

---

### Combination of activated charcoal filter cartridges and upstream fine filter

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

---

### Compact geometry

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

---

### Compact size

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

---

### Complete BORA system

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

---

### Connectivity for small electrical kitchen appliances

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

---

### Cooking zone timers

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

---

### Demo mode

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

---

### Designed for optimum cleaning

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

---

### direct function selection

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

---

### Dishwasher-safe pan supports

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

---

### Diverse installation options

To make it easier to install, multiple installation options can be catered for.

---

---

### **DLC (diamond-like-carbon) coated**

As well as giving the appliance its black colour, the special surface treatment of the stainless steel also provides increased hardness as well as scratch and wear resistance.

---

### **Easy installation**

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

---

### **Easy to customise**

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

---

### **effective odour removal**

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

---

### **Energy-saving fan with EC technology**

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

---

### **Especially suited for installation in the floor structure**

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

---

### **eSwap**

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

---

### **Extraction power level**

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

---

### **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.

---

### **Genuine stainless steel grease filter**

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

---

### **High-quality material**

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

---

### **Including required Ecotube seals**

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

---

### **Increased resistance against breakage**

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

---

### **Individually shortenable**

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

---

---

### **Installation in thin walls**

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

---

### **Integrated 2 m connection cable**

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

---

### **Integrated childproofing feature**

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

---

### **Integrated fan**

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

---

### **Integrated grease drip pan**

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

---

### **Integrated silencer and plinth fan**

Contains all components from the cooktop extractor to the plinth fan.

---

### **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 control knob**

The combination of a classic knob and a touch-operated surface with a razor-sharp LED display enables perfect control. All functions are easily, conveniently and intuitively activated by twisting the knob and tapping the central touch-operated surface.

---

### **Intuitive sControl control**

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

---

### **Intuitive sControl+ control**

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

---

### **Large extractor opening**

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

---

### **Large overflow tray**

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

---

### **Low pressure resistance during operation**

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

---

### **matching accessories**

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

---

# BORA product features

## Overview and term definitions

---

---

### Material class B1

BORA Ecotube meets the highest safety standards.

---

### Maximum energy efficiency

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

---

### Maximum storage space

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

---

### Minimalistic design

The 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.

---

### 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.

---

### Power management

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

---

### precise electronic control

With a servomotor on each gas burner, the electronic gas control system ensures efficient burner performance and precise flame control with automatic reignition.

---

### Premium design

Pioneering design language meets the highest standards with regard to materials and technology. The design highlights are the extractor and the sleek control knob with its stainless steel ring, black glass front and clear, white LED display.

---

### 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.

---

### Quick commissioning

The inlet nozzle can remain in the extractor when the cooktop extractor is started up.

---

### Rapid heating

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

---

### Reduced installation effort

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

---



---

**residual heat display**

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

---

**Resistant to driving rain**

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

---

**Roaster switching**

A flat roaster heating ring can be easily connected.

---

**Safety-related component**

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

---

**Semi-flush installation**

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

---

**Service life approx. 200 h/1 year**

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

---

**Service life approx. 400 h/2 years**

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

---

**Service life approx. 600 h/3 years**

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

---

**Shortenable sleeve design**

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

---

**Simple cleaning**

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

---

**Simple installation**

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

---

**Simple ordering**

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

---

**Simplified installation**

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

---

**Sound and vibration insulation**

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

---

**Stainless steel grill area with two cooking zones**

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

---

**Sunken gas burners**

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

---

**Super fast parboiling**

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

---

**Surface mounting with cooktop frame**

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

---

---

**Timer**

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

---

**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.

---

## List of abbreviations

∅	Diameter
≤	Less than or equal to
≥	Greater than or equal to
%	Percent
°C	Degree Celsius
a	Year
A	Ampere
cm	Centimetre
dB	Decibel
h	Hour
Hz	Hertz
kg	Kilogram
kW	Kilowatt
kWh/a	Kilowatt hour per year
L	Phase
L´	Switched phase
m	Metre
mA	Milliampere
mbar	Millibar
max.	Maximum
min.	Minimum
mm	Millimetre
m <sup>3</sup> /h	Cubic metre per hour
N	Neutral wire
Pa	Pascal
PE	Earth wire
R	Radius
s	Second
U-Wert	Heat transfer coefficient
V	Volt
W	Watt
W/(m <sup>2</sup> K)	Watt per square metre and kelvin



Version 01 | 2021

---

**D**

BORA Lüftungstechnik GmbH  
Rosenheimer Straße 33  
D-83064 Raubling, Germany  
T +49 (0) 80 35 98 40-0  
F +49 (0) 80 35 98 40-3 00  
info@bora.com

**A**

BORA Vertriebs GmbH & Co KG  
Innstraße 1  
A-6342 Niederndorf, Austria  
T +43 (0) 53 73 6 22 50-0  
F +43 (0) 53 73 6 22 50-90  
mail@bora.com

**INT**

BORA Holding GmbH  
Innstraße 1  
A-6342 Niederndorf, Austria  
T +43 (0) 53 73 6 22 50-0  
F +43 (0) 53 73 6 22 50-90  
mail@bora.com

---

For further information, please do not hesitate to contact your BORA distribution partner using the form or details provided at [www.bora.com/service/kontakt/](http://www.bora.com/service/kontakt/)  
Errors and technical changes reserved.

[www.bora.com](http://www.bora.com)

