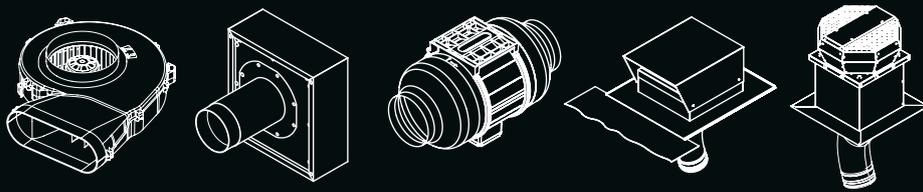
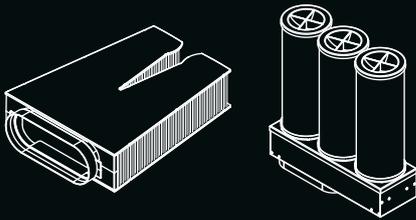


BORA universal articles Highlights

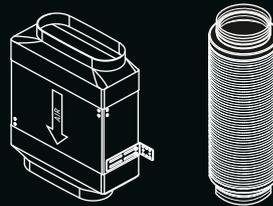
BORA fans



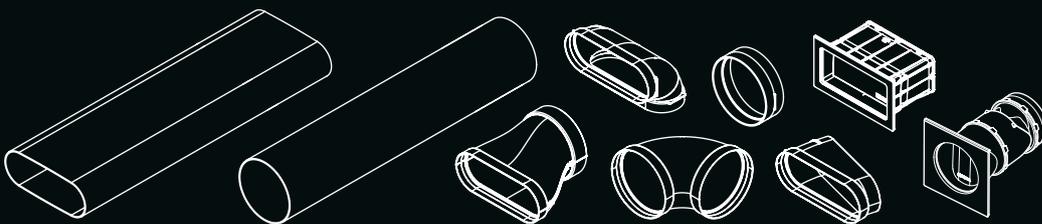
BORA air cleaning boxes



BORA silencers



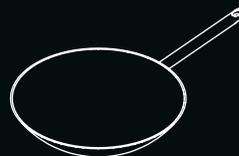
BORA duct system & wall sleeve



BORA universal article accessories

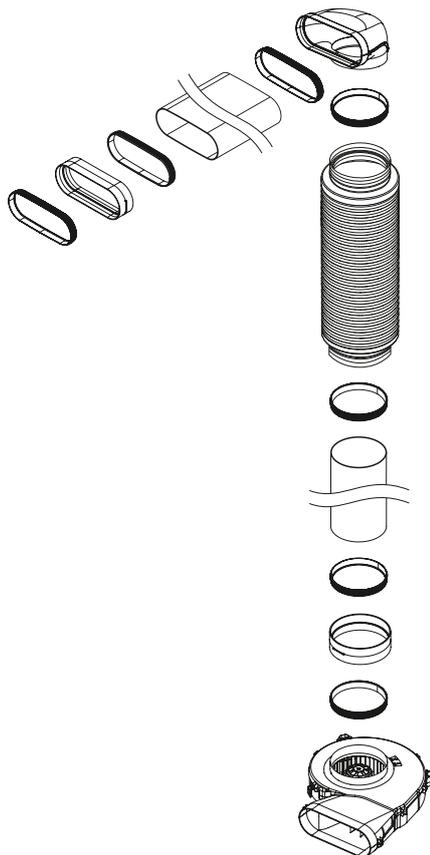


BORA merchandise



UESDRSL

BORA universal Ecotube set with USDR50 and ULS



Product description

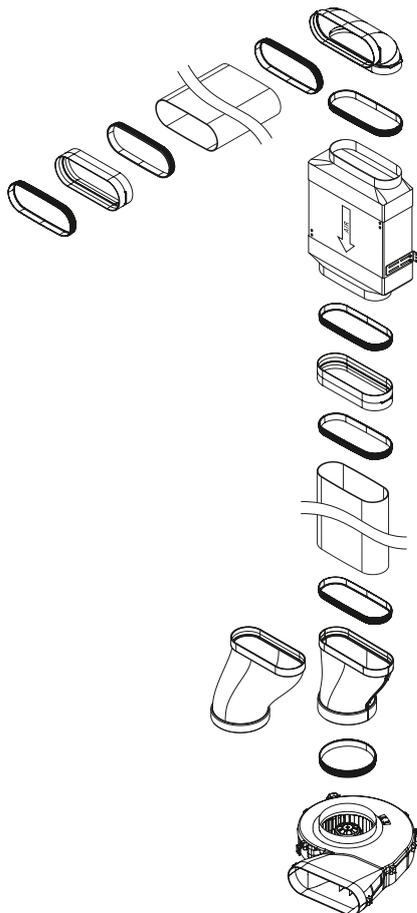
- Complete BORA system
- Integrated silencer and plinth fan
- Simple ordering
- 100% tight without additional taping
- Including required Ecotube seals

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

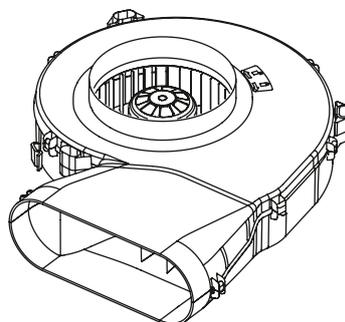
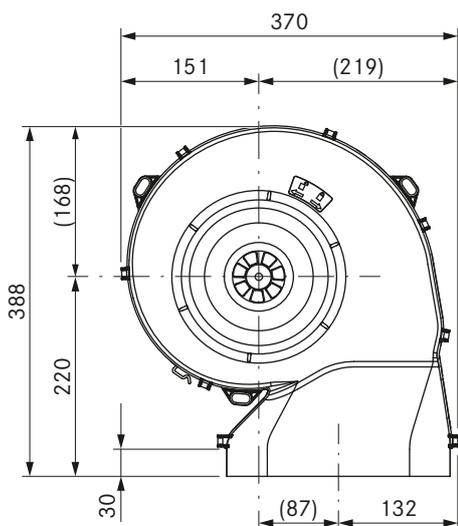
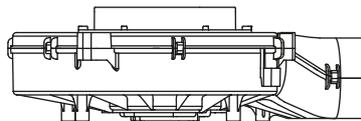
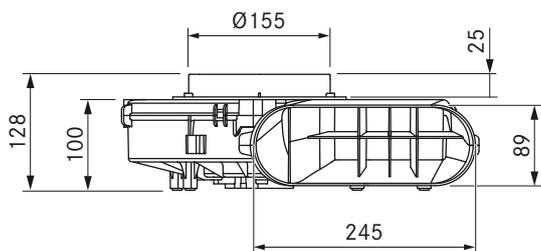
- Complete BORA system
- Integrated silencer and plinth fan
- Simple ordering
- 100% tight without additional taping
- Including required Ecotube seals

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 m ³ /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

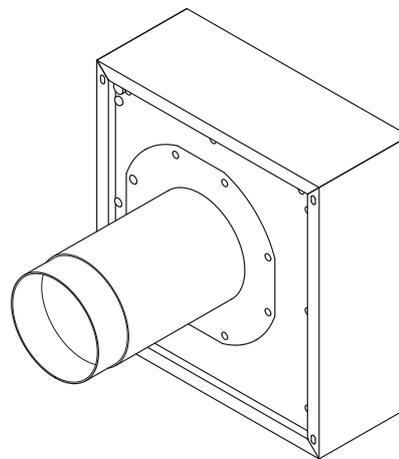
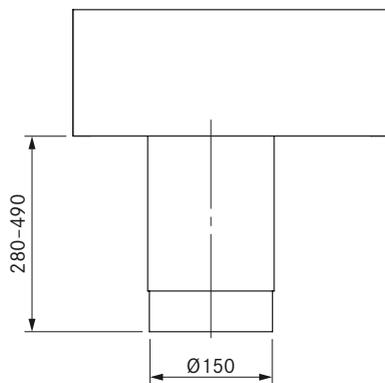
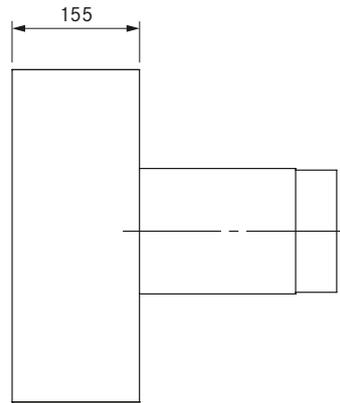
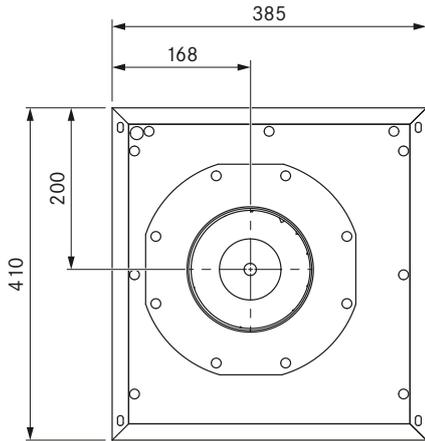
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

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

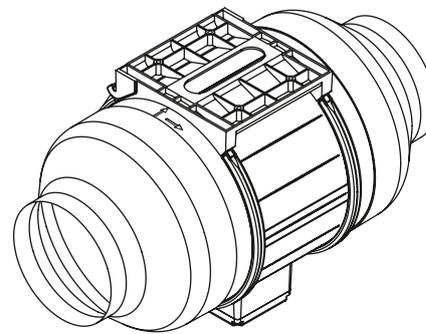
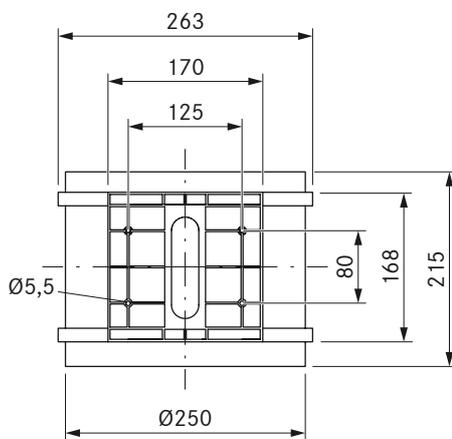
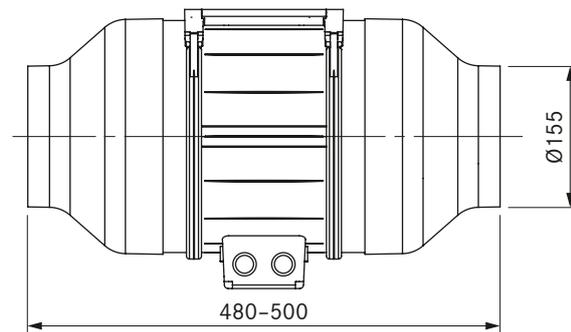
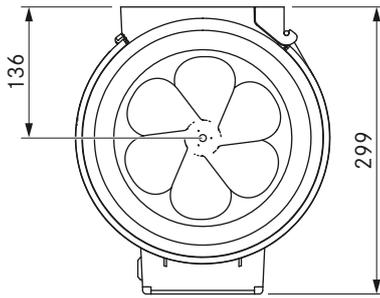
- ULA external wall fan
- Telescopic installation duct with integrated non-return valve
- Air repellent rail
- installation instructions
- Empty duct Ø 40 mm x 400 mm for cable passage
- 1,25 m EPDM sealing tape
- 4 x Ferrite sleeve

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 m ³ /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

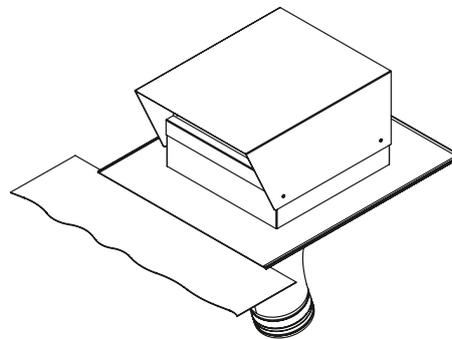
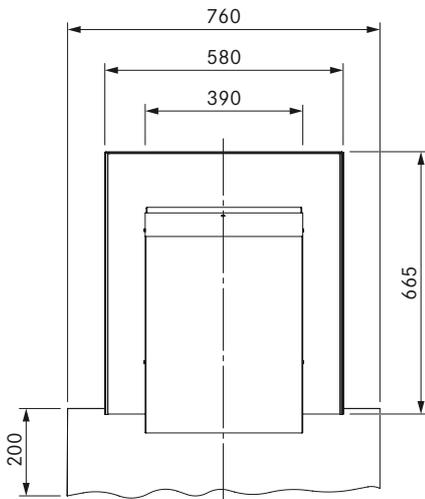
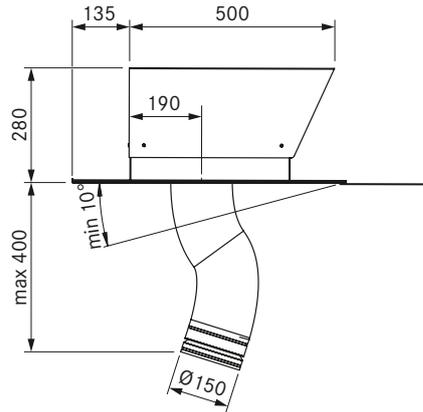
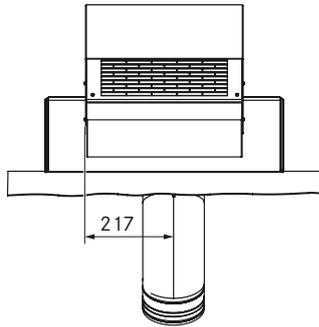
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

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

ULZ

BORA tiled roof fan EC



Technical data

Supply voltage	220 - 240 V
Frequency	50 Hz
Power consumption	206 W
Current consumption	1.66 A
Power supply cable length	10 m
Control line length	10 m
Dimensions (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 ³ /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

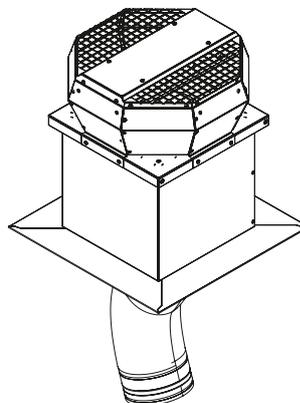
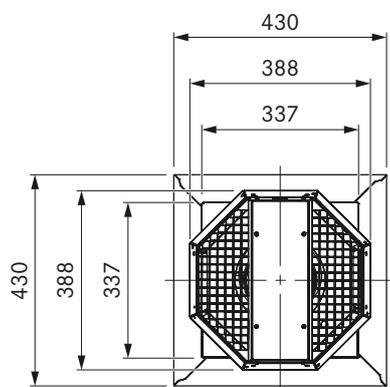
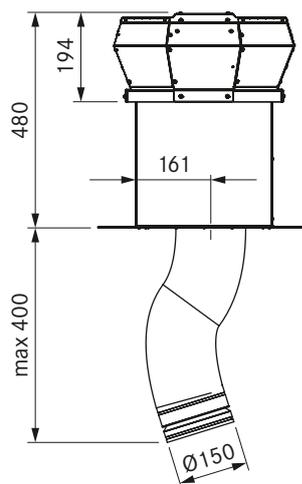
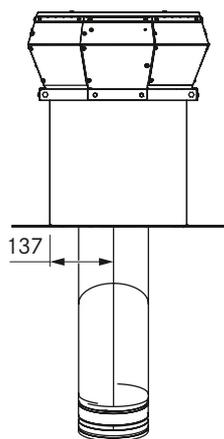
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

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 ³ /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

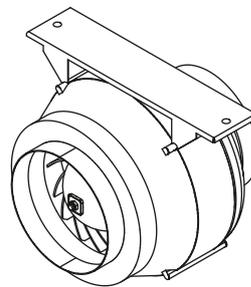
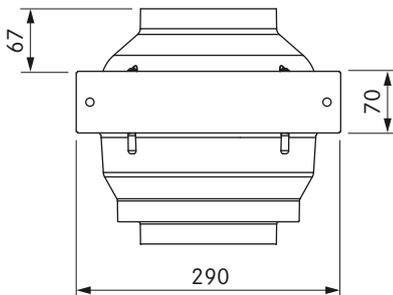
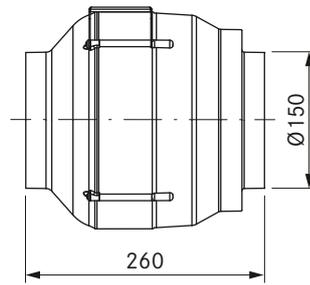
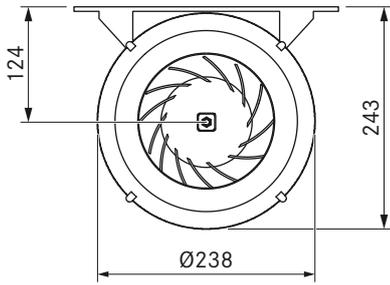
- Universal extension of UVNLE10 mains cable EC 10 m
- Universal extension of UVSLE10 control line EC 10 m

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 ³ /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

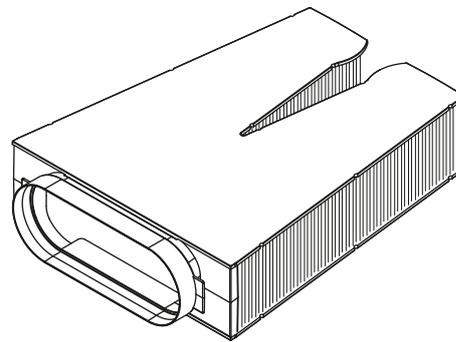
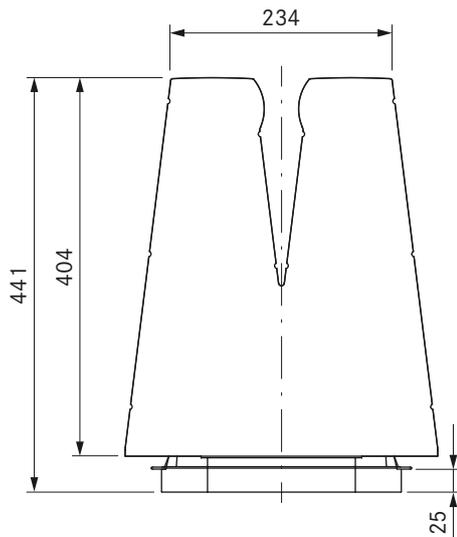
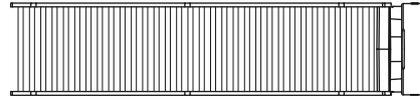
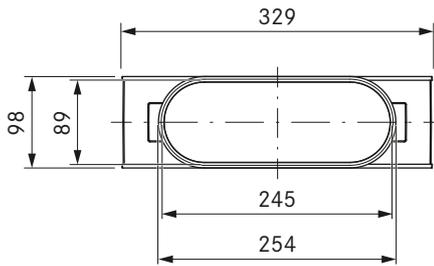
- Universal extension of UVNLE10 mains cable 10 m

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

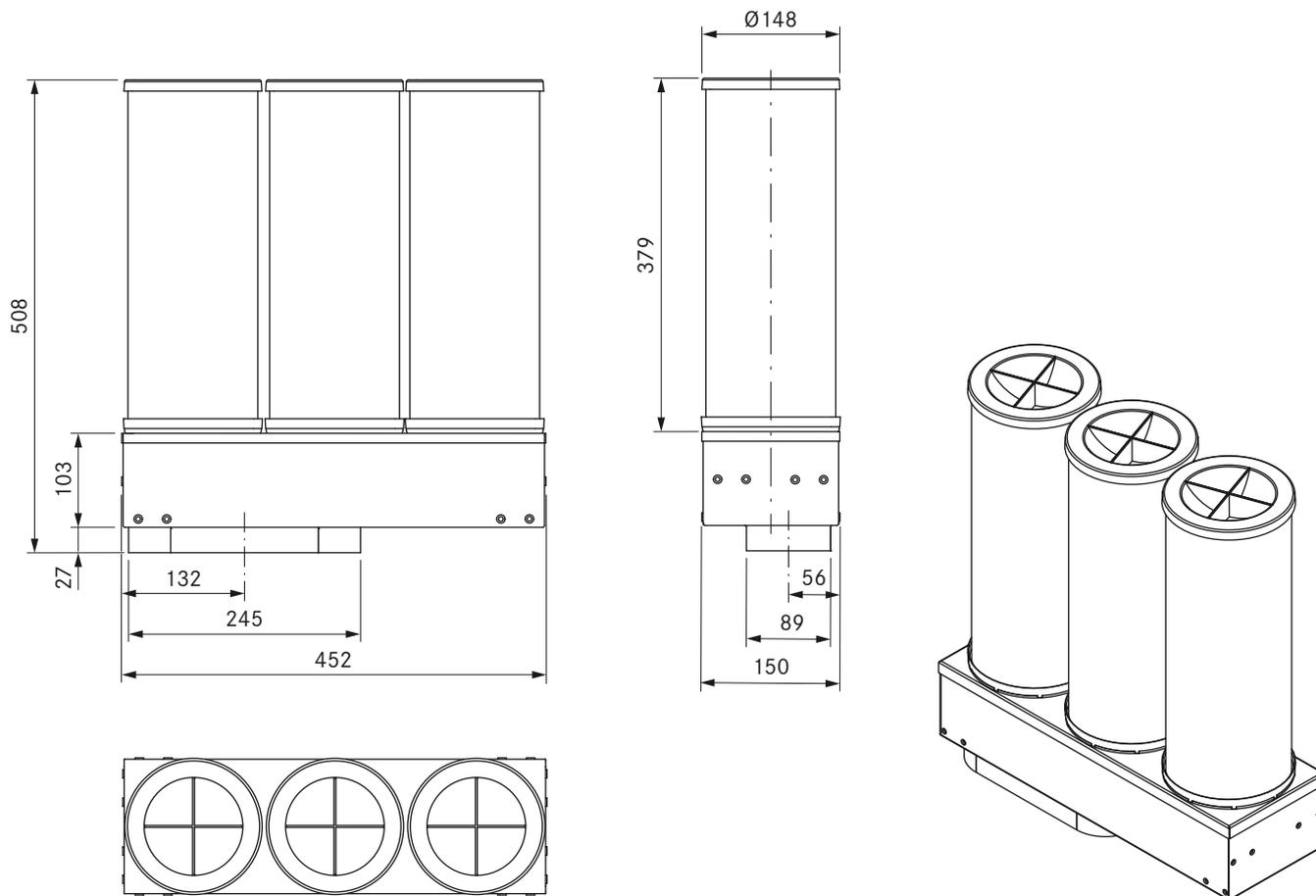
- Flexible air purification box ULBF
- 1x filter mounting bracket
- 2 x flat seal EFD
- 1 x EF47
- 1 x EFA
- 1 x UDB1
- installation instructions

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 cm² (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

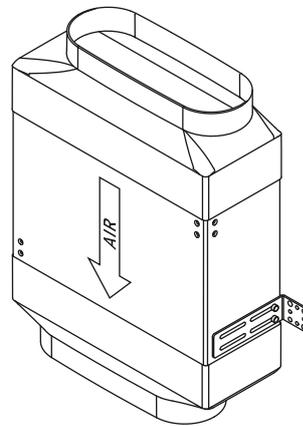
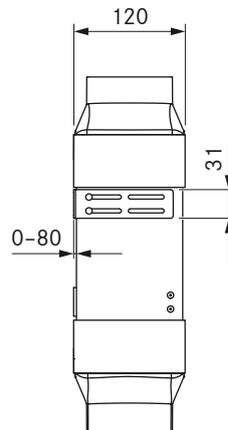
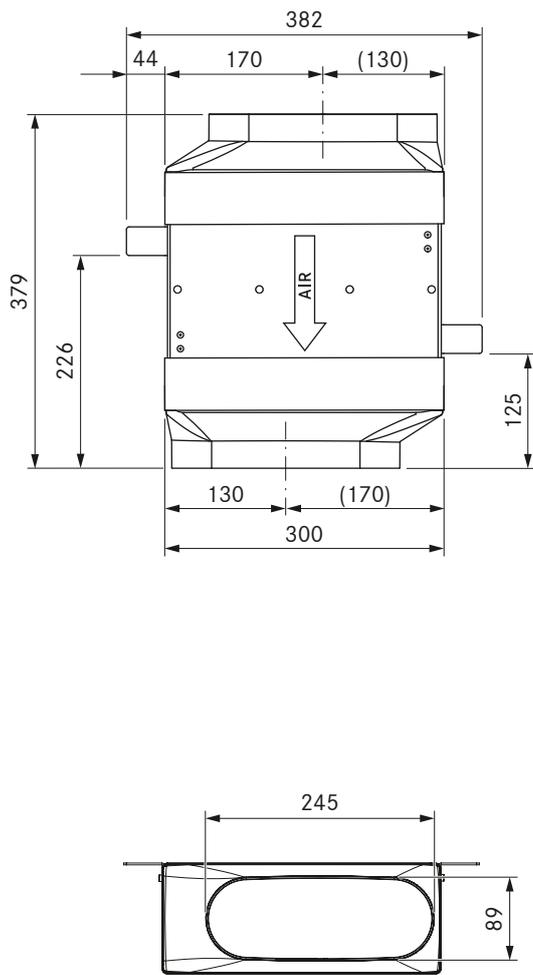
- replacement activated charcoal filter set ULB3AS

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 cm² (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

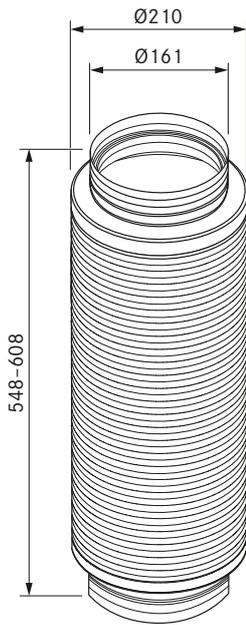
- USDF shallow silencer
- Fixing screw set
- 2 x angle brackets
- installation instructions

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

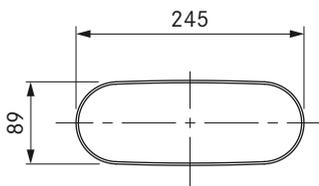
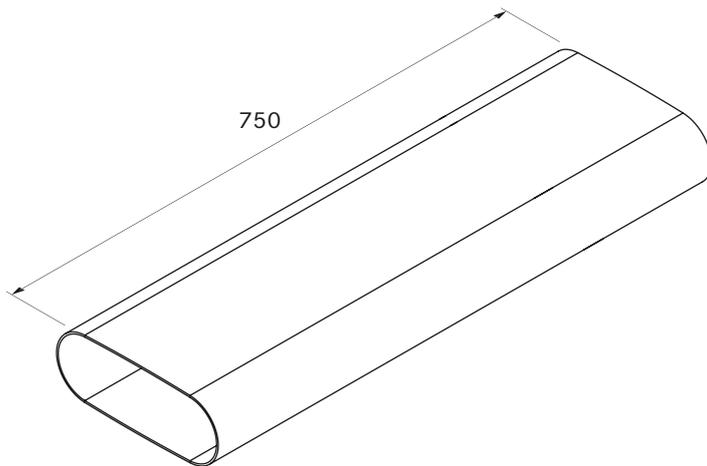
- Round silencer USDR50
- 2 x round seal ERD

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

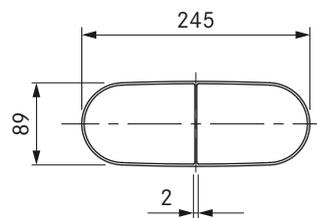
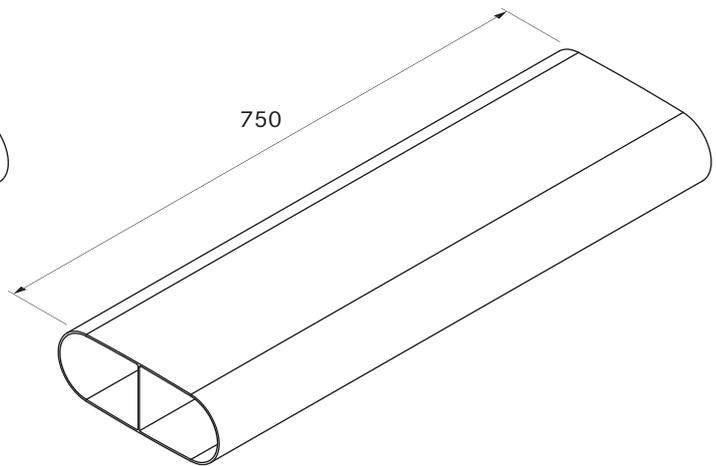
Dimensions (width x depth x height)	245 x 750 x 89 mm
Weight	1.6 kg
Material property	B1 according to DIN 4102-1

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

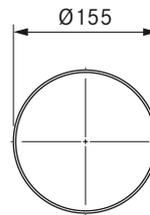
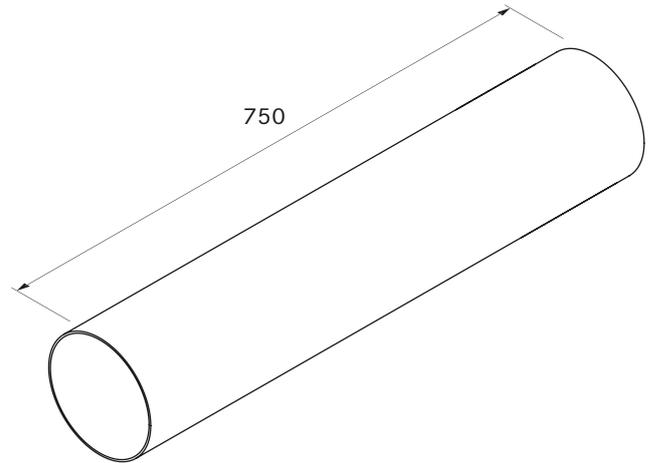
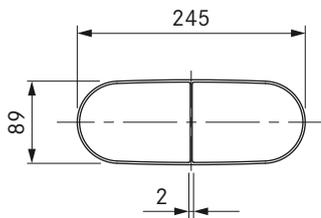
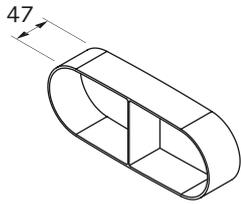
- Especially suited for installation in the floor structure
- Optimal extraction performance with the lowest possible noise level
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Individually shortenable
- Polished inner walls and oval cross section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

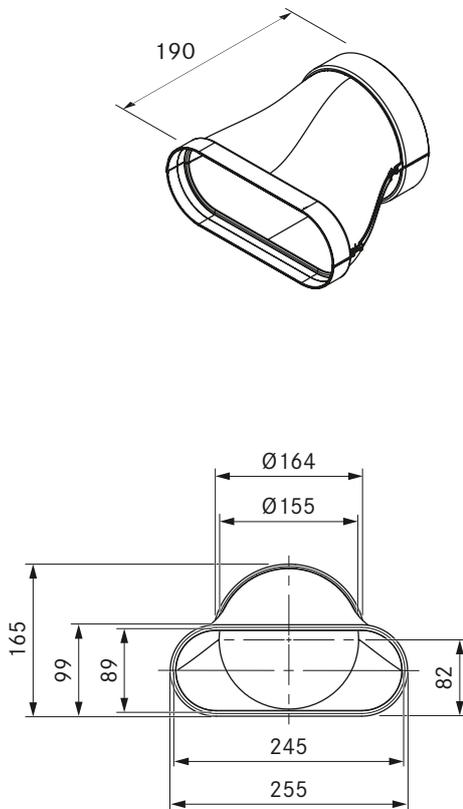
Dimensions (diameter)	Ø 155 x 750 mm
Weight	1.6 kg
Material property	B1 according to DIN 4102-1

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

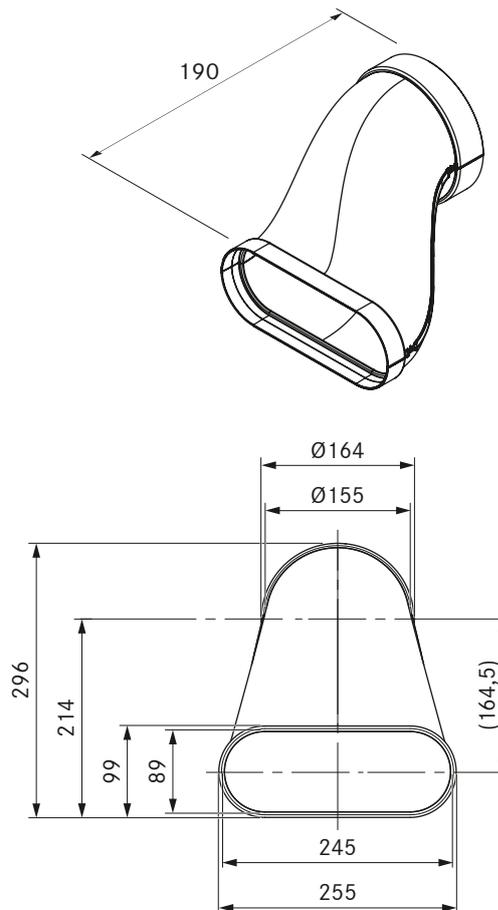
- EFMS/ERMS mounting bracket set

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

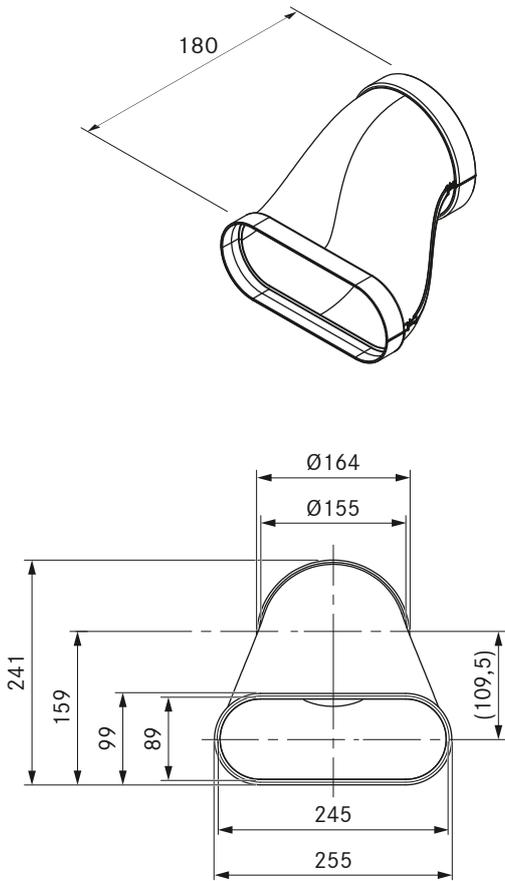
- EFMS/ERMS mounting bracket set

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

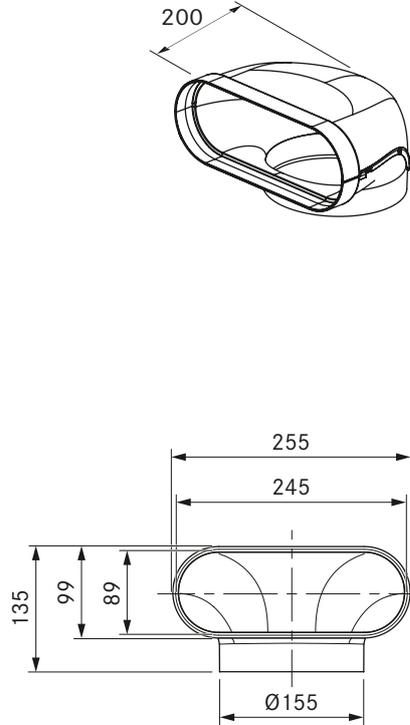
- EFMS/ERMS mounting bracket set

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

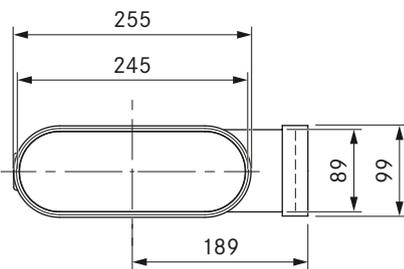
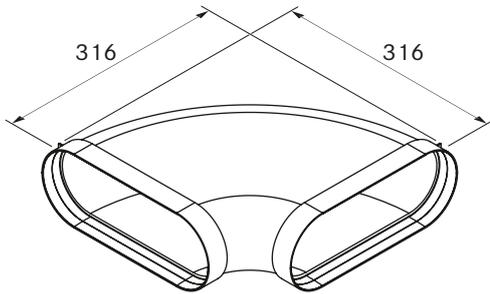
- EFMS mounting bracket set

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

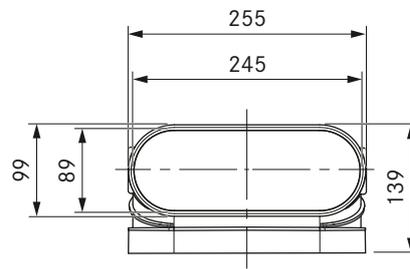
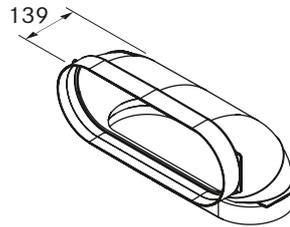
- EFMS mounting bracket set

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

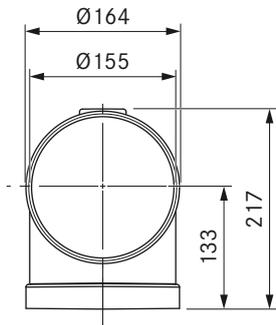
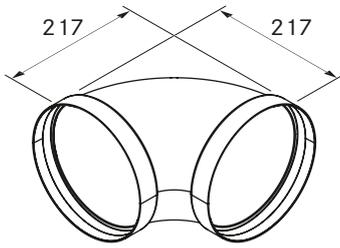
- EFMS mounting bracket set

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

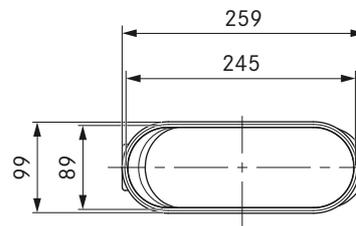
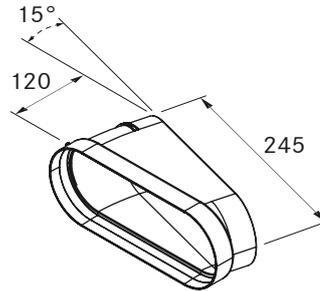
- ERMS mounting bracket set

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

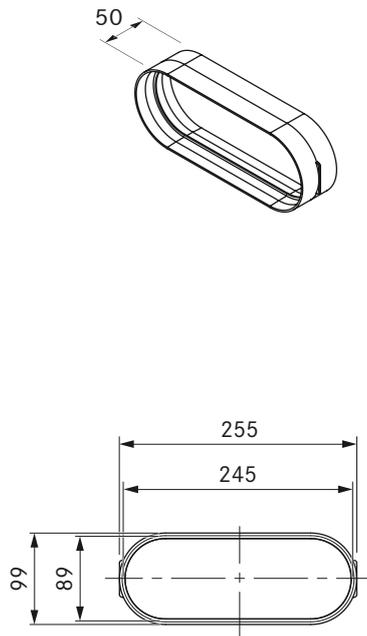
- EFMS mounting bracket set

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

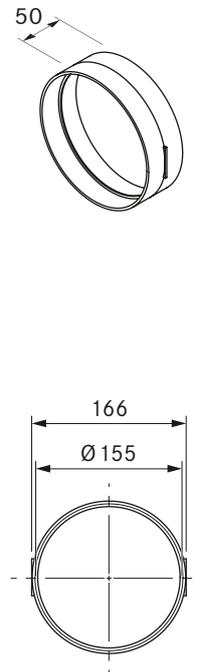
- EFMS mounting bracket set

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

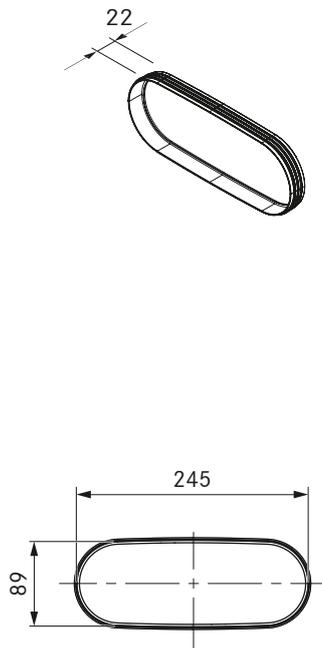
- ERMS mounting bracket set

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

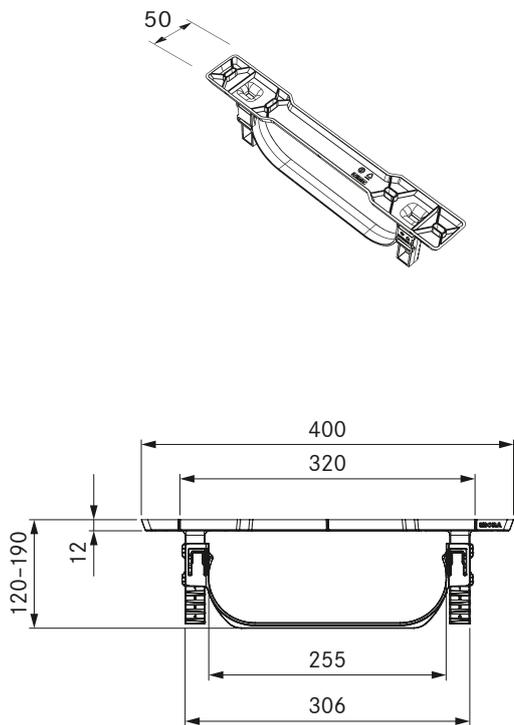
- own duct system
- Full flexibility in the exhaust ducting
- 100% tight without additional taping
- Complete BORA system

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

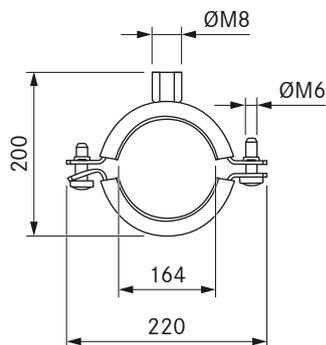
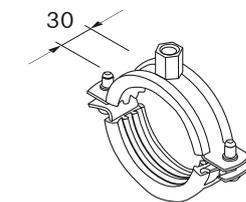
- own duct system
- Material class B1
- Complete BORA system

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

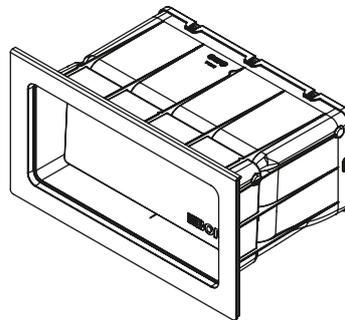
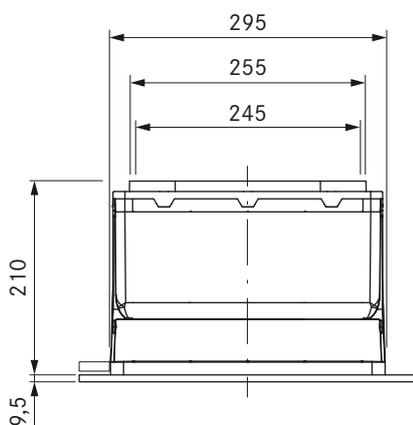
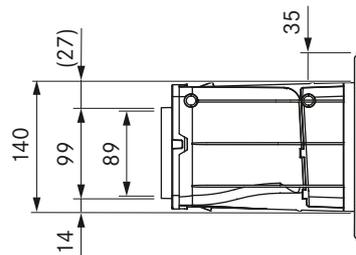
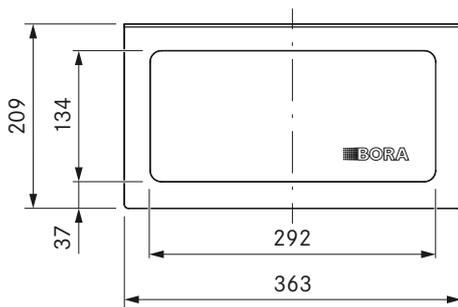
- Pipe clip
- M8 hanger bolt
- Corresponding dowel

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

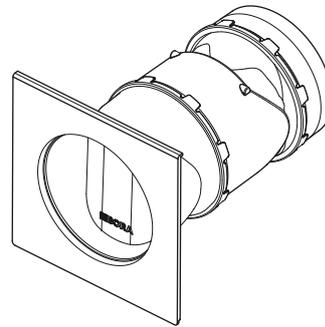
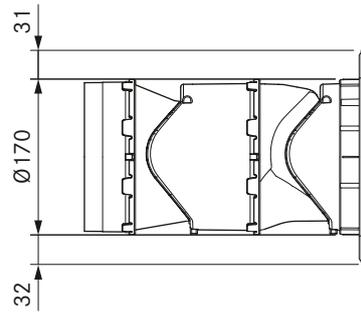
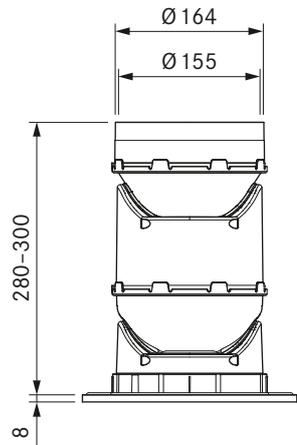
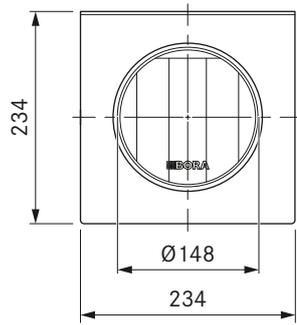
- BORA 3box wall sleeve safety guard UEBFES

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

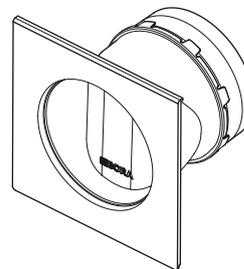
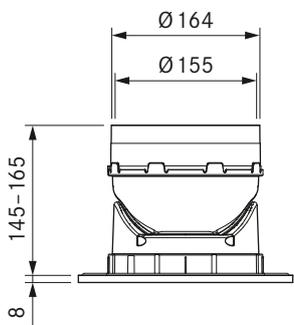
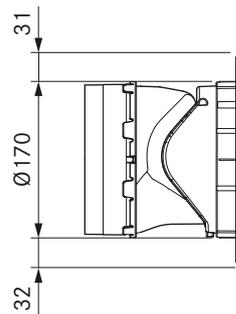
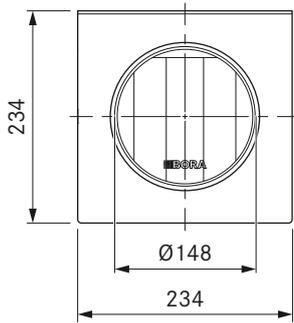
- BORA 3box wall sleeve round safety guard UEBRES

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

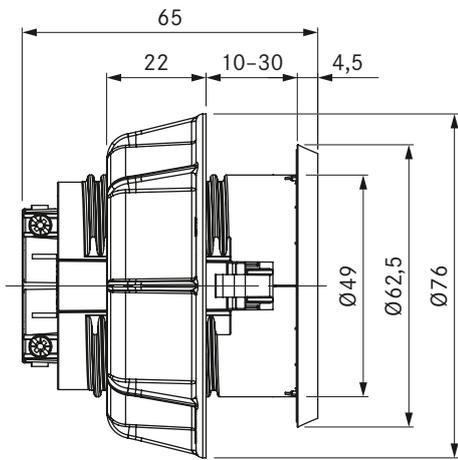
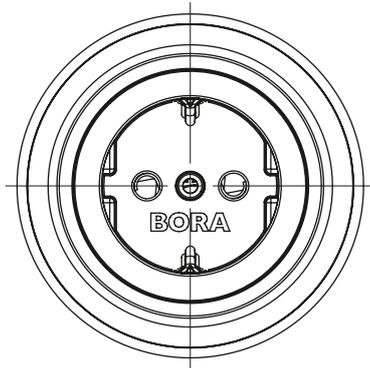
- BORA 3box wall sleeve round safety guard UEBRES

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

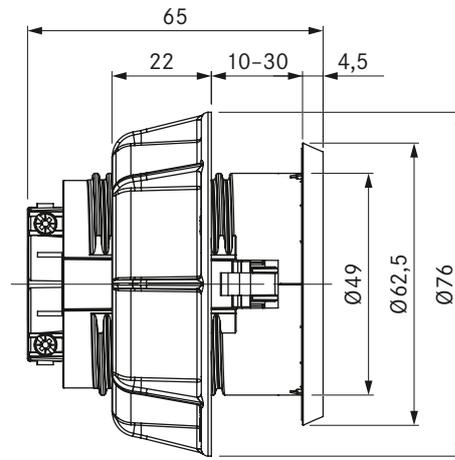
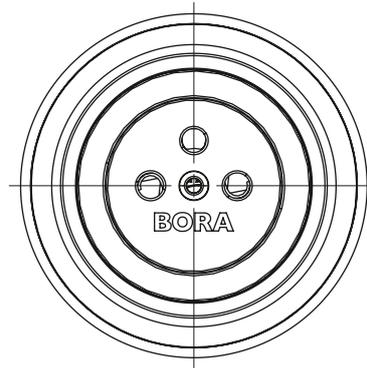
- Socket USTF
- 2 m connection cable with country-specific plug

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

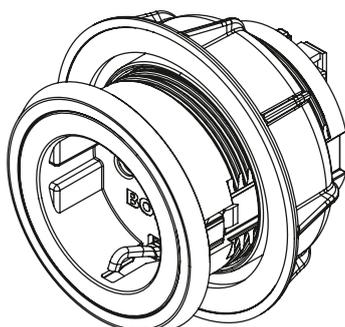
- Connectivity for small electrical kitchen appliances
- Integrated childproofing feature
- Suitable for FR, PL, BE, CZ, SK
- Spacing ring in the scope of delivery
- Integrated 2 m connection cable
- Uniform cover drill diameter
- matching accessories
- Complete BORA system

Scope of delivery

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

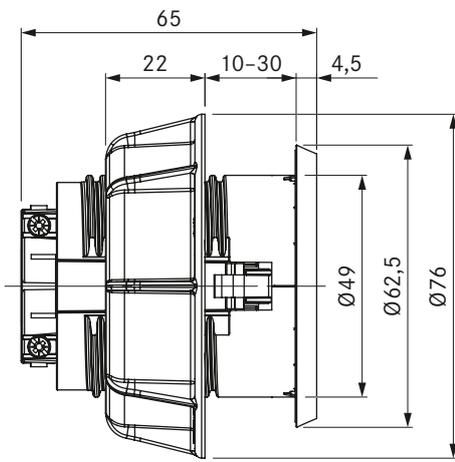
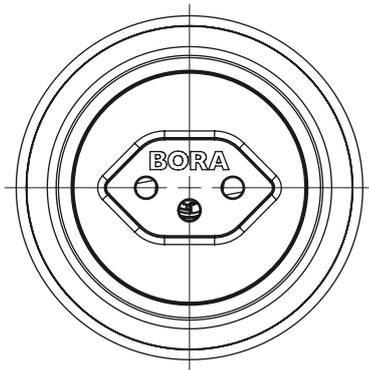
product- and planning instructions

- 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

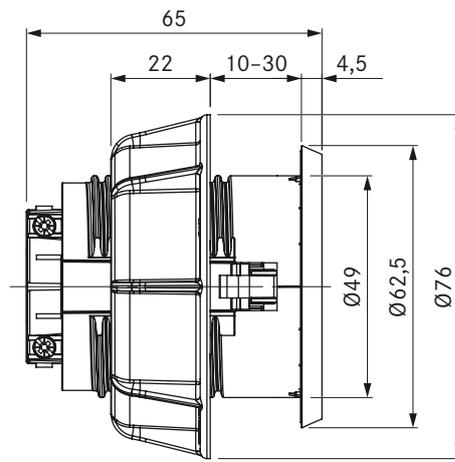
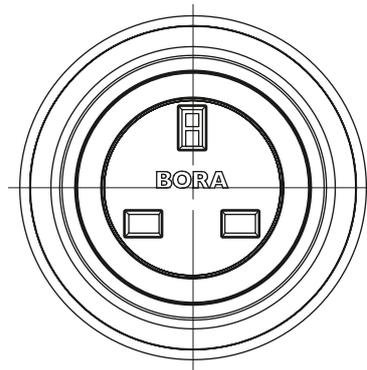
- Socket USTJ
- 2 m connection cable with country-specific plug

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

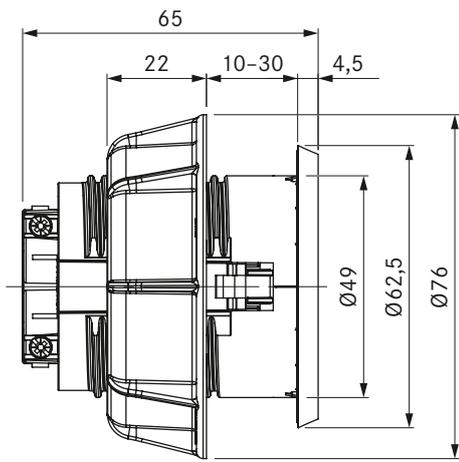
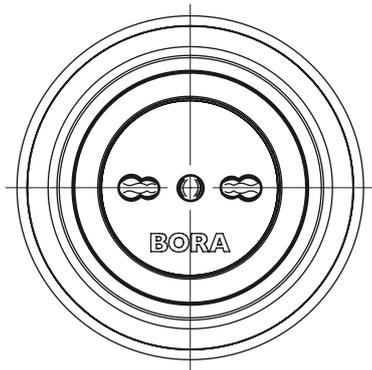
- Socket USTG
- 2 m connection cable with country-specific plug

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

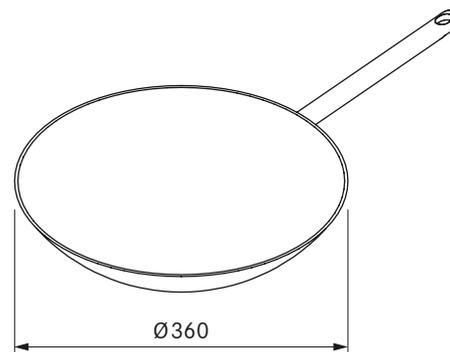
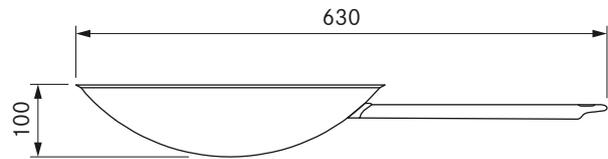
- Socket USTL
- 2 m connection cable with country-specific plug

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

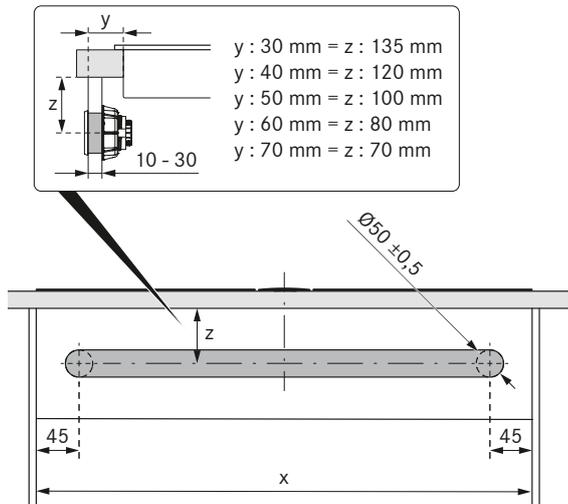
Scope of delivery

- HIW1 BORA induction wok

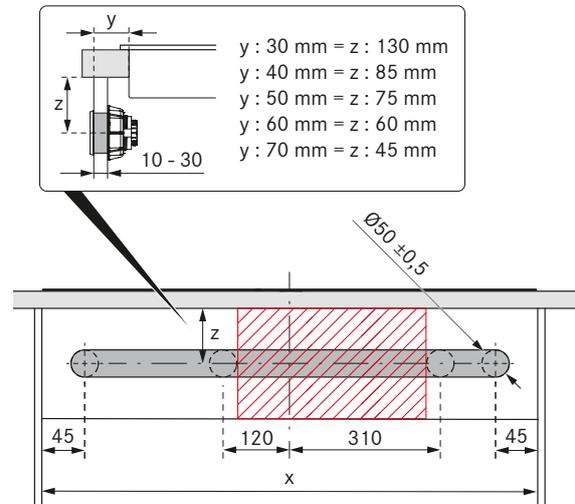
Socket positioning

Installation instructions for BORA sockets

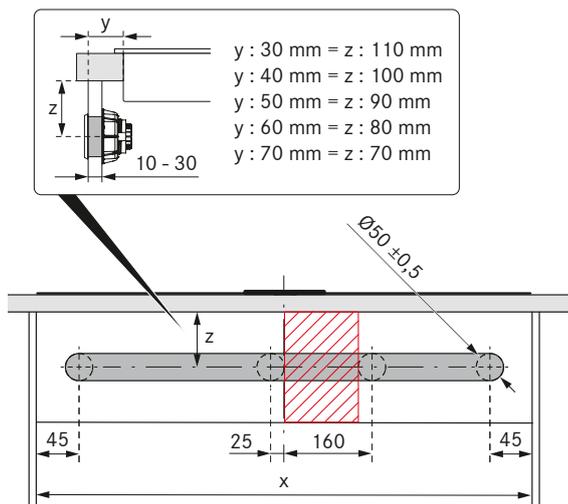
Classic 2.0



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

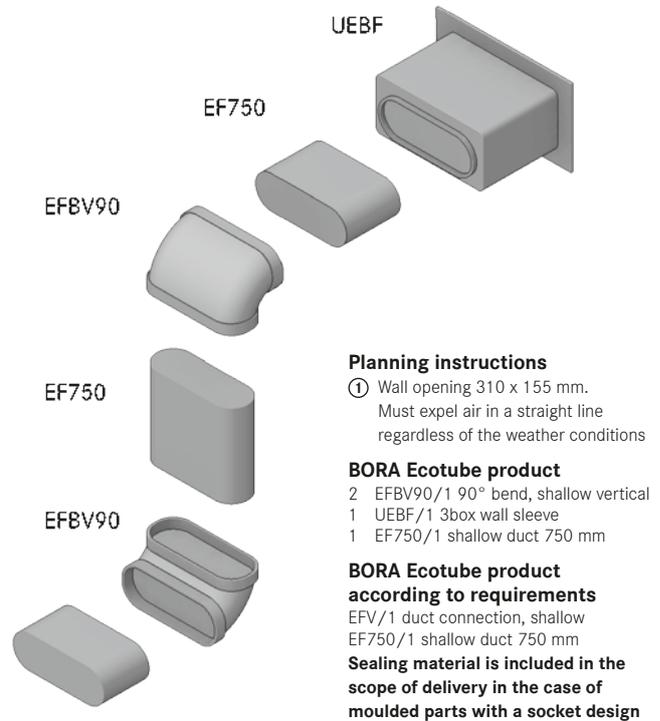
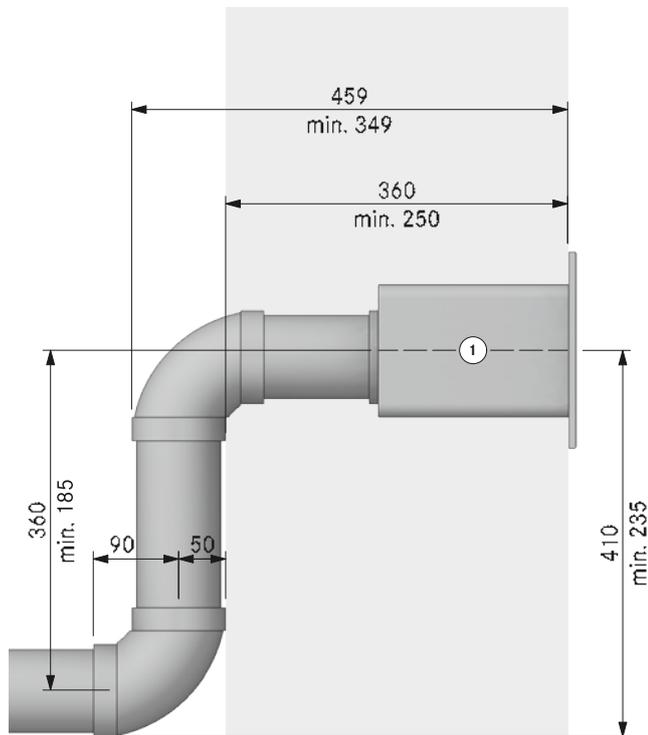
additional nozzle sets for PKG3

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

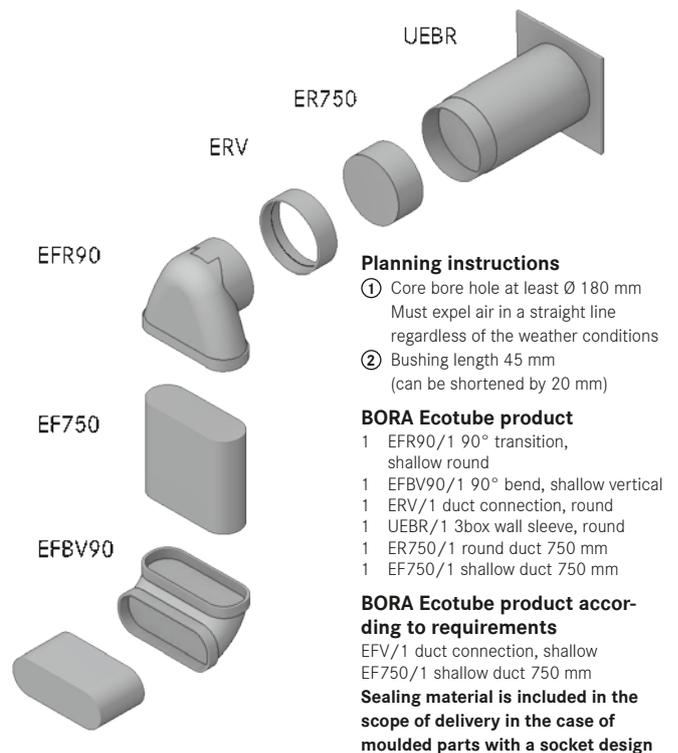
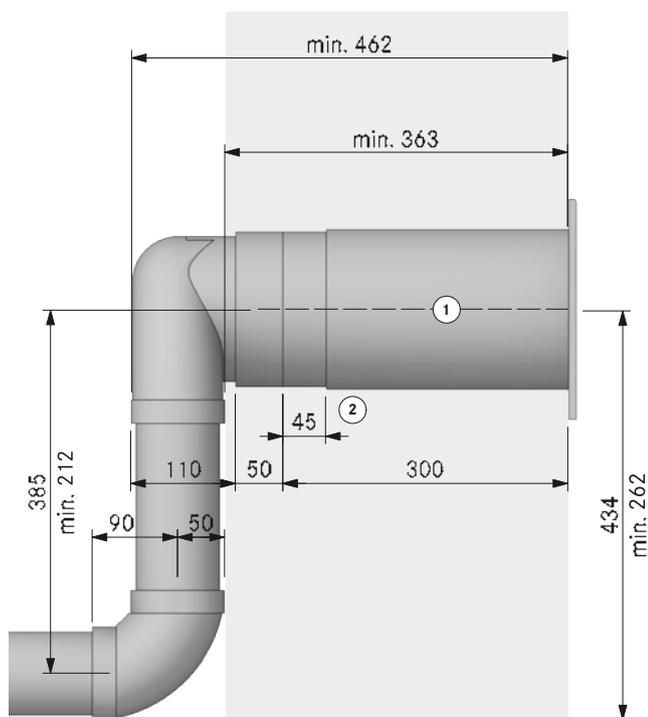
Detail drawings

Ducting

MP_9042 ducting with S-bend wall sleeve UEBF



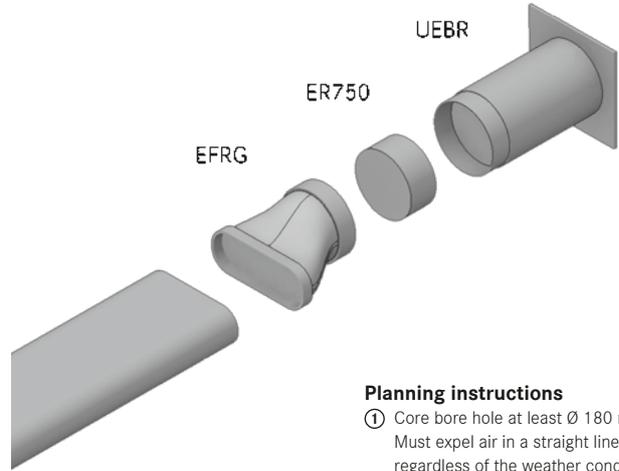
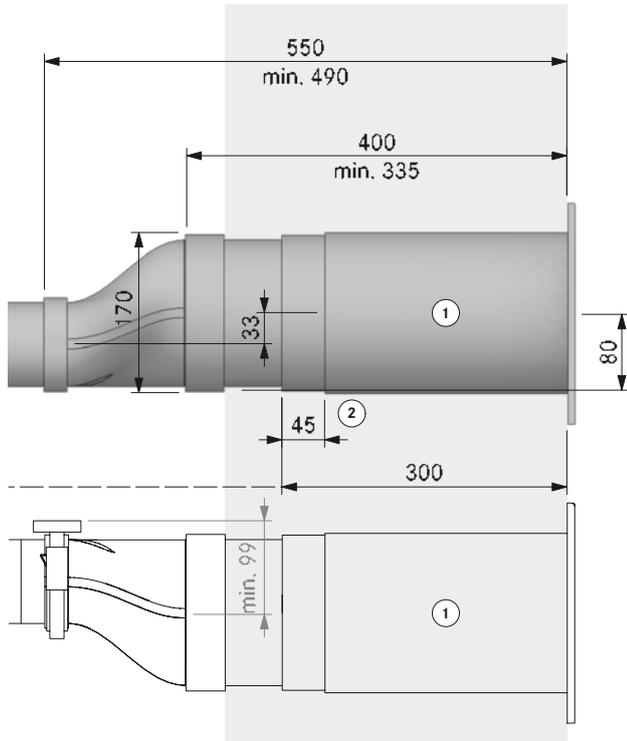
MP_9062 ducting with S-bend wall sleeve UEBR



Detail drawings

Ducting

MP_9066 ducting shallow with transition piece to wall sleeve UEBR



Planning instructions

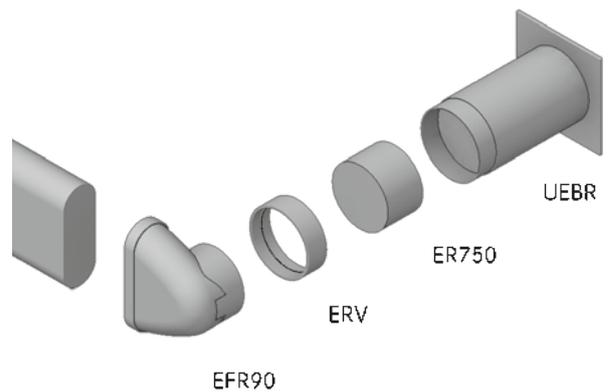
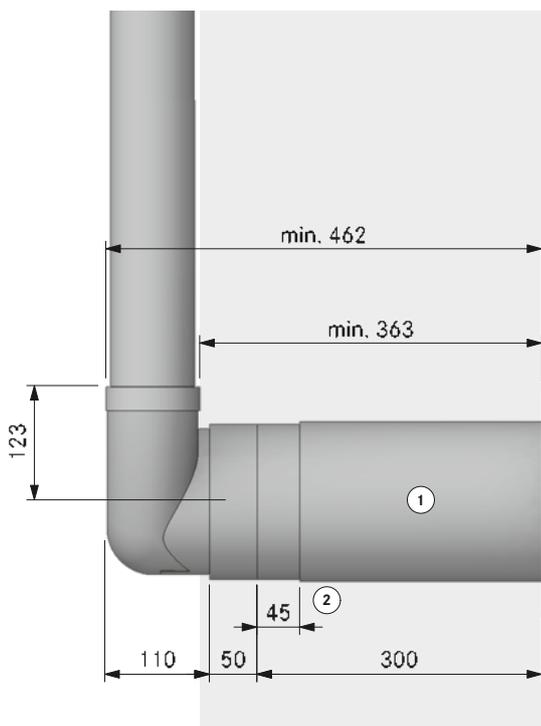
- ① Core bore hole at least \varnothing 180 mm
Must expel air in a straight line regardless of the weather conditions
- ② Bushing length 45 mm
(can be shortened by 20 mm)

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

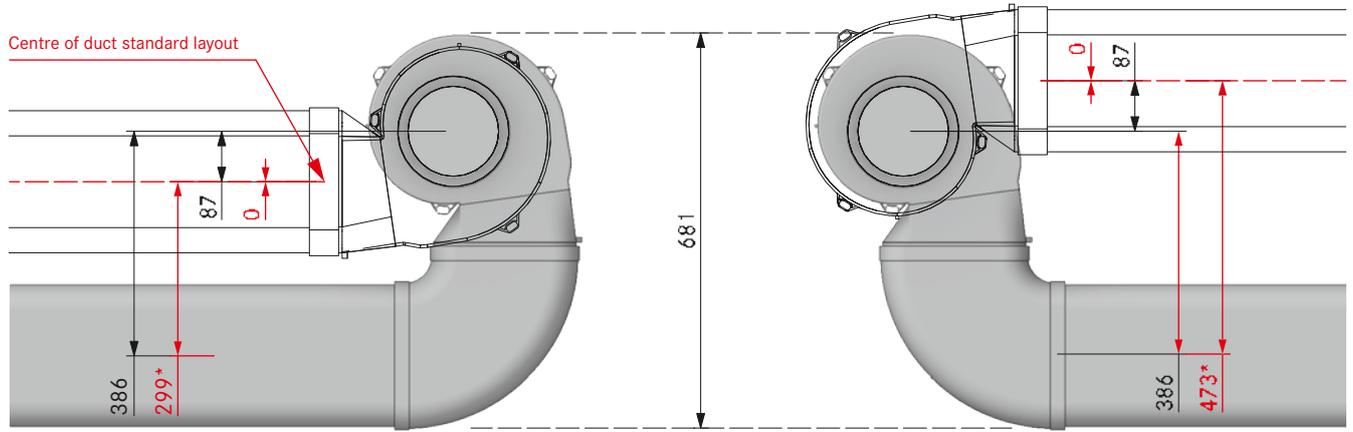
- 1 EFR90/1 90° transition, shallow round
- 1 ERV/1 duct connection, round
- 1 UEBR/1 3box wall sleeve, round
- 1 ER750/1 round duct 750 mm

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

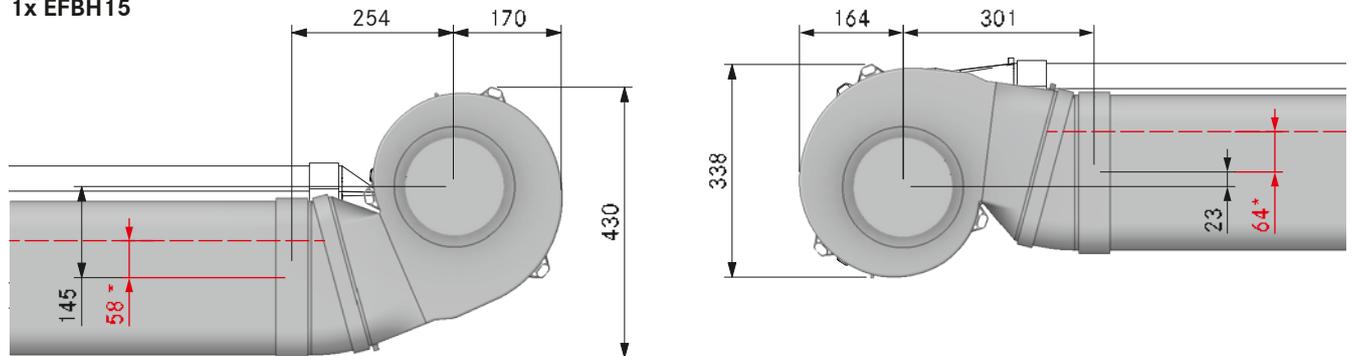
Detail drawings

Ducting

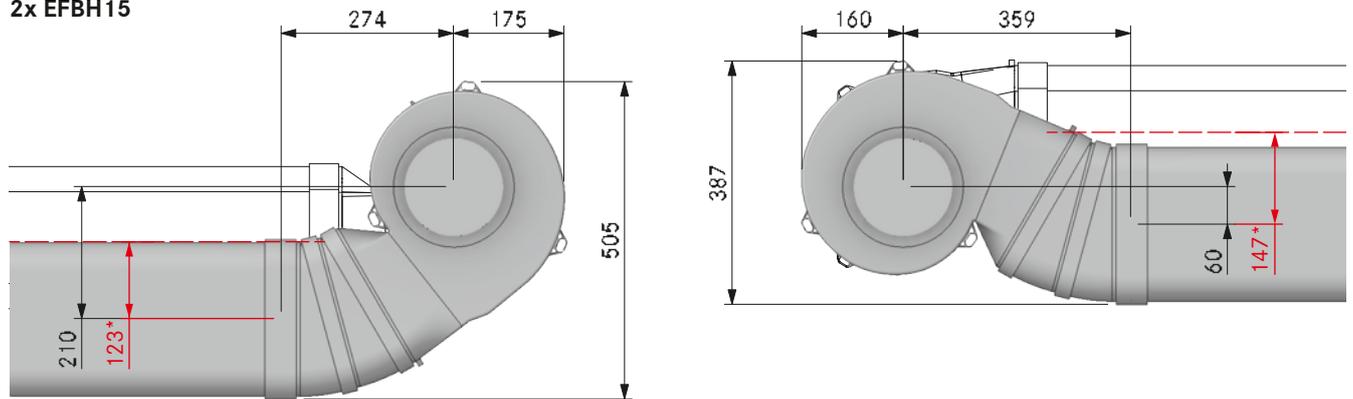
MP_9026 ducting plinth fan ULS with 15° bends EFBH15



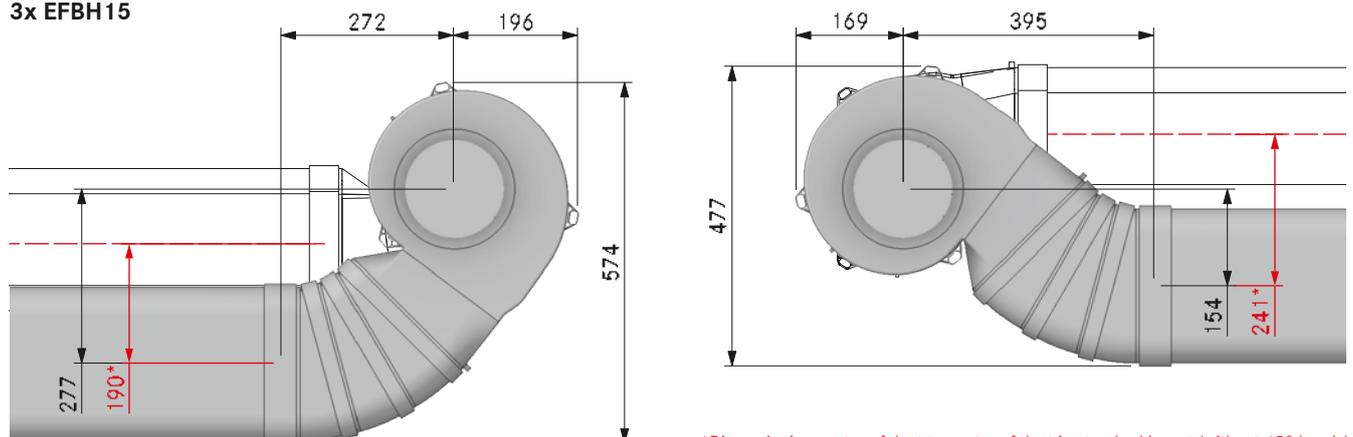
1x EFBH15



2x EFBH15



3x EFBH15

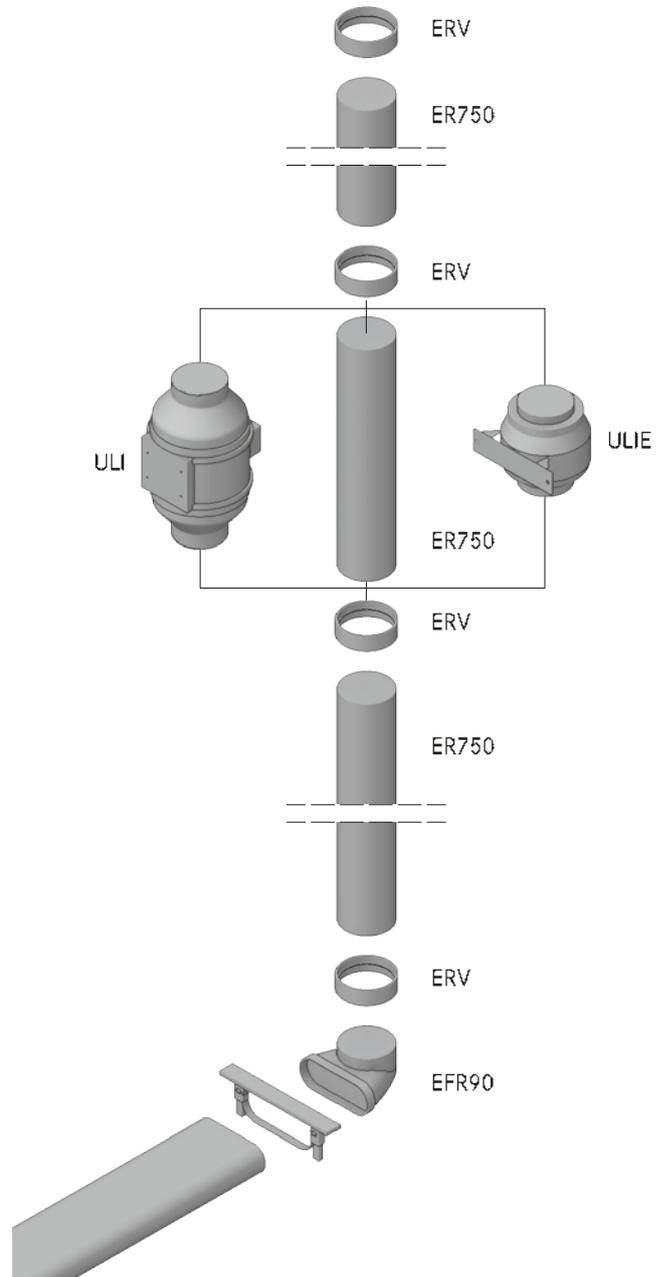
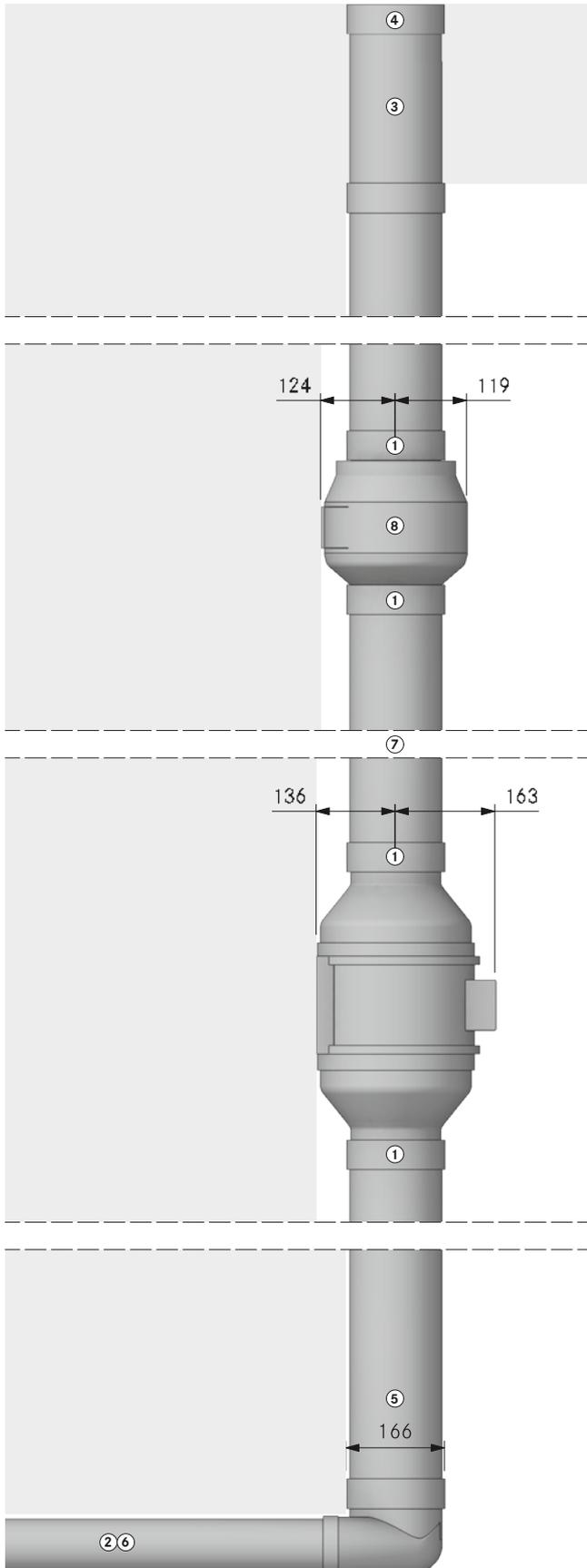


*Dimensioning centre of duct to centre of duct in standard layout (without 15° bends)

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

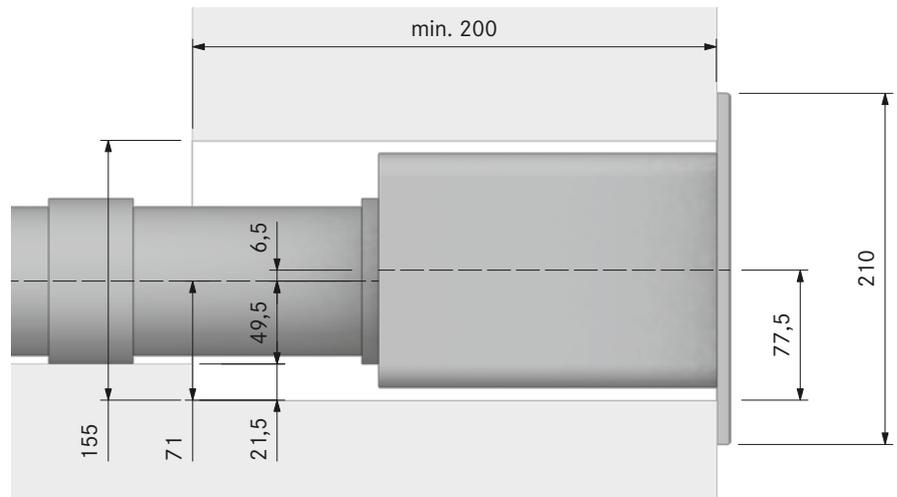
- ERV/1 duct connection, round
ER750/1 round duct 750 mm
ERMS/1 installation set, round

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

BORA 3box

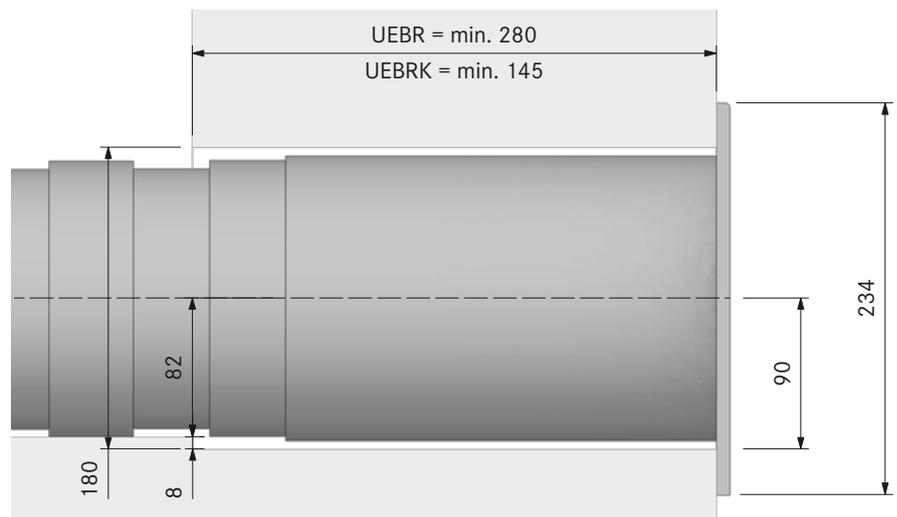
Wall sleeves

BORA 3box UEBF



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

BORA 3box UEBR / BORA 3box UEBRK



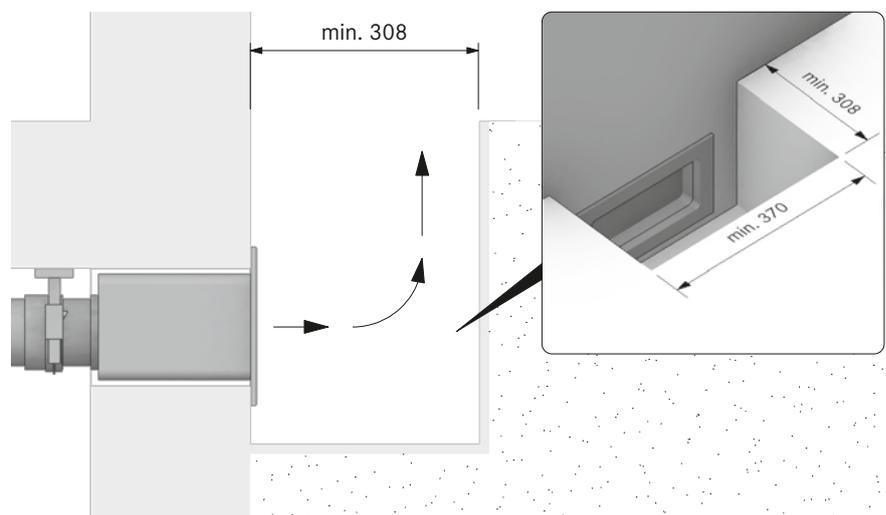
Please note that the wall sleeve has a protrusion on the lower end.

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

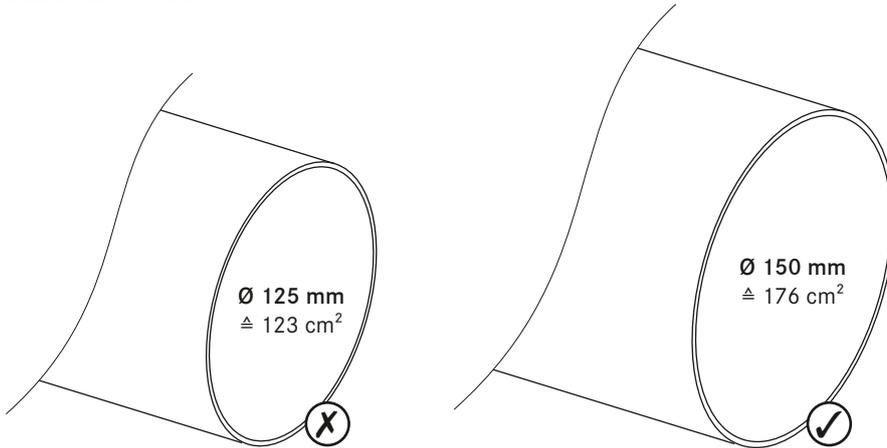
with the BORA Ecotube duct system

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 cm².



Variable design options

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



Shallow duct on the floor covering



Shallow duct on the ceiling



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

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



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

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



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

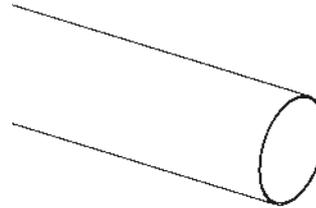


Pipes and ducts

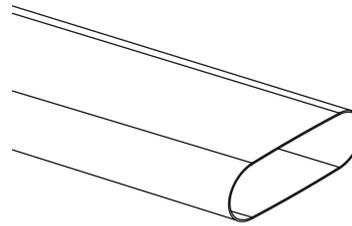
Advantages of BORA Ecotube

Pipe types

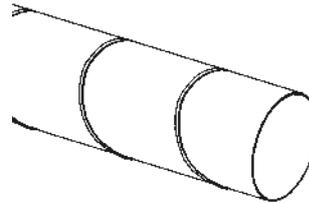
The BORA Ecotube cross-sections and shapes perfect the extraction behaviour and effectiveness of the BORA extraction systems. Please ensure that the minimum inner duct diameter of 150 mm (= 176 cm²) is adhered to.



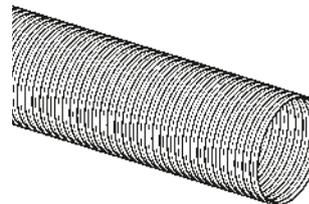
Round pipe:
Ecotube ER750/1



Shallow duct:
Ecotube ER750/1



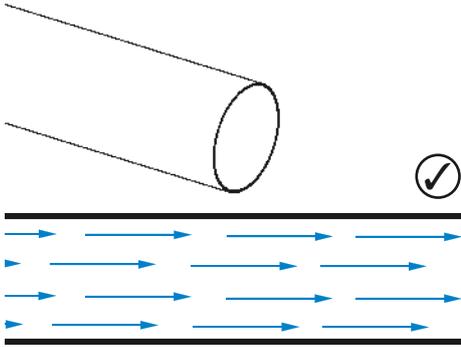
Spiral duct



Aluflex hose

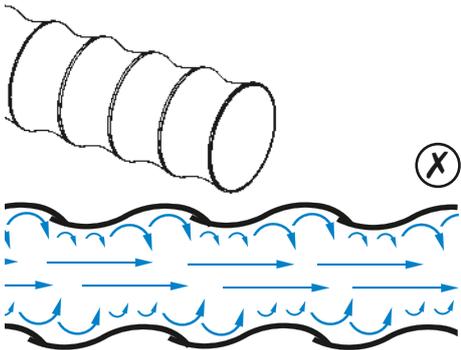
Optimum flow on pipe inner surfaces

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

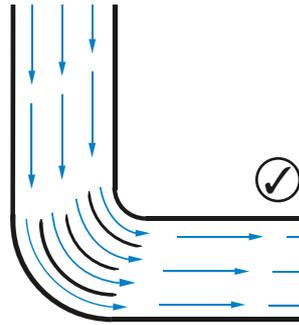


Conventional spiral hose:

Very poor flow as a result of an extremely uneven surface

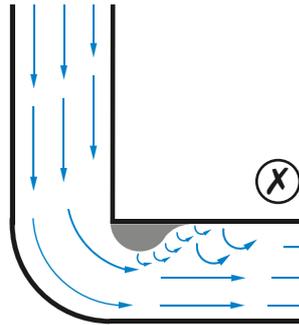
Bends

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.



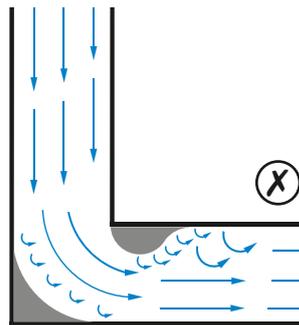
BORA Ecotube:

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:

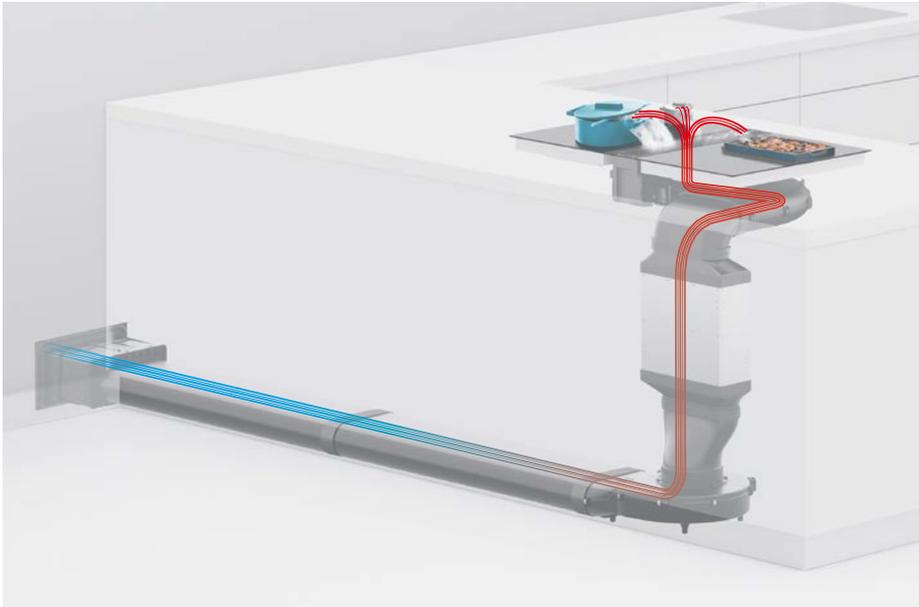
Air turbulence is created after the sharp corners.

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.



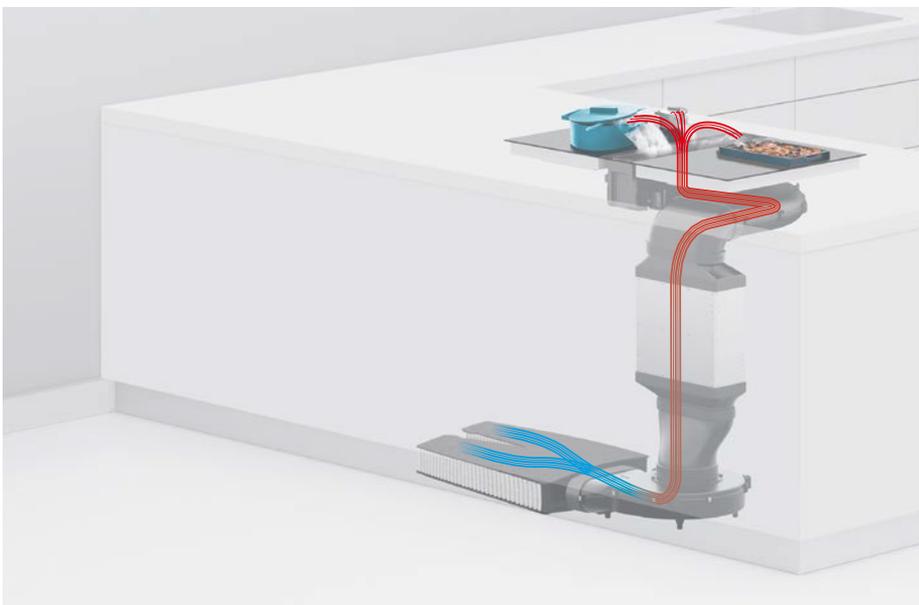
Exhaust air installation example: Classic 2.0 – CKA2
(same principle for all BORA systems)

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

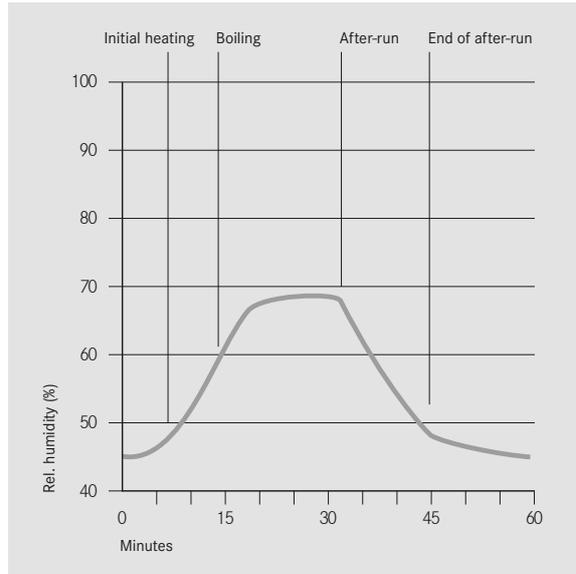
Humidity when cooking in recirculation mode

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.

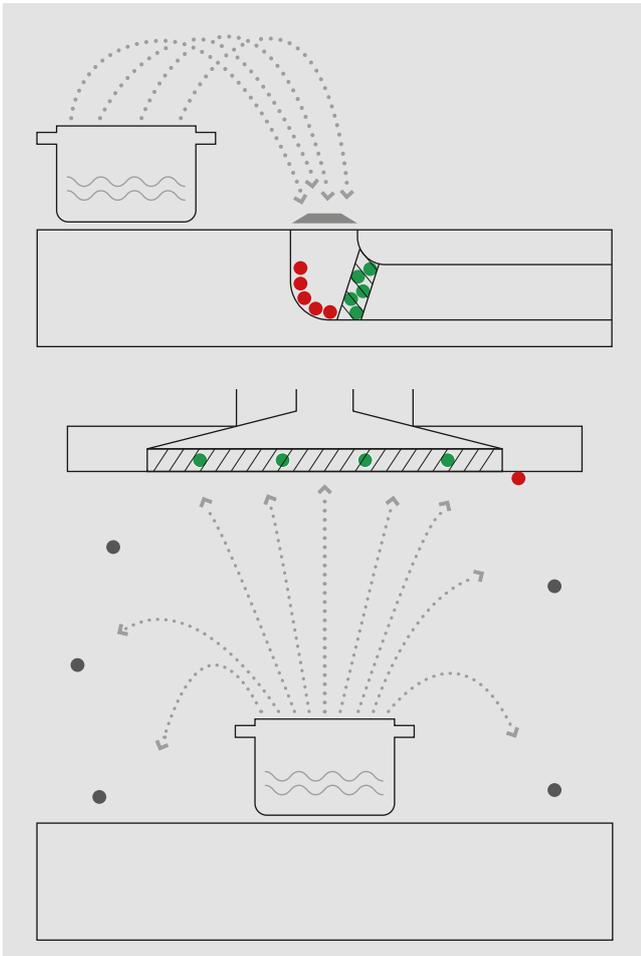
BORA cooktop extractors and recirculation systems are optimally tailored to one another. The cooktop extractor has an automatic after-run function to ensure not only sufficient air exchange but also the optimum performance and service life of the recirculating filter.



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

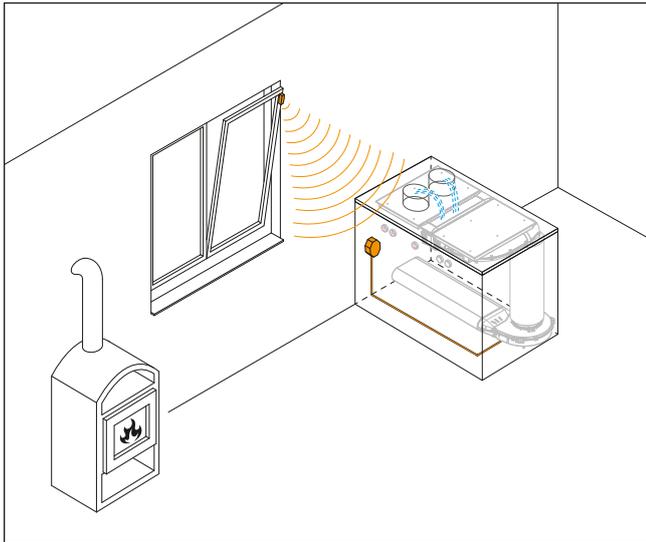
Simultaneous exhaust mode with fireplaces

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.

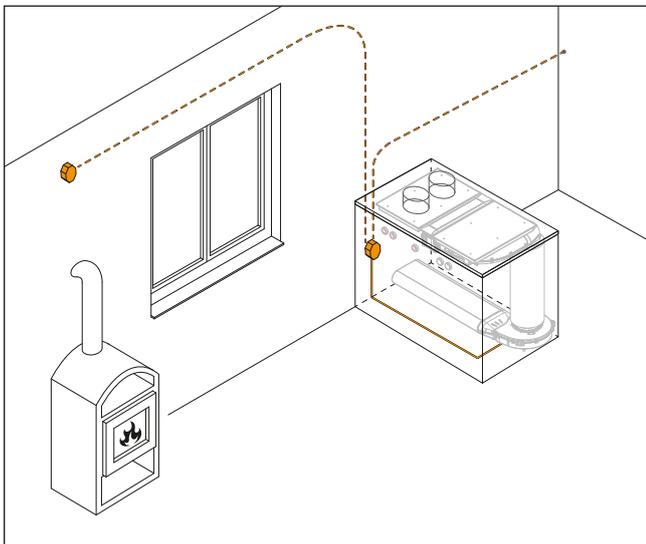
This applies both to fireplaces that depend on the air in the room and to those which don't.

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.

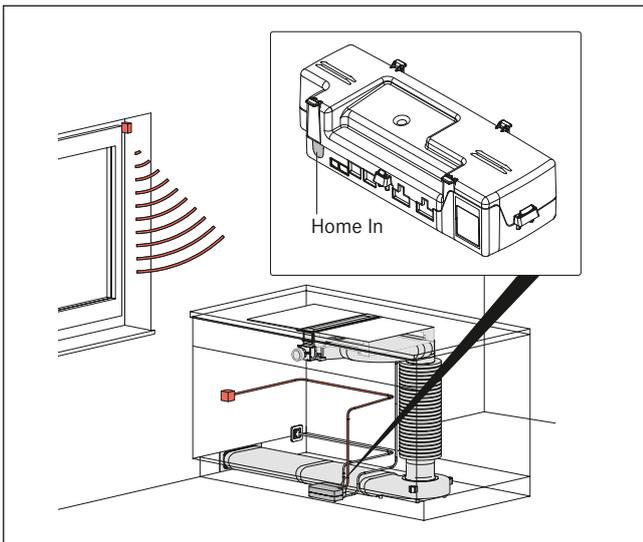
External switch contacts

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.

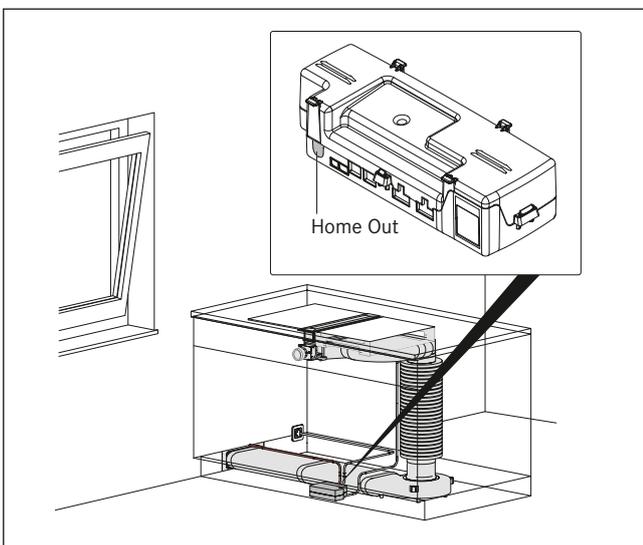
With the optional accessory module PUHIM (BORA Pure Home In module), the BORA X Pure/BORA Pure cooktop extractor system can be upgraded with an interface for external devices.



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



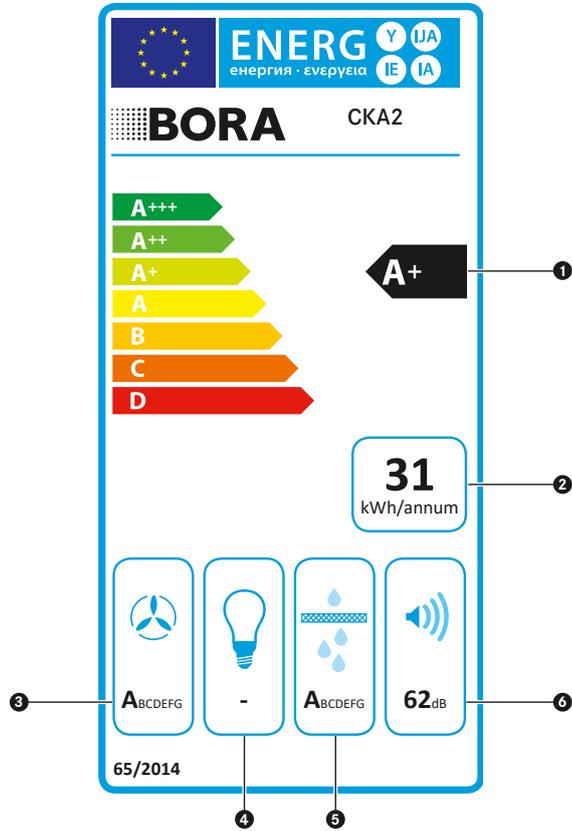
- ❶ Minimum clearance of 300 mm from the left and right of the worktop cut-out to the adjacent kitchen unit or wall.
- ❷ Minimum clearance of 50 mm at the back from of the worktop cut-out to the rear edge of the worktop (70 mm for PKC3, PKCB3 and PKCH3 Professional 3.0 cooktops installed rotated by 180°).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

	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			
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	X								X	X		X	X		X	X
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		X	X	X	X	X	X	X	X	X		X	X		X	X
	X									X			X			X
		X	X	X	X	X	X	X	X	X		X	X		X	X
		X	X	X	X	X		X	X	X		X	X		X	X

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

Ø	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 ³ /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 ² K)	Watt per square metre and kelvin

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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/
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