

The models and dimensions  
March 2020



**GAGGENAU**









## The definitive guide to the definitive kitchen

The world of Gaggenau is within your hands.

Our products perform exceptionally, are technologically advanced, built without compromise and designed to be appreciated by both the hand and the eye.

This comprehensive handbook will enable the smooth, we would not say effortless, creation of the kitchen for your client. It is all here, clearly and cleanly presented, easy to find and utterly complete. See for yourself.

The difference is Gaggenau.

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## The ovens 400 series

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# Checklist for appliance combinations 400 series

This checklist provides the most relevant parameters for the perfect combination and ordering of ovens, combi-steam ovens, combi-microwave ovens, fully automatic espresso machine, vacuuming drawers, warming drawers and dishwashers.

In general:

- All appliances shown can be obtained with stainless-steel-backed full glass doors.
- When several appliances are listed (BS/BM and DV/WS), the first appliance is shown.

### Vertical combinations

When planning and ordering please note that

- The door hinges of the appliances must be on the same side.
- The door hinge (right-/left-hinged) is not reversible.
- The width of the appliances is identical.
- The control modules of the two appliances should meet each other in the middle of the combination.
- No further appliances may be fitted above the BS.
- Only appliances with controls at the top can be installed above a dishwasher. The niche for appliances that are installed above it must be 56 cm wide. The dishwasher is 60 cm wide.

### Horizontal combinations

When planning and ordering please note that

- The door hinges need to be placed on the outside in order to use the full available door opening angle.
- The door hinge (right-/left-hinged) is not reversible.
- A minimum clearance of 10 mm between the two doors must be observed.
- Combi-steam ovens, combi-microwave ovens and fully automatic espresso machine in combination with a vacuuming drawer or a warming drawer (14 cm in height) have the same total height as a 60 cm wide oven.
- The control modules are either all at the top or all at the bottom.

- BO Ovens
- BS Combi-steam ovens
- BM Combi-microwave ovens
- CM Fully automatic espresso machine
- DV Vacuuming drawers
- WS Warming drawers
- DF Dishwashers

### Vertical combination, 76 cm wide appliances



- BS 484/BM 484
- BO 480
- WS 482

- BX 480
- WS 482

### Combination of 4, 76 cm wide appliances



- BS 485/BM 485
- BO 481

- BS 484/BM 484
- BO 480

### Horizontal combination, 76 cm wide appliances



- BO 481

- BO 480

### Vertical combination, 60 cm wide appliances



- BS 474/BM 454
- BO 470
- WS 462

- BM 454/BS 474
- CM 470
- WS 461/DV 461



- BO 470
- DF 481/DF 250

- BS 470
- DF 481/DF 250

- CM 470
- DF 481/DF 250

Horizontal combination, 60 cm wide appliances



▪ BO 471



▪ BO 470



▪ BO 471



▪ BS 470  
▪ DV 461/WS 461



▪ BO 471



▪ CM 470  
▪ WS 461/DV 461



▪ BS 471  
▪ WS 461/DV 461



▪ BS 470  
▪ DV 461/WS 461



▪ BS 471  
▪ WS 461/DV 461



▪ CM 470  
▪ DV 461/WS 461



▪ BO 471



▪ CM 470  
▪ WS 461/DV 461



▪ BS 470  
▪ DV 461/WS 461



▪ BS 471  
▪ WS 461/DV 461



▪ CM 470  
▪ DV 461/WS 461



▪ BS 470  
▪ WS 461/DV 461

Combination of 4 with warming drawer, 60 cm wide appliances



▪ BS 475/BM 455  
▪ BO 471



▪ BM 454/BS 474  
▪ CM 470  
▪ DV 461/WS 461

# Planning notes for the installation of ovens and oven combinations 400 and 200 series

## General notes

### Installation behind kitchen furniture doors

Appropriate measures must be taken to prevent these types of doors from closing when the appliance is heating or while it is cooling down (fan operation).

### Combination of ovens and Vario cooling 400 series appliances

Please check the planning notes in the information for Vario cooling 400 series appliances in order to prevent the refrigerator door from colliding with the oven.

### Installation side by side

When appliances are installed side by side, the clearance between the appliances must be at least 10 mm (corresponds to the standard outside measurement of the furniture cavity of 600 or 762 mm).

The door hinges need to be placed outside in order to use the full available door opening angle.

## Necessary air cross section at the door edges

Gaggenau ovens 400 series are cooled with fresh air at the top edge and side edges of the door. Hot air is blown out at the door bottom edge. Combi-steam ovens and Combi-microwave ovens have the air inlet at the side edges of the door and the hot air and steam outlets at the top edge of the door. In order to prevent appliances from overheating and to ensure that they cool down as required after operation, appropriate minimum cross sections of free space must be maintained from kitchen furniture edges.

The measurements given in the drawing apply to all appliances. The following must also be observed:

The area above the appliances

#### BS:

**No other electrical appliances should be installed above the BS. It is recommended that a horizontal handle is not fitted on furniture above the BS.**

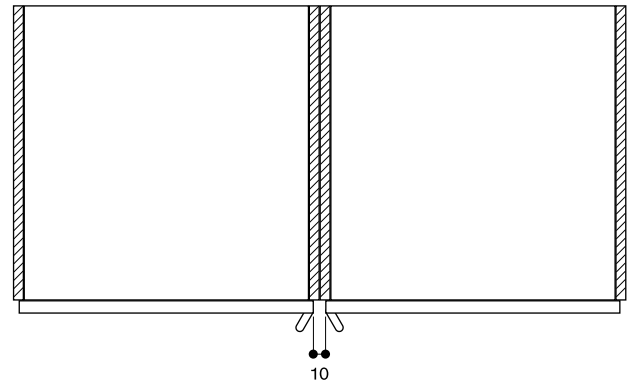
Where the edge of a kitchen unit protrudes more than 20 mm from the front edge of the furniture cavity, the edge of the kitchen furniture panel must be steam resistant as is the case above a dishwasher. Steam may possibly penetrate into the compartment.

The area below the appliances

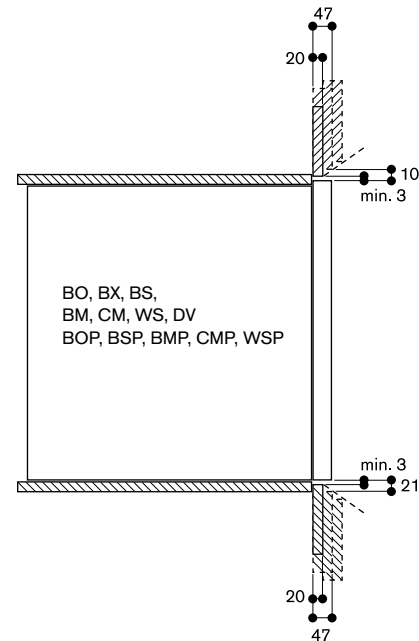
#### DV / WS:

It must be ensured that there is sufficient access to the lower edge of the vacuuming drawer and warming drawer, if the thickness of the kitchen furniture door is greater than 20 mm in front of the furniture cavity.

## When installed next to each other



## Cross section of the top/bottom door edge gaps

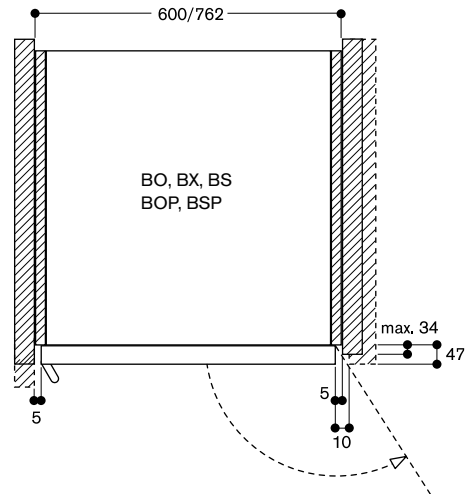




**At the sides**

In cases where kitchen furniture door thicknesses are greater or where sidewalls protrude up to 34 mm from front of the edge of the furniture cavity, the minimum distance on the hinge side is sufficient for the air supply and a door opening angle of 120°. Above that, a distance of 10 mm or even more is required.

The handle side may, if required, be covered by a side panel provided that the minimum distance is maintained.

**Air inlet cross section at the door edges**



#### Controls at the top

##### Right-hinged BO 480 112

Stainless steel-backed full glass door  
Width 76 cm

##### Left-hinged

##### BO 481 112

Stainless steel-backed full glass door  
Width 76 cm

#### Included in the price

- 1 baking tray, enamelled pyrolysis-safe
- 1 rotisserie spit
- 1 wire rack
- 1 grill tray with wire rack
- 1 plug-in core temperature probe

#### Special accessories

##### BA 018 105

Pull-out system  
Fully extendable telescopic rails and  
enamelled cast iron frame.

##### BA 058 115

Heating element for baking stone and  
Gastronorm roaster.

##### BA 058 133

Baking stone.  
Incl. baking stone support and pizza  
paddle (heating element must be  
ordered separately).  
Not in combination with pull-out  
system.

##### GN 340 230

Gastronorm roaster in cast aluminium.  
GN 2/3, height 165 mm, non-stick.

#### Oven 400 series

##### BO 480/BO 481

- Proud mounted installation
- Handleless door / automatic door opening
- Pyrolytic system
- 17 heating methods with core temperature probe, rotisserie spit and baking stone function
- Automatic programs
- TFT touch display
- Panel-free appliance with surface control module
- Electronic temperature control from 30 °C to 300 °C
- Net volume 110 litres

#### Heating methods

Hot air.  
Eco hot air.  
Top + bottom heat.  
Top + 1/3 bottom heat.  
Top heat.  
1/3 top + bottom heat.  
Bottom heat.  
Hot air + bottom heat.  
Hot air + 1/3 bottom heat.  
Full surface grill + circulated air.  
Full surface grill.  
Compact grill.  
Baking stone function.  
Roaster function.  
Dough proving.  
Defrosting.  
Keeping warm.

#### Handling

Automatic door opening.  
Rotary knob and TFT touch display operation.  
Clear text display in multiple languages.  
Option to save 50 individual recipes (incl. core temperature probe).  
Personalisation of automatic programs.  
Information key with use indicators.  
Side-opening door opens up to 180° angle.

#### Features

Three-point core temperature probe with automatic shut-off and estimation of cooking time.  
40 automatic programs.  
Rotisserie spit.  
Baking stone socket.  
Actual temperature display.  
Rapid heating.  
Timer functions: cooking time, cooking time end, timer, stopwatch, long-term timer.  
60 W halogen light on the top.  
2 x 10 W halogen light on the side.  
Enamelled side shelf supports with 5 tray levels, pyrolysis-safe.

Home network integration for digital services (Home Connect) either via cable connection LAN (recommended) or wireless via WiFi. The use of the Home Connect functionality is not yet available in Australia. For further information please check: [home-connect.com](http://home-connect.com)

#### Safety

Thermally insulated door with quadruple glazing.  
Child lock.  
Safety shut-off.  
Cooled housing with temperature protection.

#### Cleaning

Pyrolytic system.  
Gaggenau enamel.  
Heated catalyser to clean the oven air.

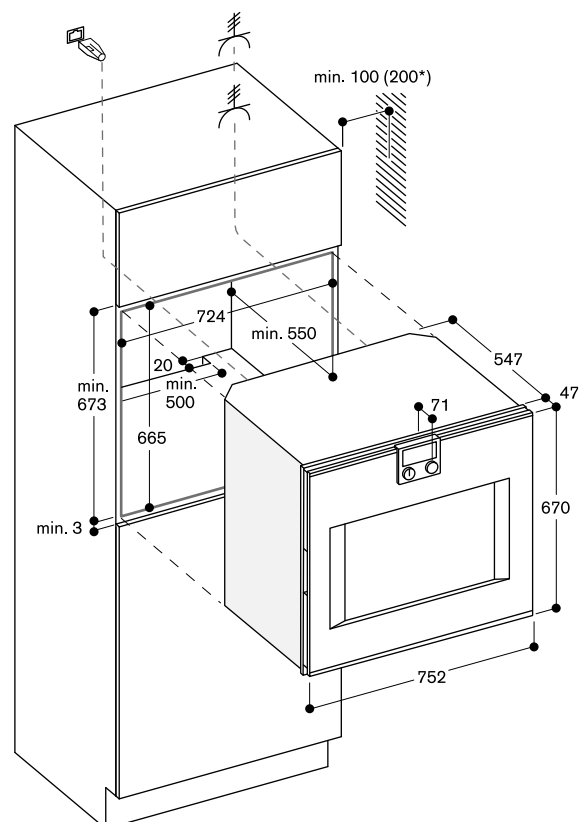
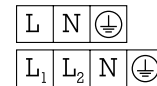
#### Planning notes

Door hinge not reversible.  
The door panel surface of the appliance extends 47 mm from the furniture cavity.  
Consider the overhang when planning to open drawers next to the appliance.  
When planning a corner solution, pay attention to the 90° door opening angle. To achieve the 550 mm installation depth, the connection cable needs to follow the slanted edge on the lower right hand corner of the housing.  
The mains socket needs to be planned outside the built-in niche.  
The LAN port can be found at the back on the upper right side.

Please read the installation details regarding oven combinations on the page 8–9.

#### Connection

Total connected load 5.5 kW.  
Plan a connection cable.  
Plan a LAN cable.



\* 200 mm in conjunction with BA 018



#### Controls at the top

##### Right-hinged

###### BO 470 112

Stainless steel-backed full glass door  
Width 60 cm

##### Left-hinged

###### BO 471 112

Stainless steel-backed full glass door  
Width 60 cm

#### Included in the price

- 2 baking trays, enamelled pyrolysis-safe
- 1 rotisserie spit
- 1 glass tray
- 1 wire rack
- 1 grill tray with wire rack
- 1 plug-in core temperature probe

#### Special accessories

##### BA 016 105

Pull-out system  
Fully extendable telescopic rails and  
enamelled cast iron frame.

##### BA 056 115

Heating element for baking stone and  
Gastronorm roaster.

##### BA 056 133

Baking stone.  
Incl. baking stone support and pizza  
paddle (heating element must be  
ordered separately).  
Not in combination with pull-out  
system.

##### GN 340 230

Gastronorm roaster in cast aluminium.  
GN2/3, height 165 mm, non-stick.

#### Oven 400 series

##### BO 470/BO 471

- Proud mounted installation
- Handleless door / automatic door opening
- Pyrolytic system
- 17 heating methods with core temperature probe, rotisserie spit and baking stone function
- Automatic programs
- TFT touch display
- Panel-free appliance with surface control module
- Electronic temperature control from 30 °C to 300 °C
- Net volume 76 litres

#### Heating methods

Hot air.  
Eco hot air.  
Top + bottom heat.  
Top + 1/3 bottom heat.  
Top heat.  
1/3 top + bottom heat.  
Bottom heat.  
Hot air + bottom heat.  
Hot air + 1/3 bottom heat.  
Full surface grill + circulated air.  
Full surface grill.  
Compact grill.  
Baking stone function.  
Roaster function.  
Dough proving.  
Defrosting.  
Keeping warm.

#### Handling

Automatic door opening.  
Rotary knob and TFT touch display operation.  
Clear text display in multiple languages.  
Option to save 50 individual recipes (incl. core temperature probe).  
Personalisation of automatic programs.  
Information key with use indicators.  
Side-opening door opens up to 180° angle.

#### Features

Three-point core temperature probe with automatic shut-off and estimation of cooking time.  
40 automatic programs.  
Rotisserie spit.  
Baking stone socket.  
Actual temperature display.  
Rapid heating.  
Timer functions: cooking time, cooking time end, timer, stopwatch, long-term timer.  
60 W halogen light on the top.  
2x 10 W halogen light on the side.  
Enamelled side shelf supports with 4 tray levels, pyrolysis-safe.

Home network integration for digital services (Home Connect) either via cable connection LAN (recommended) or wireless via WiFi. The use of the Home Connect functionality is not yet available in Australia. For further information please check: [home-connect.com](http://home-connect.com)

#### Safety

Thermally insulated door with quadruple glazing.  
Child lock.  
Safety shut-off.  
Cooled housing with temperature protection.

#### Cleaning

Pyrolytic system.  
Gaggenau enamel.  
Heated catalyser to clean the oven air.

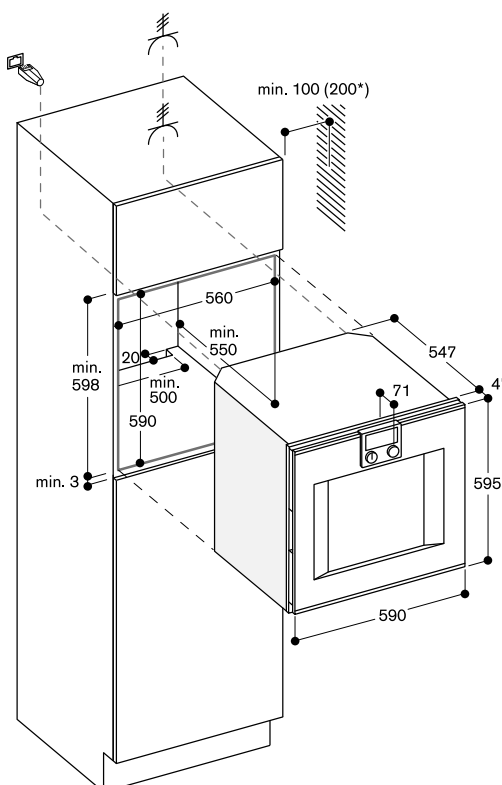
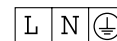
#### Planning notes

Door hinge not reversible.  
The door panel surface of the appliance extends 47 mm from the furniture cavity.  
Consider the overhang when planning to open drawers next to the appliance.  
When planning a corner solution, pay attention to the 90° door opening angle.  
To achieve the 550 mm installation depth, the connection cable needs to follow the slanted edge on the lower right hand corner of the housing.  
The mains socket needs to be planned outside the built-in niche.  
The LAN port can be found at the back on the upper right side.

Please read the installation details regarding oven combinations on the page 8–9.

#### Connection

Total connected load 3.7 kW.  
Plan a connection cable.  
Plan a LAN cable.



\* 200 mm in conjunction with BA 016



#### Controls centred

##### Right-hinged

**BX 480 112**

Stainless steel-backed full glass door  
Width 76 cm

##### Left-hinged

**BX 481 112**

Stainless steel-backed full glass door  
Width 76 cm

#### Included in the price

- 2 baking trays, enamelled pyrolysis-safe
- 1 rotisserie spit
- 2 wire racks
- 2 grill trays with wire rack
- 1 plug-in core temperature probe

#### Special accessories

**BA 018 105**

Pull-out system

Fully extendable telescopic rails and enamelled cast iron frame.

**BA 058 115**

Heating element for baking stone and Gastronorm roaster.

**BA 058 133**

Baking stone.

Incl. baking stone support and pizza paddle (heating element must be ordered separately).

Not in combination with pull-out system.

**GN 340 230**

Gastronorm roaster in cast aluminium.  
GN 2/3, height 165 mm, non-stick.

#### Double oven 400 series

**BX 480/BX 481**

- Proud mounted installation
- Pyrolytic system
- 17 heating methods with core temperature probe, rotisserie spit and baking stone function
- TFT touch display
- Electronic temperature control from 30 °C to 300 °C
- 2x110 litres net volume

#### Heating methods

Hot air.

Eco hot air.

Top + bottom heat.

Top + 1/3 bottom heat.

Top heat.

1/3 top + bottom heat.

Bottom heat.

Hot air + bottom heat.

Hot air + 1/3 bottom heat.

Full surface grill + circulated air.

Full surface grill.

Compact grill.

Baking stone function.

Roaster function.

Dough proving.

Defrosting.

Keeping warm.

#### Handling

Rotary knob and TFT touch display operation.

Clear text display in multiple languages.

Information key with use indicators.

Side-opening door opens up to 180° angle.

#### Features

Three-point core temperature probe with automatic shut-off and estimation of cooking time.

Rotisserie spit (lower oven).

Baking stone socket.

Actual temperature display.

Rapid heating.

Timer functions: cooking time, cooking time end, timer, stopwatch, long-term timer.

60 W halogen light on the top.

10 W halogen light on the side.

Enamelled side shelf supports with 5 tray levels, pyrolysis-safe.

#### Safety

Thermally insulated door with quadruple glazing.

Child lock.

Safety shut-off.

Cooled housing with temperature protection.

#### Cleaning

Pyrolytic system.

Gaggenau enamel.

Heated catalyser to clean the oven air.

#### Planning notes

Door hinge not reversible.

The door panel surface of the appliance extends 47 mm from the furniture cavity.

Consider the overhang when planning to open drawers next to the appliance. When planning a corner solution, pay attention to the 90° door opening angle.

To achieve the 550 mm installation depth, the connection cable needs to follow the slanted edge on the lower right hand corner of the housing.

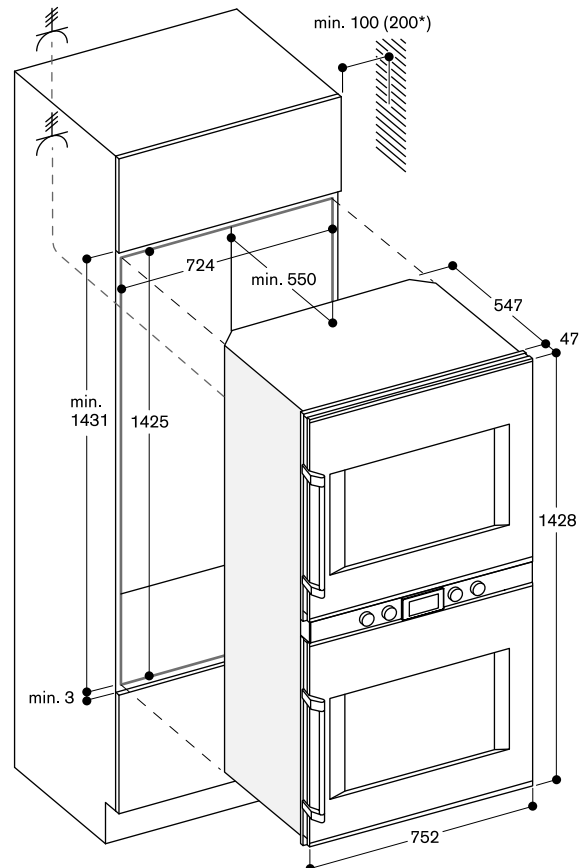
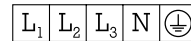
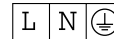
The mains socket needs to be planned outside the built-in niche.

Please read the installation details regarding oven combinations on the page 8–9.

#### Connection

Total connected load 9.2 kW.

Plan a connection cable.



\* 200 mm in conjunction with BA 018





#### Controls at the bottom

##### Right-hinged

**BS 484 112**

Stainless steel-backed full glass door  
Width 76 cm

##### Left-hinged

**BS 485 112**

Stainless steel-backed full glass door  
Width 76 cm

#### Included in the price

- 1 Cooking container, stainless steel, perforated
- 1 Cooking container, stainless steel, unperforated
- 1 wire rack
- 1 plug-in core temperature probe
- 1 outlet hose (3 m long)
- 1 water inlet hose (3 m long)
- 4 cleaning cartridge

#### Installation accessories

**GF 111 100**

Water descaling system

**GF 121 110**

Filter cartridge

**GZ 010 011**

Extension for water inlet and outlet  
(2 m long)

#### Special accessories

**BA 010 301**

Triple telescopic pull-out rack  
For combi-steam oven.

**BA 020 380**

Cooking container, non-stick,  
unperforated, 40 mm deep, 5l.

**BA 020 390**

Cooking container, non-stick,  
perforated, 40 mm deep, 5l.

**GN 340 230**

Gastronorm roaster in cast aluminium.  
GN 2/3, height 165 mm, non-stick.

#### Combi-steam oven 400 series

**BS 484/BS 485**

- Proud mounted installation
- Handleless door / automatic door opening
- Fixed inlet and outlet water connection
- Cleaning system, fully automatic
- Large cavity
- 2 LED light sources
- External steam generation
- Steaming without pressure
- Hot air 30 °C to 230 °C can be combined with chosen humidity level of 0%, 30%, 60%, 80% or 100%
- Sous-vide cooking with accurate temperature regulation
- Full surface grill behind glass ceramic, combinable with circulated air up to 230 °C and steam
- Automatic programs
- Core temperature probe with estimation of cooking time
- Hot air fan rotates in both directions for ideal heat distribution
- TFT touch display
- Panel-free appliance with surface control module
- Electronic temperature control from 30 °C to 230 °C
- Net volume 50 litres

#### Heating methods

Hot air + 100 % humidity.

Hot air + 80 % humidity.

Hot air + 60 % humidity.

Hot air + 30 % humidity.

Hot air + 0 % humidity.

Low temperature cooking.

Sous-vide cooking.

Full surface grill level 1 + humidity.

Full surface grill level 2 + humidity.

Full surface grill + circulated air.

Dough proofing.

Defrosting.

Regenerating.

#### Handling

Automatic door opening.

Rotary knob and TFT touch display operation.

Clear text display in multiple languages.

Option to save 50 individual recipes (incl. core temperature probe).

Personalisation of automatic programs.

Information key with use indicators.

Side-opening door opens up to 180° angle.

#### Features

Full surface grill 2 kW behind glass ceramic.

Steam removal.

Misting.

Three-point core temperature probe with automatic shut-off and estimation of cooking time.

Automatic programs.

Actual temperature display.

Timer functions: cooking time, cooking time end, timer, stopwatch, long-term timer.

Automatic boiling point detection.

Capacity display for filter cartridge (if connected to GF 111 100 descaling system).

2 x LED light on the side.

Hygienic stainless steel cooking interior.

3 tray levels.

#### Safety

Child lock.

Safety shut-off.

Cooled housing with temperature protection.

#### Cleaning

Cleaning program, fully automatic.

Descaling program for the steam generator.

Drying program.

Automatic drying of the cavity at the end of the cooking process.

Strainer filter, removable.

Demo cleaning program.

#### Planning notes

Door hinge not reversible.

No other electrical appliances should be installed above the BS.

At no point may the outlet hose be positioned higher than the bottom edge of the appliance. The outlet hose must also be at least 100 mm lower than the appliance outlet (see drawing "drainage connection").

Inlet hose can be extended once.

The outlet hose must not be longer than a maximum of 5 m.

The water connection (1) for the inlet hose must always be accessible and not located directly behind the appliance.

The connection of the outlet hose to the siphon (2) must not be directly behind the appliance and should be accessible.

The descaling system GF 111 100 (3) must be installed when connecting the appliance if the water hardness exceeds 7° dH.

The facade of the appliance extends 47 mm from the furniture cavity.

Consider the overhang when planning to open drawers next to the appliance.

When planning a corner solution, pay attention to the 90° door opening angle.

The mains socket needs to be planned outside the built-in niche.

Please read the installation details regarding oven combinations on the page 8-9.

#### Connection

Total connected load 3.15 kW.

Connecting cable 1.7 m without plug.

Plan a LAN cable.







#### Controls at the top

##### Right-hinged

BS 470 112

Stainless steel-backed full glass door  
Width 60 cm

##### Left-hinged

BS 471 112

Stainless steel-backed full glass door  
Width 60 cm

#### Controls at the bottom

##### Right-hinged

BS 474 112

Stainless steel-backed full glass door  
Width 60 cm

##### Left-hinged

BS 475 112

Stainless steel-backed full glass door  
Width 60 cm

#### Included in the price

- 1 Cooking container, stainless steel, perforated
- 1 Cooking container, stainless steel, unperforated
- 1 wire rack
- 1 plug-in core temperature probe
- 1 outlet hose (3 m long)
- 1 water inlet hose (3 m long)
- 4 cleaning cartridge

#### Installation accessories

GF 111 100

Water descaling system

GF 121 110

Filter cartridge

GZ 010 011

Extension for water inlet and outlet  
(2 m long)

#### Special accessories

BA 010 301

Triple telescopic pull-out rack  
For combi-steam oven.

BA 020 380

Cooking container, non-stick,  
unperforated, 40 mm deep, 5 l.

BA 020 390

Cooking container, non-stick,  
perforated, 40 mm deep, 5 l.

GN 340 230

Gastronorm roaster in cast aluminium.  
GN 2/3, height 165 mm, non-stick.

#### Combi-steam oven 400 series

BS 470/BS 471/BS 474/BS 475

- Proud mounted installation
- Handleless door / automatic door opening
- Fixed inlet and outlet water connection
- Cleaning system, fully automatic
- Large cavity
- 2 LED light sources
- External steam generation
- Steaming without pressure
- Hot air 30 °C to 230 °C can be combined with chosen humidity level of 0%, 30%, 60%, 80% or 100%
- Sous-vide cooking with accurate temperature regulation
- Full surface grill behind glass ceramic, combinable with circulated air up to 230 °C and steam
- Automatic programs
- Core temperature probe with estimation of cooking time
- Hot air fan rotates in both directions for ideal heat distribution
- TFT touch display
- Panel-free appliance with surface control module
- Electronic temperature control from 30 °C to 230 °C
- Net volume 50 litres

#### Heating methods

Hot air + 100 % humidity.  
Hot air + 80 % humidity.  
Hot air + 60 % humidity.  
Hot air + 30 % humidity.  
Hot air + 0 % humidity.  
Low temperature cooking.  
Sous-vide cooking.  
Full surface grill level 1 + humidity.  
Full surface grill level 2 + humidity.  
Full surface grill + circulated air.  
Dough proofing.  
Defrosting.  
Regenerating.

#### Handling

Automatic door opening.  
Rotary knob and TFT touch display operation.  
Clear text display in multiple languages.  
Option to save 50 individual recipes (incl. core temperature probe).  
Personalisation of automatic programs.  
Information key with use indicators.  
Side-opening door opens up to 180° angle.

#### Features

Full surface grill 2 kW behind glass ceramic.  
Steam removal.  
Misting.  
Three-point core temperature probe with automatic shut-off and estimation of cooking time.  
Automatic programs.  
Actual temperature display.  
Timer functions: cooking time, cooking time end, timer, stopwatch, long-term timer.  
Automatic boiling point detection.  
Capacity display for filter cartridge (if connected to GF 111 100 descaling system).  
2 x LED light on the side.  
Hygienic stainless steel cooking interior.  
3 tray levels.

#### Safety

Child lock.  
Safety shut-off.  
Cooled housing with temperature protection.

#### Cleaning

Cleaning program, fully automatic.  
Descaling program for the steam generator.  
Drying program.  
Automatic drying of the cavity at the end of the cooking process.  
Strainer filter, removable.  
Demo cleaning program.

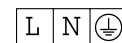
#### Planning notes

Door hinge not reversible.  
No other electrical appliances should be installed above the BS.  
At no point may the outlet hose be positioned higher than the bottom edge of the appliance. The outlet hose must also be at least 100 mm lower than the appliance outlet (see drawing "drainage connection").  
Inlet hose can be extended once.  
The outlet hose must not be longer than a maximum of 5 m.  
The water connection (1) for the inlet hose must always be accessible and not located directly behind the appliance.  
The connection of the outlet hose to the siphon (2) must not be directly behind the appliance and should be accessible.  
The descaling system GF 111 100 (3) must be installed when connecting the appliance if the water hardness exceeds 7° dH.  
The facade of the appliance extends 47 mm from the furniture cavity.  
Consider the overhang when planning to open drawers next to the appliance.  
When planning a corner solution, pay attention to the 90° door opening angle.  
The mains socket needs to be planned outside the built-in niche.

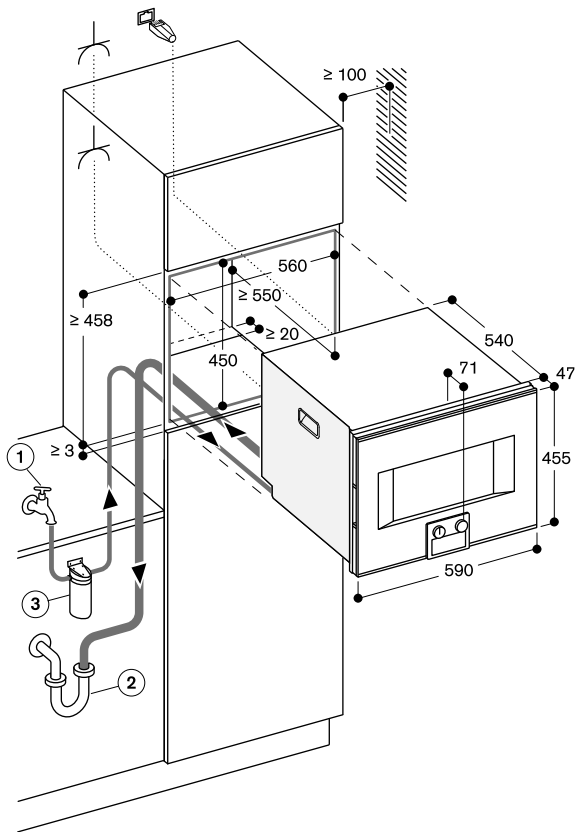
Please read the installation details regarding oven combinations on the page 8–9.

#### Connection

Total connected load 3.15 kW.  
Connecting cable 1.7 m without plug.  
Plan a LAN cable.



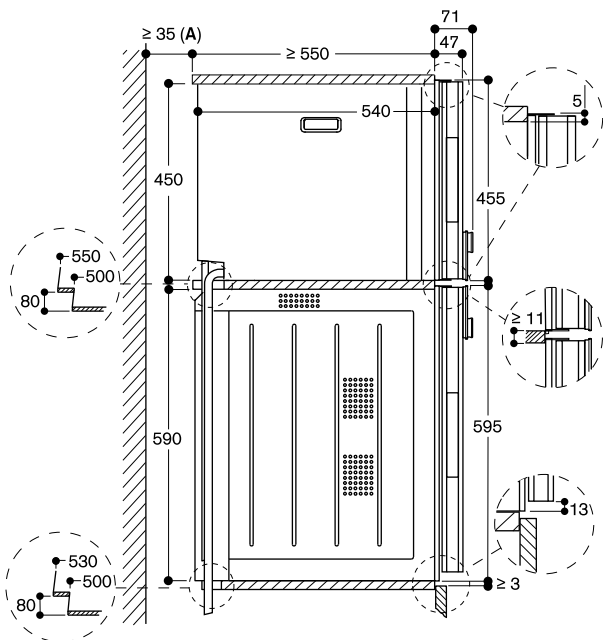




Socket

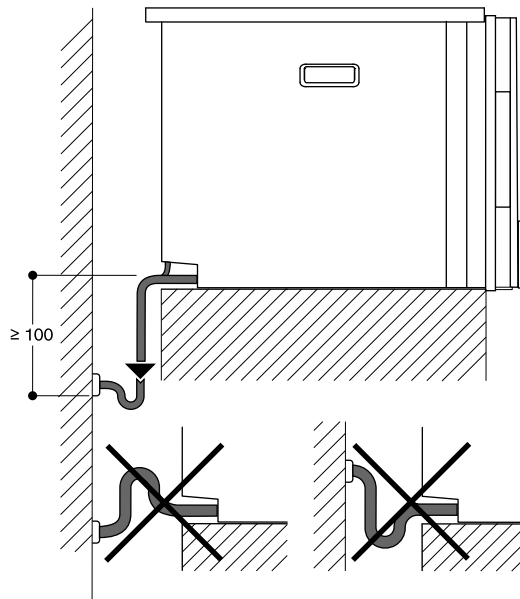
measurements in mm

Side view of BS 474/475 above BO



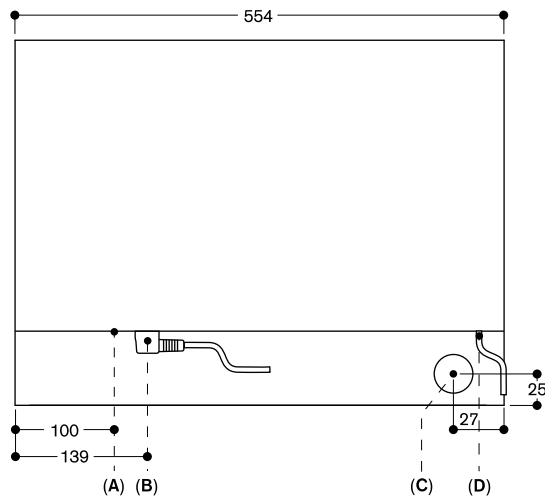
A: Only required if the water hoses for the BS steam oven cannot be accommodated in the corner recesses of the appliances.

measurements in mm



measurements in mm

View from rear



- A: LAN connection
- B: Electric terminal box
- C: Water outlet
- D: Cold water inlet

measurements in mm



**Controls at the bottom**

**Right-hinged**

**BM 484 110**

Stainless steel-backed full glass door

Width 76 cm

**Left-hinged**

**BM 485 110**

Stainless steel-backed full glass door

Width 76 cm

**Included in the price**

1 combination wire rack

1 glass tub

**Combi-microwave oven 400 series**

**BM 484/BM 485**

- Proud mounted installation
- Handleless door / automatic door opening
- Single operation and combination of microwave, grill and oven
- Sequential operation of up to 5 modes incl. programming of combined operation and rest time
- TFT touch display
- Panel-free appliance with surface control module
- Electronic temperature control
- Interior volume 36 litres

**Programs**

Microwave operation with 5 output levels: 1000, 600, 360, 180, 90 W.

Oven operation with 4 heating methods:

Hot air 40 °C and from 100 °C to 250 °C,

Full surface grill + hot air from 100 °C to 250 °C,

Full surface grill + circulated air from 100 °C to 250 °C,

Full surface grill with 3 levels of intensity, maximum output 2000 W.

Heating methods with microwave output levels 600, 360, 180 and 90 W freely combinable.

15 automatic programs with weight indication, customisable:

4 defrosting programs

4 cooking programs

7 combination programs

Option to save 50 individual recipes.

**Handling**

Automatic door opening.

Rotary knob and TFT touch display operation.

Clear text display in multiple languages.

Information key with use indicators.

Side-opening door opens up to 180° angle.

**Features**

Rapid heating.

4 tray levels.

Actual temperature display.

60W halogen light on the side.

**Safety**

Thermally insulated door with triple glazing.

Triple door lock.

Child lock.

Safety shut-off.

Cooled housing with temperature protection.

**Cleaning**

Hygienic stainless steel interior with glass ceramic base.

Interior back wall with catalytic coating.

**Planning notes**

Door hinge not reversible.

The door panel surface of the appliance extends 47 mm from the furniture cavity.

Consider the overhang when planning to open drawers next to the appliance.

When planning a corner solution, pay attention to the 110° door opening angle.

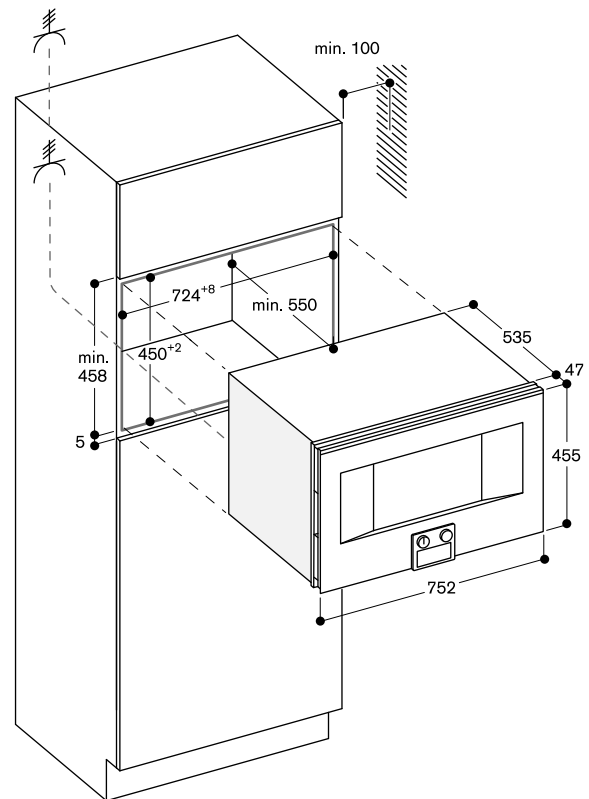
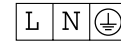
The mains socket needs to be planned outside of the built-in niche.

Please read the installation details regarding oven combinations on page 8–9.

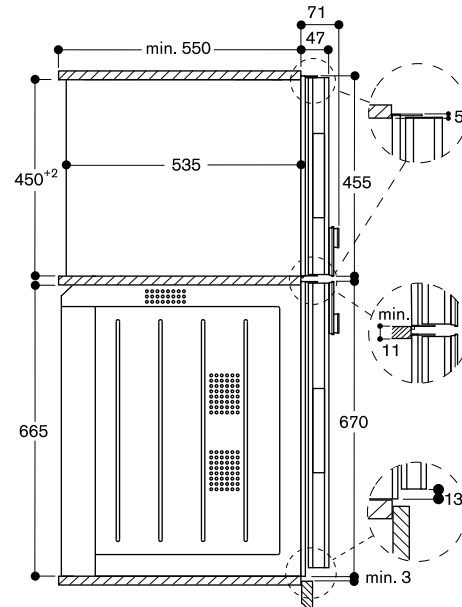
**Connection**

Total connected load 3.1 kW.

Connection cable 1.5 m without plug.



**Side view of BM 484/485 above BO**





#### Controls at the bottom

#### Right-hinged

##### BM 454 110

Stainless steel-backed full glass door  
Width 60 cm

#### Left-hinged

##### BM 455 110

Stainless steel-backed full glass door  
Width 60 cm

#### Included in the price

- 1 combination wire rack
- 1 glass tub

#### Combi-microwave oven 400 series

##### BM 454/BM 455

- Proud mounted installation
- Handleless door / automatic door opening
- Single operation and combination of microwave, grill and oven
- Sequential operation of up to 5 modes incl. programing of combined operation and rest time
- TFT touch display
- Panel-free appliance with surface control module
- Electronic temperature control
- Interior volume 36 litres

#### Programs

Microwave operation with 5 output levels: 1000, 600, 360, 180, 90 W.

Oven operation with 4 heating methods:

Hot air 40 °C and from

100 °C to 250 °C,

Full surface grill + hot air from

100 °C to 250 °C,

Full surface grill + circulated air from 100 °C to 250 °C

Full surface grill with 3 levels of intensity, maximum output 2000 W.

Heating methods with microwave output levels 600, 360, 180 and 90 W freely combinable.

15 automatic programs with weight indication, customisable:

4 defrosting programs

4 cooking programs

7 combination programs

Option to save 50 individual recipes.

#### Handling

Automatic door opening.

Rotary knob and TFT touch display operation.

Clear text display in multiple languages.

Information key with use indicators.

Side-opening door opens up to 180° angle.

#### Features

Rapid heating.

4 tray levels.

Actual temperature display.

60 W halogen light on the side.

#### Safety

Thermally insulated door with triple glazing.

Triple door lock.

Child lock.

Safety shut-off.

Cooled housing with temperature protection.

#### Cleaning

Hygienic stainless steel interior with glass ceramic base.

Interior back wall with catalytic coating.

#### Planning notes

Door hinge not reversible.

Plan the niche without back wall.

The door panel surface of the appliance extends 47 mm from the furniture cavity.

Consider the overhang, incl. the door handle where applicable, when planning to open drawers next to the appliance.

When planning a corner solution, pay attention to the 110° door opening angle.

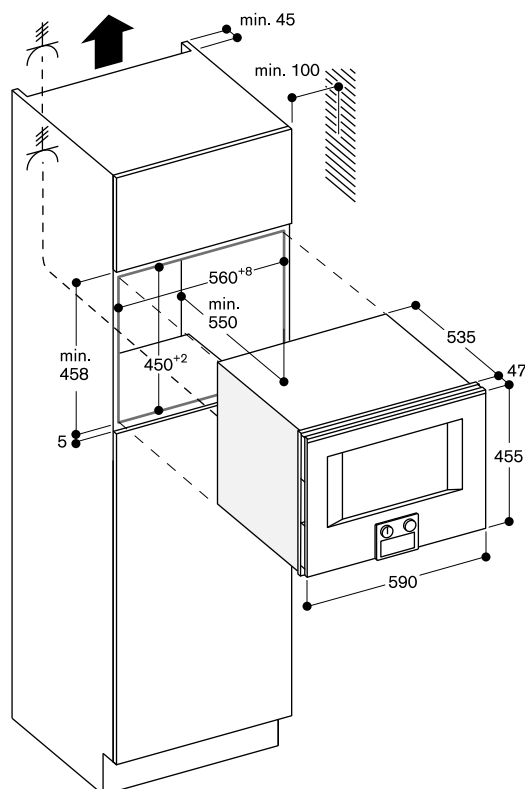
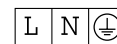
The mains socket needs to be planned outside of the built-in niche.

Please read the installation details regarding oven combinations on page 8–9.

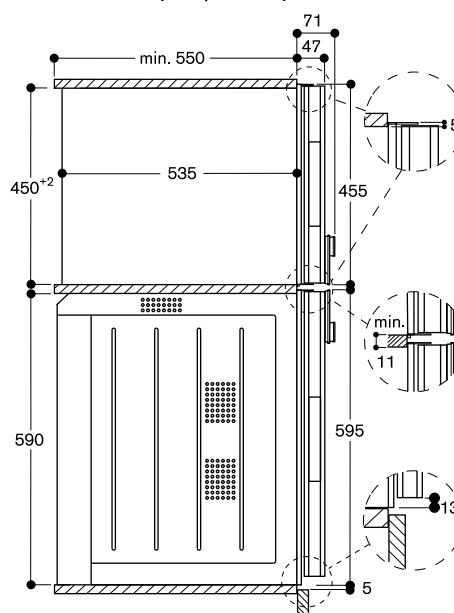
#### Connection

Total connected load 3.1 kW.

Connection cable 1.5 m without plug.



Side view of BS 454/455, BM 454/455 above BO





### Controls at the top

#### Left-hinged

#### CM 470 111

Stainless steel-backed full glass door  
Width 60 cm

#### Included in the price

- 1 assembly screws
- 1 scoop
- 1 test strip
- 1 milk container (insulated)
- 1 connection hose for milk frother
- 1 milk tube

### Fully automatic espresso machine 400 series CM 470

- Proud mounted installation
- Handleless door / automatic door opening
- Fixed inlet and outlet water connection
- Continuous flow heater means no waiting time and constant brewing temperature
- Aroma brewing technology for a full aroma
- Single portion cleaning
- TFT touch display
- Panel-free appliance with surface control module
- One-touch operation
- Personalisation function
- Seven light settings
- Electronic fill level control for milk, water and coffee to ensure a perfect result

#### Type of beverage

Ristretto / 2 x Ristretto.  
Espresso / 2 x Espresso.  
Espresso Macchiato / 2 x Espresso Macchiato.  
Coffee / 2 x Coffee.  
Americano / 2 x Americano.  
Caffe Latte / 2 x Caffe Latte.  
Latte Macchiato / 2 x Latte Macchiato.  
Cappuccino / 2 x Cappuccino.  
Flat White / 2 x Flat White.  
Milk froth / 2 x Milk froth.  
Warm milk / 2 x Warm milk.  
Hot water / 2 x Hot water.

#### Handling

Automatic door opening.  
Rotary knob and TFT touch display operation.  
Clear text display in multiple languages.  
Personalisation function, option to save 8 individualised beverages.  
4 beverage size settings, volume can be individually adjusted to match the size of the cup.  
8 coffee strength levels from very mild to extra strong.  
3 coffee temperature levels.  
10 hot water temperature levels.  
4 coffee-milk ratio levels.  
Adjustable grinding level.  
Height-adjustable coffee dispenser 7 cm to 15 cm.  
Easy access to water tank, milk and coffee bean container behind the door.

#### Features

Maintenance-free grinding unit with ceramic discs.  
Separate drawer for second ground coffee type.  
Water pump with 19 bar pressure.  
Double grinding and brewing cycles for extra intensity for single beverage order.  
For double beverage order, two grinding and brewing cycles.  
Beverage dispenser with integrated milk system.  
Insulated stainless steel milk container for up to 0.5 litres.  
Integrated lighting with LEDs.  
Removable bean container with aroma protecting lid for 500g allows for an

effortless exchange of different types of coffee beans.  
Automatic adjustment of ground coffee quantity.  
Removable 2.4 litre water tank.  
Electronic water filter exchange indicator.  
Fresh water function to refill the water tank with fresh water.  
Electronic fill level control for drip tray and container for coffee residue.

#### Safety

Child lock.  
Aqua stop with guarantee.

#### Cleaning

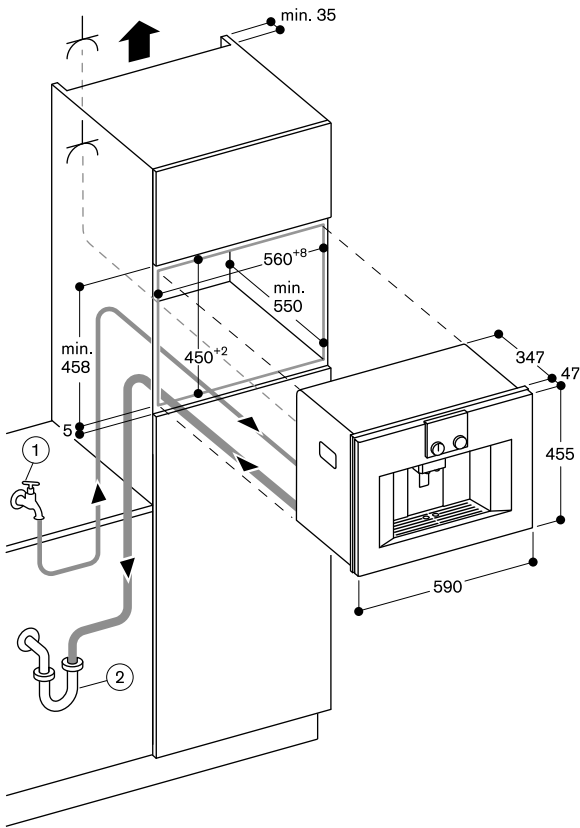
Fully automatic rinse program when machine is turned on/off.  
Automatic steam cleaning of the milk system after every beverage.  
Automatic cleaning and descaling program.  
Emptying program to prepare the appliance for holiday or transportation.  
Empty grinding function to remove coffee residues from the system when switching bean types.  
Removable brewing unit.  
Dishwasher-safe coffee residue container and drip tray.  
Dishwasher-safe beverage dispenser.

#### Planning notes

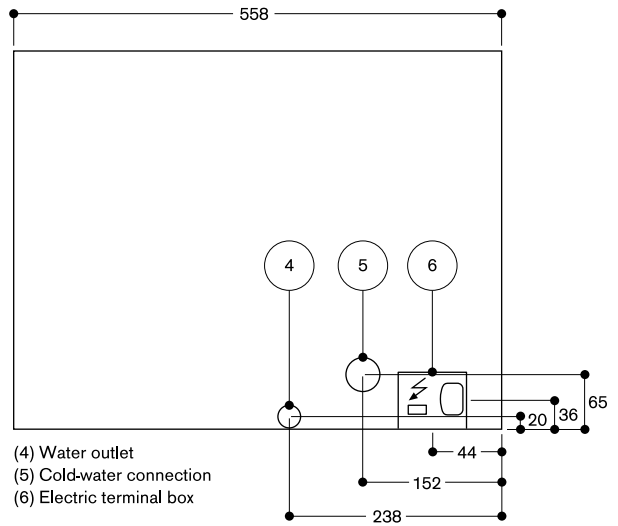
Ideal installation height 95 – 145 cm (top edge of niche bottom).  
The door panel surface of the appliance extends 47 mm from the furniture cavity.  
When installing in a corner a side clearance is required.  
Door opening angle appr. 110° (delivery status) - mounting distance to the wall has to be at least 350 mm.  
Door opening angle appr. 155° - mounting distance to the wall has to be at least 650 mm.  
Door opening angle appr. 92° - mounting distance to the wall has to be at least 100 mm (spare part No. 00636455).  
Installation directly above 14 cm high warming drawer in 59 cm standardised niche.  
At no point may the outlet hose be positioned higher than the bottom edge of the appliance. The outlet hose must also be at least 150 mm lower than the appliance outlet (see drawing "drainage connection").  
If the appliance is placed too far from the main siphon, the drain system has to be adjusted on-site (building installation).  
The water connection (1) for the inlet hose must always be accessible and not located directly behind the appliance.  
The connection of the outlet hose to the siphon (2) must not be directly behind the appliance and should be accessible.  
Special accessories (order as spare parts):  
Part No. 17000705 Water filter  
Part No. 00311819 Descaling tablets  
Part No. 00311769 Cleaning tablets  
Part No. 00636455 Door hinge restrictor (92° opening angle)  
Part No. 11015223 Bean container with lid

#### Connection

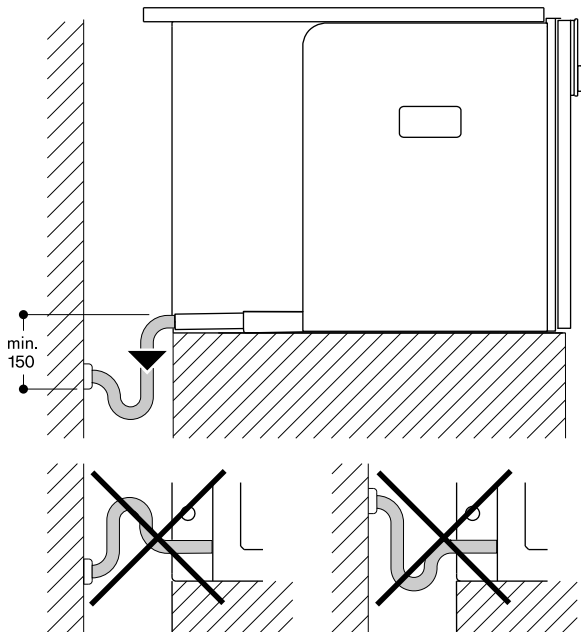
Total connected load 1.6 kW.  
Connection cable 1.7 m with plug.  
Only cold water connection.  
Inlet hose 165 cm with 3/4" (26.4 mm) connection, extendable  
Outlet hose (ø 18 mm) 170 cm (HT-Hose).



View from rear



Drainage connection





**WS 482 110**

Stainless steel-backed glass front  
Width 76 cm, Height 21 cm

**Warming drawer 400 series**  
**WS 482**

- Proud mounted installation
- Handleless drawer
- Bright interior light
- Cushioned closing system
- Hygienic stainless steel interior with glass bottom
- 4 power levels in the temperature range 40 °C to 80 °C (glass surface)
- Also for preparing and cooking meals, and for keeping meals warm

**Heating methods**

Defrosting of meals/proving of yeast dough.  
Preheating of small beverage containers.  
Keeping meals warm/slow cooking meals.  
Warming ovenware.

**Handling**

Rotary knob operation.  
Recessed grip at the front bottom of the drawer.

**Features**

Net volume 38 litres.  
Volume capacity: Dinner service for 10 people including ø 24 cm plates and soup bowls, additional bowls and a serving dish depending on size.  
Heating under glass bottom for easy cleaning.  
Fan for even heat distribution for fast warming ovenware.  
Status display, visible in the glass front.  
Glass bottom made of safety glass.  
Usable interior dimensions W 606 x H 132 x D 480 mm.  
Max. load 25 kg.

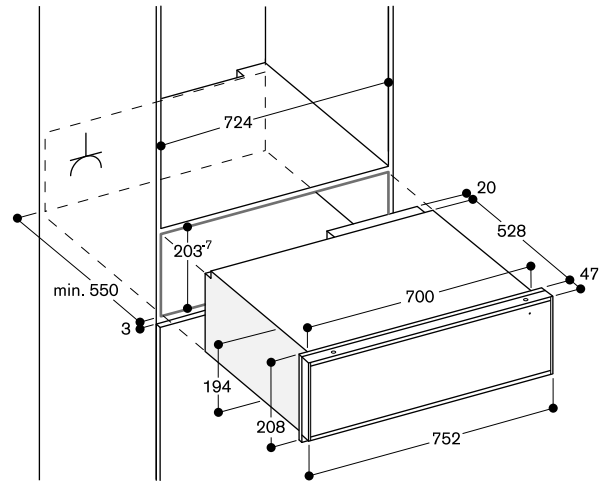
**Planning notes**

The panel surface of the appliance extends 47 mm from the furniture cavity.  
Installation of BO/BS above WS with dimensionally stable intermediate shelf.  
Installation of BS above WS in 66.5 cm niche with intermediate floor (gap of 7 mm between WS and BS).  
The socket can be planned behind the appliance.

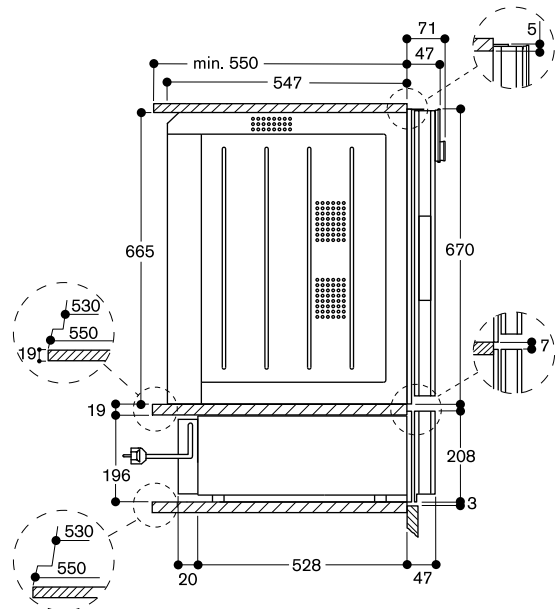
Please read the installation details regarding oven combinations on page 8-9.

**Connection**

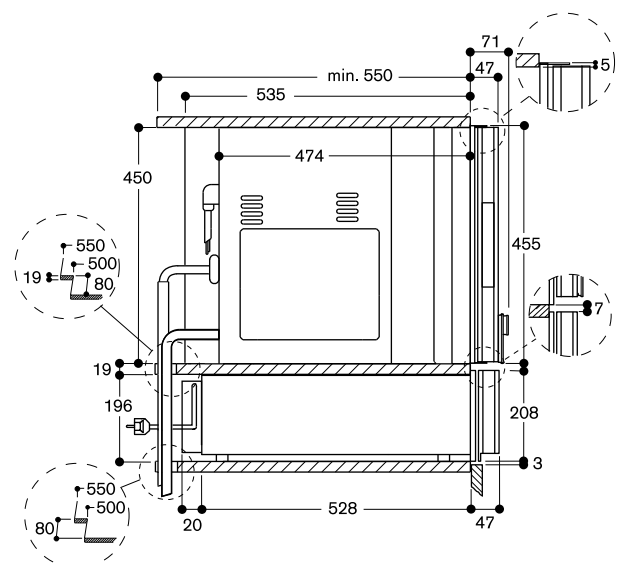
Total connected load 0.81 kW.  
Connection cable 1.5 m, with plug.



**Side view of WS 482 below BO 480**



**Side view of WS 482 below BS 484/485**



**WS 462 110**

Stainless steel-backed glass front  
Width 60 cm, Height 29 cm

**Warming drawer 400 series****WS 462**

- Proud mounted installation
- Handleless drawer
- Bright interior light
- Cushioned closing system
- Hygienic stainless steel interior with glass bottom
- 4 power levels in the temperature range 40 °C to 80 °C (glass surface)
- Also for preparing and cooking meals, and for keeping meals warm

**Heating methods**

Defrosting of meals/proving of yeast dough.  
Preheating of small beverage containers.  
Keeping meals warm/slow cooking meals.  
Warming ovenware.

**Handling**

Rotary knob operation.  
Recessed grip at the front bottom of the drawer.

**Features**

Net volume 51 litres.  
Volume capacity: Dinner service for 12 people including ø24 cm plates and soup bowls, additional bowls and a serving dish depending on size.  
Heating under glass bottom for easy cleaning.  
Fan for even heat distribution for fast warming ovenware.  
Status display, visible in the glass front.  
Glass bottom made of safety glass.  
Usable interior dimensions W 475 x H 236 x D 458 mm.  
Max. load 25 kg.

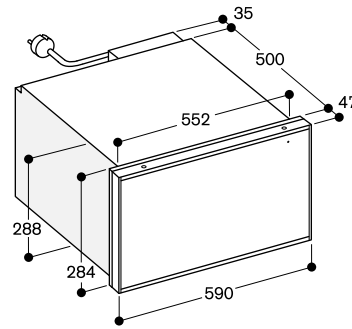
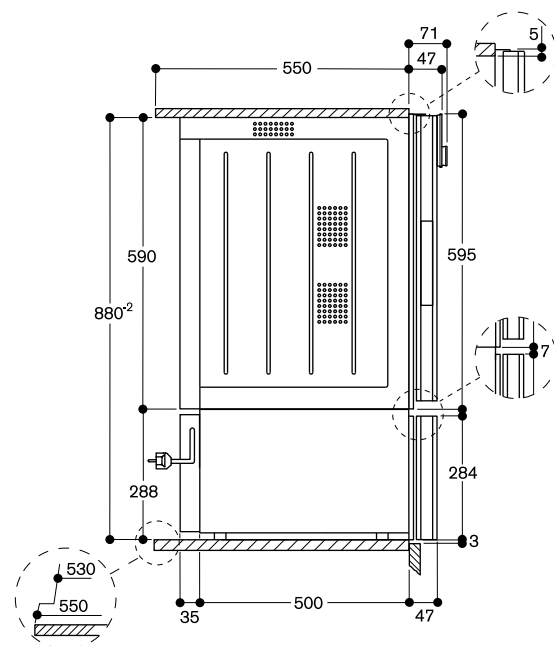
**Planning notes**

The panel surface of the appliance extends 47 mm from the furniture cavity.  
The socket can be planned behind the appliance.

Please read the installation details regarding oven combinations on page 8–9.

**Connection**

Total connected load 0.81 kW.  
Connection cable 1.5 m, with plug.

**Side view of WS 462 below BO**



### WS 461 110

Stainless steel-backed glass front  
Width 60 cm, Height 14 cm

### Warming drawer 400 series WS 461

- Proud mounted installation
- Handleless drawer
- Bright interior light
- Cushioned closing system
- Hygienic stainless steel interior with glass bottom
- 4 power levels in the temperature range 40 °C to 80 °C (glass surface)
- Also for preparing and cooking meals, and for keeping meals warm

#### Heating methods

Defrosting of meals/proving of yeast dough.  
Preheating of small beverage containers.  
Keeping meals warm/slow cooking meals.  
Warming ovenware.

#### Handling

Rotary knob operation.  
Recessed grip at the front bottom of the drawer.

#### Features

Net volume 19 litres.  
Volume capacity: Dinner service for 6 people including ø 24 cm plates and soup bowls, additional bowls and a serving dish depending on size.  
Heating under glass bottom for easy cleaning.  
Fan for even heat distribution for fast warming ovenware.  
Status display, visible in the glass front.  
Glass bottom made of safety glass.  
Usable interior dimensions  
W 475 x H 86 x D 458 mm.  
Max. load 25 kg.

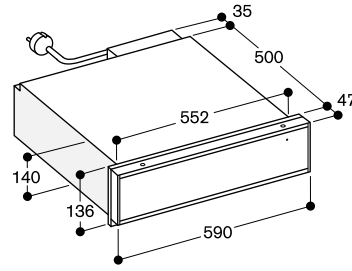
#### Planning notes

The panel surface of the appliance extends 47 mm from the furniture cavity.  
Installation of BS/BM/CM directly above WS in 59 cm niche without intermediate floor.  
The socket can be planned behind the appliance.

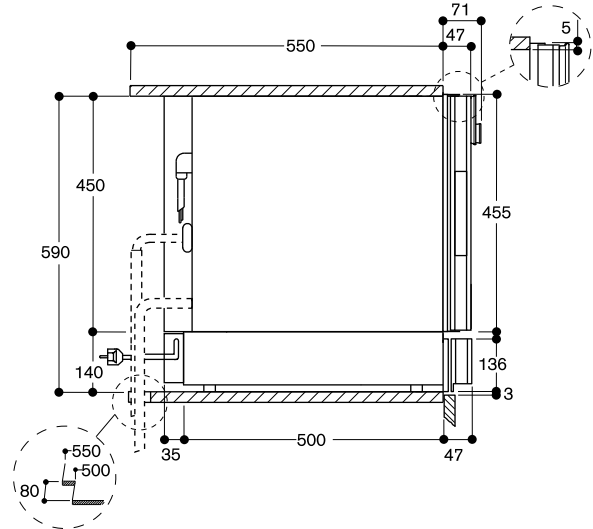
Please read the installation details regarding oven combinations on page 8–9.

#### Connection

Total connected load 0.81 kW.  
Connection cable 1.5 m, with plug.



Side view of WS 461 below BS, BM, CM





**DV 461 110**

Stainless steel-backed glass front  
Width 60 cm, Height 14 cm

**Included in the price**

- 1 Vacuuming bag, small (50 pcs.)
- 1 Vacuuming bag, large (50 pcs.)
- 1 Raised vacuuming platform
- 1 Adaptor for vacuuming outside the chamber
- 1 Vacuuming hose
- 1 Adaptor for bottle plugs
- 3 Plugs for vacuuming of bottles

**Special accessories****BA 080 670**

Vacuuming bags, small  
180 x 280 mm, 100 pcs.

**BA 080 680**

Vacuuming bags, large  
240 x 350 mm, 100 pcs.

**Vacuuming drawer 400 series****DV 461**

- Proud mounted installation
- Hygienic stainless steel vacuuming chamber, applicable height up to 80 mm
- 3 vacuuming levels for vacuuming in the chamber, max. 99%
- 3 vacuuming levels for vacuuming outside the chamber, max. 90%
- Automatic connection recognition for vacuuming outside the chamber
- Handleless drawer
- Cushioned closing system

**Application**

Vacuuming for sous-vide cooking.

Vacuuming for fast marinating and flavouring.

Vacuuming for extended storage.

Vacuuming of vacuuming containers outside the chamber.

Vacuuming of liquids in bottles outside the chamber.

**Handling**

Touch key operation.

Recessed grip at the front bottom of the drawer.

**Features**

Net volume 7 litres.

Capacity load max. 10 kg.

Maximum size of vacuuming bags

W 240 mm x L 350 mm.

3 heat-sealing levels for different strengths of bag material.

Sealing bar, non-stick coating, removable.

Safety glass cover, opens automatically after vacuuming.

Raised vacuuming platform, 44 mm, deployable.

Utility space in vacuuming chamber, W 210 mm x L 275 mm.

Membrane for avoiding reflow of liquids during vacuuming outside the chamber.

Drying program for vacuuming pump.

Warning function.

**Planning notes**

The panel surface of the appliance extends 47 mm from the furniture cavity.

Installation of BS/BM/CM directly above DV in 59 cm niche without intermediate floor.

Built-in under worktop or in single niche.

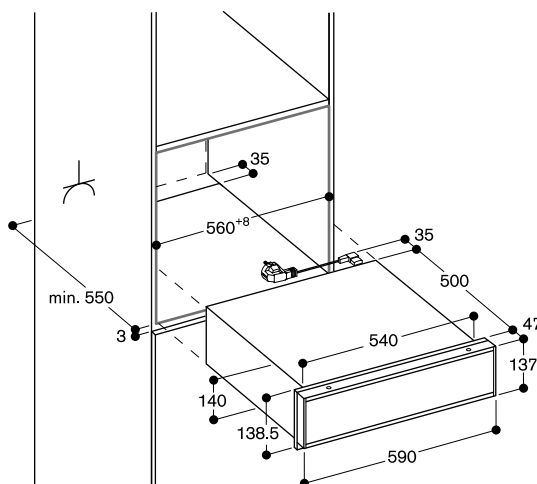
The socket can be planned behind the appliance.

Please read the installation details regarding oven combinations on page 8-9.

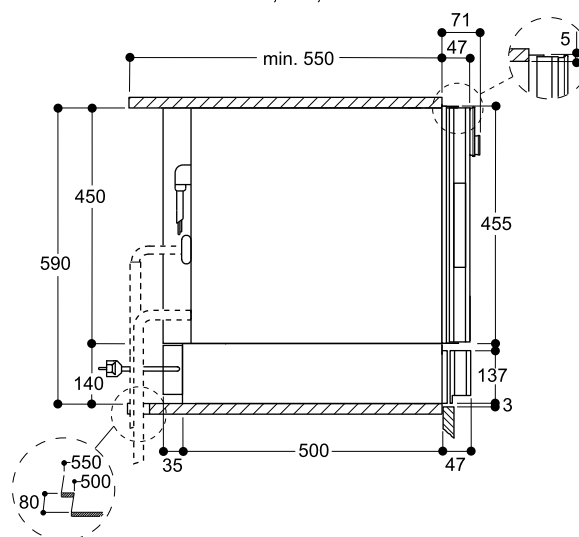
**Connection**

Total connected load 0.32 kW.

Connecting cable 1.5 m with plug.



Side view of DV 461 below BS, BM, CM



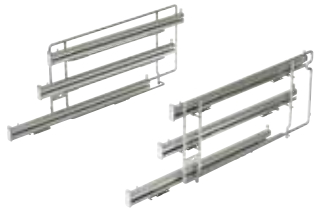
## Accessories and special accessories 400 series

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**BA 010 301**

Triple telescopic pull-out rack  
For combi-steam oven.

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**BA 016 105**

Pull-out system  
Fully extendable telescopic rails  
and enamelled cast iron frame.

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**BA 018 105**

Pull-out system  
Fully extendable telescopic rails  
and enamelled cast iron frame.

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**BA 056 115**

Heating element for baking stone  
and Gastronorm roaster

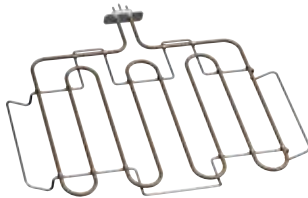
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**BA 058 115**

Heating element for baking stone  
and Gastronorm roaster

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**BA 056 133**

Baking stone  
Incl. baking stone support and  
pizza paddle (heating element must  
be ordered separately). Not in  
combination with pull-out system.

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**BA 058 133**

Baking stone  
Incl. baking stone support and pizza  
paddle (heating element must be  
ordered separately). Not in combina-  
tion with pull-out system.

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**BA 020 380**

Cooking container, non-stick,  
unperforated, 40 mm deep, 5l.

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**BA 020 390**

Cooking container, non-stick,  
perforated, 40 mm deep, 5l.

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**GN 340 230**

Gastronorm roaster in cast aluminium  
GN 2/3, height 165 mm, non-stick  
For roasting in oven with roasting  
function.

Lower and upper part can also be  
used separately, height 100 and  
65 mm.

For ovens with pull-out system  
BA 016 or BA 018 (order heating  
element separately) and Combi-steam  
ovens. Includes wire rack for use with  
pull-out system BA 018 / 016

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**Advice:**

Not every illustrated accessory fits to every oven.





## The oven EB 333

EB 333	30
Accessories and special accessories EB 333	31



### EB 333 111

Stainless steel  
Width 90 cm

#### Included in the price

- 1 baking tray, enamelled pyrolysis-safe
- 1 rotisserie spit
- 1 wire rack
- 1 grill tray with wire rack
- 1 plug-in core temperature probe

#### Special accessories

##### BA 018 105

Pull-out system  
Fully extendable telescopic rails and enamelled cast iron frame.

##### BA 058 115

Heating element for baking stone and Gastronorm roaster.

##### BA 058 133

Baking stone.  
Incl. baking stone support and pizza paddle (heating element must be ordered separately).

Not in combination with pull-out system.

##### GN 340 230

Gastronorm roaster in cast aluminium.  
GN 2/3, height 165 mm, non-stick.

## Oven

### EB 333

- One-piece front-hinged door with 3 mm precision crafted stainless steel front door panel
- Cushioned door opening and closing system
- Diagonally positioned light sources for optimal interior lighting
- Pyrolytic system
- 17 heating methods with core temperature probe, rotisserie spit and baking stone function
- Automatic programs
- Hot air fan rotates in both directions for ideal heat distribution
- TFT touch display
- Panel-free appliance with control module behind glass
- Electronic temperature control from 30 °C to 300 °C
- Net volume 83 litres

#### Heating methods

Hot air.  
Eco hot air.  
Top + bottom heat.  
Top + 1/3 bottom heat.  
Top heat.  
1/3 top + bottom heat.  
Bottom heat.  
Hot air + bottom heat.  
Hot air + 1/3 bottom heat.  
Full surface grill + circulated air.  
Full surface grill.  
Compact grill.  
Baking stone function.  
Roaster function.  
Dough proving.  
Defrosting.  
Keeping warm.

#### Handling

Rotary knob and TFT touch display operation.  
Clear text display in multiple languages.  
Option to save 50 individual recipes (incl. core temperature probe).  
Personalisation of automatic programs.  
Information key with use indicators.  
Front-hinged door with 90° door opening angle.

#### Features

Three-point core temperature probe with automatic shut-off and estimation of cooking time.  
40 automatic programs.  
Rotisserie spit.  
Baking stone socket.  
Actual temperature display.  
Rapid heating.  
Timer functions: cooking time, cooking time end, timer, stopwatch, long-term timer.  
60W halogen light on the top.  
2x 10 W halogen light on the side.  
Enamelled side shelf supports with 3 tray levels, pyrolysis-safe.

Home network integration for digital services (Home Connect) either via cable connection LAN (recommended) or wireless via WiFi. The use of the Home Connect functionality is not yet available in Australia. For further information please check: [home-connect.com](http://home-connect.com)

#### Safety

Thermally insulated door with quintuple glazing.  
Child lock.  
Safety shut-off.  
Cooled housing with temperature protection.

#### Cleaning

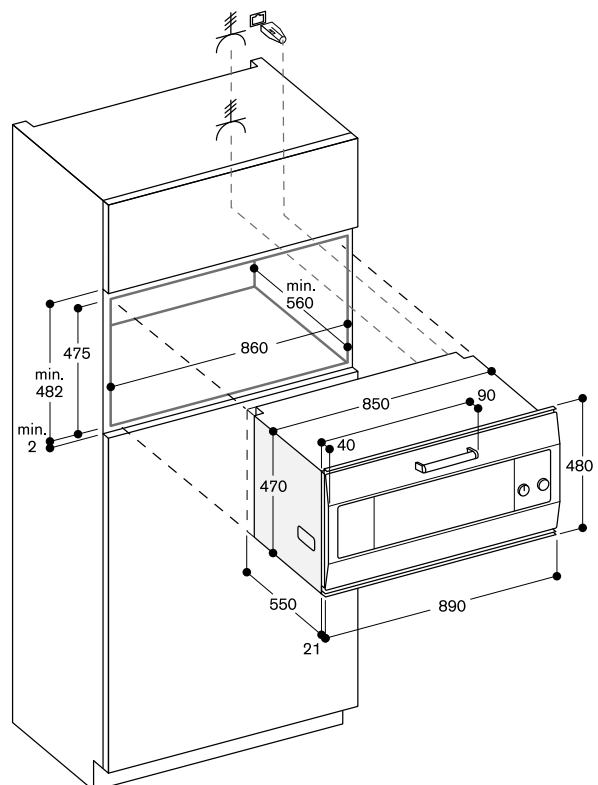
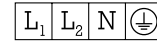
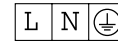
Pyrolytic system.  
Gaggenau enamel.  
Heated catalyser to clean the oven air.

#### Planning notes

The door panel surface of the appliance extends 40 mm from the furniture cavity. The outer edge of the door handle extends 90 mm from the furniture cavity. For installation underneath cooktops: Distance between the underside of the cooktop and the top edge of the oven cavity: min. 15 mm. The planning notes for the cooktops (particularly regarding ventilation, gas/electric connection) must be taken into account. To achieve the 550 mm installation depth, the connection cable needs to follow the slanted edge on the corner of the housing. The mains socket needs to be planned outside the built-in niche. The LAN port can be found at the back on the upper left side.

#### Connection

Total connected load 5.4 kW.  
Plan a connection cable.  
Plan a LAN cable.



## Accessories and special accessories EB 333

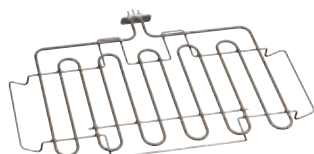
### BA 018 105

Pull-out system  
Fully extendable telescopic rails  
and enamelled cast iron frame.



### BA 058 115

Heating element for baking stone  
and Gastronorm roaster



### BA 058 133

Baking stone  
Incl. baking stone support and  
pizza paddle (heating element must  
be ordered separately). Not in  
combination with pull-out system.



### GN 340 230

Gastronorm roaster in cast aluminium  
GN 2/3, height 165 mm, non-stick  
For roasting in oven with roasting  
function.

Lower and upper part can also be  
used separately, height 100 and  
65 mm.

For ovens with pull-out system  
BA 016 or BA 018 (order heating  
element separately) and Combi-steam  
ovens. Includes wire rack for use with  
pull-out system BA 018 / 016







## The ovens 200 series

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# Checklist for appliance combinations 200 series

This checklist provides the most relevant parameters for the perfect combination and ordering of ovens, combi-steam ovens, combi-microwave ovens, microwaves, fully automatic espresso machines, warming drawers, vacuum drawer and dishwashers.

When several appliances are listed (BSP/BMP), the first appliance is shown.

## Vertical combinations

When planning and ordering please note that

- The door hinges of the appliances must be on the same side.
- The door hinge (right-/left-hinged) is not reversible.
- No further appliances may be fitted above the BSP.
- Only appliances with controls at the top can be installed above a dishwasher. The niche for appliances that are installed above it must be 56 cm wide. The dishwasher is 60 cm wide.

## Horizontal combinations

When planning and ordering please note that

- The door hinges can be located on either the inside or outside, without the full door opening angle being restricted.
- The door hinge (right-/left-hinged) cannot be reversed retrospectively.
- A minimum clearance of 10 mm between the two doors must be observed.
- Combi-steam ovens, combi-microwave ovens, microwaves and fully automatic espresso machines in combination with a warming drawer /vacuum drawer (14 cm in height) have the same total height as a 60 cm wide ovens.

- BOP Ovens
- BSP Combi-steam ovens
- BMP Combi-microwave ovens/ microwaves
- CMP Fully automatic espresso machine
- WSP Warming drawers
- DVP Vacuum drawer
- DF Dishwashers

All appliances shown can be obtained in these appliance colours:



Gaggenau Anthracite



Gaggenau Metallic

Vertical combination, 60 cm wide appliances



- BSP 250/BSP 270/BMP 250
- BOP 250/BOP 220
- WSP 222



- BMP 224
- BOP 250/BOP 220
- WSP 222



- BSP 250/BSP 270/BMP 250
- BMP 250
- WSP 221/DVP 221



- BMP 250/BSP 250/BSP 270
- CMP 250
- WSP 221/DVP 221



- BMP 224
- CMP 250
- WSP 221/DVP 221



- BMP 224
- CMP 250
- WSP 221/DVP 221



- BOP 250/BOP 220
- DF 481/DF 250



- BSP 250/BSP 270/BMP 250
- DF 481/DF 250



- CMP 250
- DF 481/DF 250

Horizontal combination, 60 cm wide appliances



- BOP 251/BOP 221
- BOP 250/BOP 220



- BOP 251/BOP 221
- BSP 250/BSP 270/BMP 250
- DVP 221/WSP 221



- BOP 251
- CMP 250
- DVP 221/WSP 221



- BSP 251/BSP 271/  
BMP 251
- DVP 221/WSP 221
- BMP 250/BSP 250/  
BSP 270
- DVP 221/WSP 221



- BMP 251/BSP 250/  
BSP 270
- DVP 221/WSP 221
- CMP 250
- DVP 221/WSP 221



- BOP 251
- CMP 250
- DVP 221/WSP 221
- BSP 250/BSP 270/BMP 250
- DVP 221/WSP 221



- BMP 251/BSP 250/  
BSP 270
- DVP 221/WSP 221
- CMP 250
- DVP 221/WSP 221
- BSP 250/BSP 270/BMP 250
- DVP 221/WSP 221

Combination of 4 with warming drawer, 60 cm wide appliances



- BOP 251/BOP 221
- BSP 250/BSP 270/  
BMP 250
- DVP 221/WSP 221
- BMP 250/BSP 250  
BSP 270
- DVP 221/WSP 221



- BSP 251/BSP 271/  
BMP 251
- BOP 251/BOP 221
- BMP 250/BSP 250/  
BSP 270
- CMP 250
- DVP 221/WSP 221



#### Controls at the top

##### Right-hinged

###### BOP 250 102

Full glass door in Gaggenau Anthracite  
Width 60 cm

###### BOP 250 112

Full glass door in Gaggenau Metallic  
Width 60 cm

##### Left-hinged

###### BOP 251 102

Full glass door in Gaggenau Anthracite  
Width 60 cm

###### BOP 251 112

Full glass door in Gaggenau Metallic  
Width 60 cm

#### Included in the price

- 1 baking tray, enamelled pyrolysis-safe
- 1 glass tray
- 1 wire rack
- 1 plug-in core temperature probe

#### Special accessories

##### BA 016 105

Pull-out system  
Fully extendable telescopic rails and enamelled cast iron frame.

##### BA 056 115

Heating element for baking stone and Gastronorm roaster.

##### BA 056 133

Baking stone.  
Incl. baking stone support and pizza paddle (heating element must be ordered separately).  
Not in combination with pull-out system..

##### GN 340 230

Gastronorm roaster in cast aluminium.  
GN 2/3, height 165 mm, non-stick.

#### Oven 200 series

##### BOP 250/BOP 251

- Flush installation
- Pyrolytic system
- 13 heating methods with core temperature probe and baking stone function
- Automatic programs
- TFT touch display
- Panel-free appliance with surface control module
- Electronic temperature control from 30 °C to 300 °C
- Net volume 76 litres

#### Heating methods

Hot air.  
Eco hot air.  
Top + bottom heat.  
Top heat.  
Bottom heat.  
Hot air + bottom heat.  
Full surface grill + circulated air.  
Full surface grill.  
Compact grill.  
Baking stone function.  
Roaster function.  
Dough proving.  
Defrosting.

#### Handling

Rotary knob and TFT touch display operation.  
Clear text display in multiple languages.  
Option to save 50 individual recipes (incl. core temperature probe).  
Personalisation of automatic programs.  
Information key with use indicators.  
Side-opening door opens up to 110° angle.

#### Features

Three-point core temperature probe with automatic shut-off and estimation of cooking time.  
40 automatic programs.  
Baking stone socket.  
Actual temperature display.  
Rapid heating.  
Timer functions: cooking time, cooking time end, timer, stopwatch, long-term timer.  
60 W halogen light on the top.  
Enamelled side shelf supports with 4 tray levels, pyrolysis-safe.

Home network integration for digital services (Home Connect) either via cable connection LAN (recommended) or wireless via WiFi. The use of the Home Connect functionality is not yet available in Australia. For further information please check: [home-connect.com](http://home-connect.com)

#### Safety

Thermally insulated door with quintuple glazing.  
Child lock.  
Safety shut-off.  
Cooled housing with temperature protection.

#### Cleaning

Pyrolytic system.  
Gaggenau enamel.  
Heated catalyser to clean the oven air.

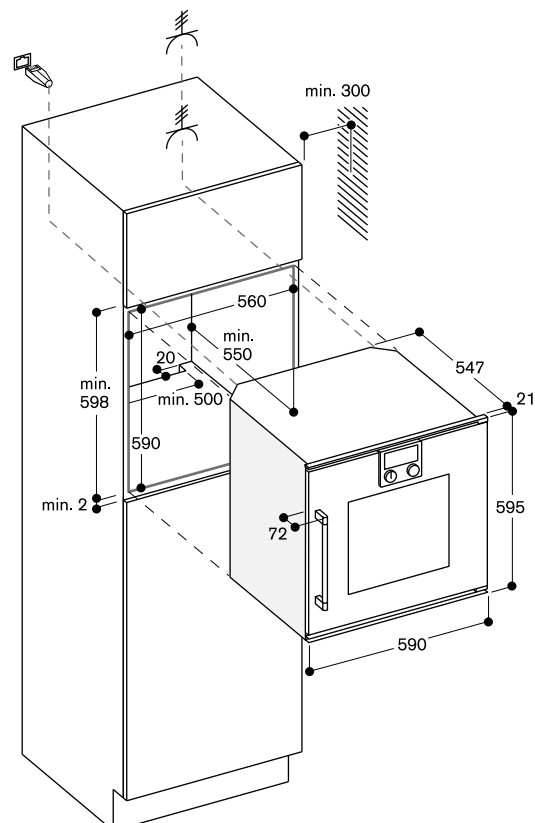
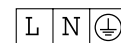
#### Planning notes

Door hinge not reversible.  
The door panel surface of the appliance extends 21 mm from the furniture cavity.  
The outer edge of the door handle extends 72 mm from the furniture cavity.  
Necessary lateral gap between appliance door and furniture panel of min. 5 mm.  
Consider the overhang, incl. the door handle, when planning to open drawers next to the appliance.  
When planning a corner solution, pay attention to the 110° door opening angle.  
For installation underneath cooktops: Distance between the underside of the cooktop and the top edge of the oven cavity: min. 15 mm. The planning notes for the cooktops (particularly regarding ventilation, gas/electric connection) must be taken into account.  
To achieve the 550 mm installation depth, the connection cable needs to follow the slanted edge on the corner of the housing.  
The mains socket needs to be planned outside the built-in niche.  
The LAN port can be found at the back on the upper right side.

Please read the installation details regarding oven combinations on page 8–9.

#### Connection

Total connected load 3.7 kW.  
Plan a connection cable.  
Plan a LAN cable.





#### Controls at the top

##### Right-hinged

###### BOP 220 102

Full glass door in Gaggenau Anthracite

Width 60 cm

###### BOP 220 112

Full glass door in Gaggenau Metallic

Width 60 cm

##### Left-hinged

###### BOP 221 102

Full glass door in Gaggenau Anthracite

Width 60 cm

###### BOP 221 112

Full glass door in Gaggenau Metallic

Width 60 cm

#### Included in the price

1 baking tray, enamelled pyrolysis-safe

1 glass tray

1 wire rack

#### Special accessories

##### BA 016 105

Pull-out system

Fully extendable telescopic rails and enamelled cast iron frame.

##### BA 056 115

Heating element for baking stone and Gastronorm roaster.

##### BA 056 133

Baking stone.

Incl. baking stone support and pizza paddle (heating element must be ordered separately).

Not in combination with pull-out system.

##### GN 340 230

Gastronorm roaster in cast aluminium.

GN 2/3, height 165 mm, non-stick.

#### Oven 200 series

##### BOP 220/BOP 221

- Flush installation
- Pyrolytic system
- 9 heating methods, with baking stone function
- TFT touch display
- Panel-free appliance with surface control module
- Electronic temperature control from 50 °C to 300 °C
- Net volume 76 litres

#### Heating methods

Hot air.

Eco hot air.

Top + bottom heat.

Top heat.

Bottom heat.

Hot air + bottom heat.

Full surface grill + circulated air.

Full surface grill.

Baking stone function.

#### Handling

Rotary knob and TFT touch display operation.

Clear text display in multiple languages.

Option to save 50 individual recipes.

Information key with use indicators.

Side-opening door opens up to

110° angle.

#### Features

Baking stone socket.

Actual temperature display.

Rapid heating.

Timer functions: cooking time, cooking time end, timer, stopwatch, long-term timer.

60 W halogen light on the top.

Enamelled side shelf supports with 4 tray levels, pyrolysis-safe.

Home network integration for digital services (Home Connect) either via cable connection LAN (recommended) or wireless via WiFi. The use of the Home Connect functionality is not yet available in Australia. For further information please check: [home-connect.com](http://home-connect.com)

#### Safety

Thermally insulated door with quintuple glazing.

Child lock.

Safety shut-off.

Cooled housing with temperature protection.

#### Cleaning

Pyrolytic system.

Gaggenau enamel.

Heated catalyser to clean the oven air.

#### Planning notes

Door hinge not reversible.

The door panel surface of the appliance extends 21 mm from the furniture cavity.

The outer edge of the door handle extends 72 mm from the furniture cavity.

Necessary lateral gap between appliance door and furniture panel of min. 5 mm.

Consider the overhang, incl. the door handle, when planning to open drawers next to the appliance.

When planning a corner solution, pay attention to the 110° door opening angle.

For installation underneath cooktops: Distance between the underside of the cooktop and the top edge of the oven cavity: min. 15 mm.

The planning notes for the cooktops (particularly regarding ventilation, gas/electric connection) must be taken into account.

To achieve the 550 mm installation depth, the connection cable needs to follow the slanted edge on the corner of the housing.

The mains socket needs to be planned outside the built-in niche.

The LAN port can be found at the back on the upper right side.

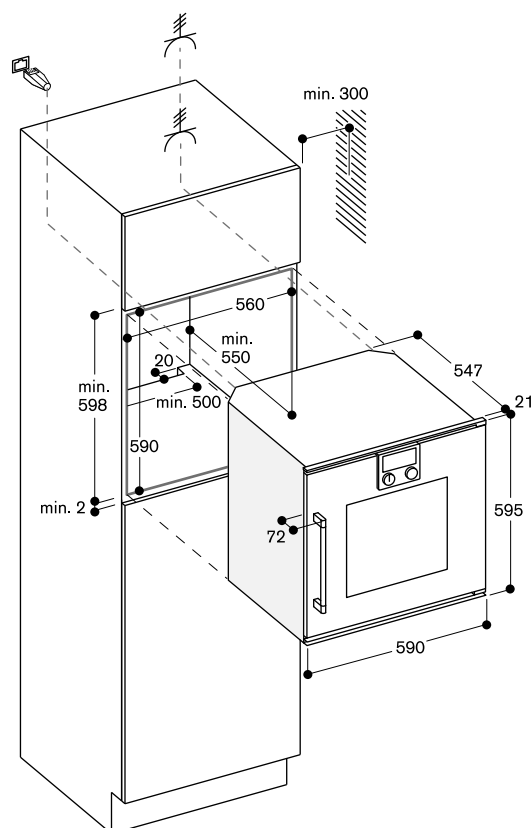
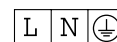
Please read the installation details regarding oven combinations on page 8–9.

#### Connection

Total connected load 3.7 kW.

Plan a connection cable.

Plan a LAN cable.





#### Controls at the top

##### Right-hinged

###### BSP 270 101

Full glass door in Gaggenau Anthracite  
Width 60 cm

###### BSP 270 111

Full glass door in Gaggenau Metallic  
Width 60 cm

##### Left-hinged

###### BSP 271 101

Full glass door in Gaggenau Anthracite  
Width 60 cm

###### BSP 271 111

Full glass door in Gaggenau Metallic  
Width 60 cm

#### Included in the price

- 1 Cooking container, stainless steel, perforated
- 1 Cooking container, stainless steel, unperforated
- 1 wire rack
- 1 plug-in core temperature probe
- 1 outlet hose (3 m long)
- 1 water inlet hose (3 m long)
- 4 cleaning cartridge

#### Installation accessories

##### GF 111 100

Water descaling system

##### GF 121 110

Filter cartridge

##### GZ 010 011

Extension for water inlet and outlet  
(2 m long)

#### Special accessories

##### BA 010 301

Triple telescopic pull-out rack  
For combi-steam oven.

##### BA 020 380

Cooking container, non-stick, unperforated, 40 mm deep, 5 l.

##### BA 020 390

Insert, non-stick, perforated, 40 mm deep, 5 l.

##### GN 340 230

Gastronorm roaster in cast aluminium.  
GN 2/3, height 165 mm, non-stick.

#### Combi-steam oven 200 series

##### BSP 270/BSP 271

- Flush installation
- Fixed inlet and outlet water connection
- Cleaning system, fully automatic
- Large cavity
- LED light source
- External steam generation
- Steaming without pressure
- Hot air 30 °C to 230 °C can be combined with chosen humidity level of 0%, 30%, 60%, 80% or 100%
- Sous-vide cooking with accurate temperature regulation
- Full surface grill behind glass ceramic, combinable with circulated air up to 230 °C and steam
- Automatic programs
- Core temperature probe with estimation of cooking time
- Hot air fan rotates in both directions for ideal heat distribution
- TFT touch display
- Panel-free appliance with surface control module
- Electronic temperature control from 30 °C to 230 °C
- Net volume 50 litres

#### Heating methods

Hot air + 100 % humidity.

Hot air + 80 % humidity.

Hot air + 60 % humidity.

Hot air + 30 % humidity.

Hot air + 0 % humidity.

Low temperature cooking.

Sous-vide cooking.

Full surface grill level 1 + humidity.

Full surface grill level 2 + humidity.

Full surface grill + circulated air.

Dough proofing.

Defrosting.

Regenerating.

#### Handling

Rotary knob and TFT touch display operation.

Clear text display in multiple languages.

Option to save 50 individual recipes (incl. core temperature probe).

Personalisation of automatic programs.

Information key with use indicators.

Side-opening door opens up to 110° angle.

#### Features

Full surface grill 2 kW behind glass ceramic.

Steam removal.

Misting.

Three-point core temperature probe with automatic shut-off and estimation of cooking time.

Automatic programs.

Actual temperature display.

Timer functions: cooking time, cooking time end, timer, stopwatch, long-term timer.

Automatic boiling point detection.

LED light on the side.

Hygienic stainless steel cooking interior.  
3 tray levels.

#### Safety

Child lock.

Safety shut-off.

Cooled housing with temperature protection.

#### Cleaning

Cleaning program, fully automatic.  
Descaling program for the steam generator.

Drying function.

Automatic drying of the cavity at the end of the cooking process.

Strainer filter, removable.

Demo cleaning program.

#### Planning notes

Door hinge not reversible.

No other electrical appliances should be installed above the BS.

At no point may the outlet hose be positioned higher than the bottom edge of the appliance. The outlet hose must also be at least 100 mm lower than the appliance outlet (see drawing "drainage connection").

Inlet hose can be extended once.

The outlet hose must not be longer than a maximum of 5 m.

The water connection (1) for the inlet hose must always be accessible and not located directly behind the appliance.

The connection of the outlet hose to the siphon (2) must not be directly behind the appliance and should be accessible.

The descaling system GF 111 100 (3) must be installed when connecting the appliance if the water hardness exceeds 7° dH.

The door panel surface of the appliance extends 21 mm from the furniture cavity.

The outer edge of the door handle extends 72 mm from the furniture cavity. Necessary lateral gap between appliance door and furniture panel of min. 5 mm.

Consider the overhang, incl. the door handle, when planning to open drawers next to the appliance.

When planning a corner solution, pay attention to the 110° door opening angle. The mains socket needs to be planned outside the built-in niche.

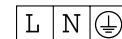
Please read the installation details regarding oven combinations on page 8–9.

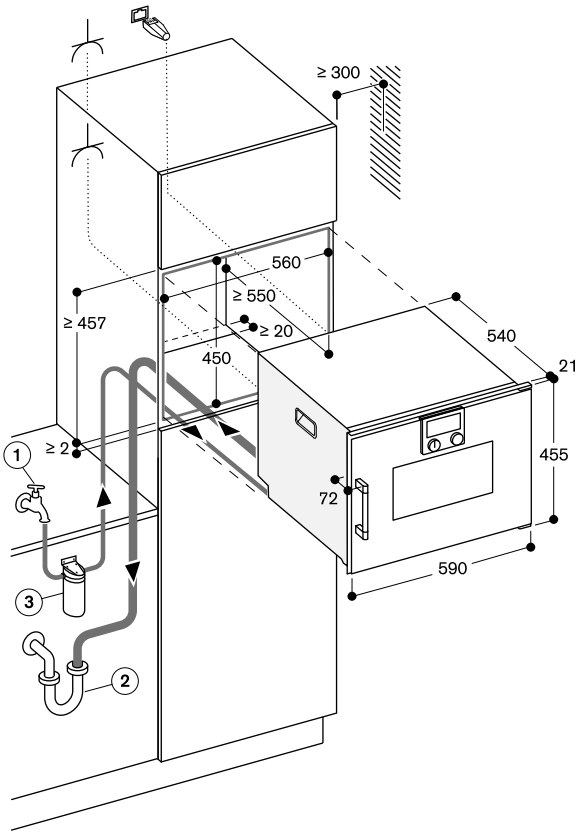
#### Connection

Total connected load 3.15 kW.

Connecting cable 1.7 m without plug.

Plan a LAN cable.

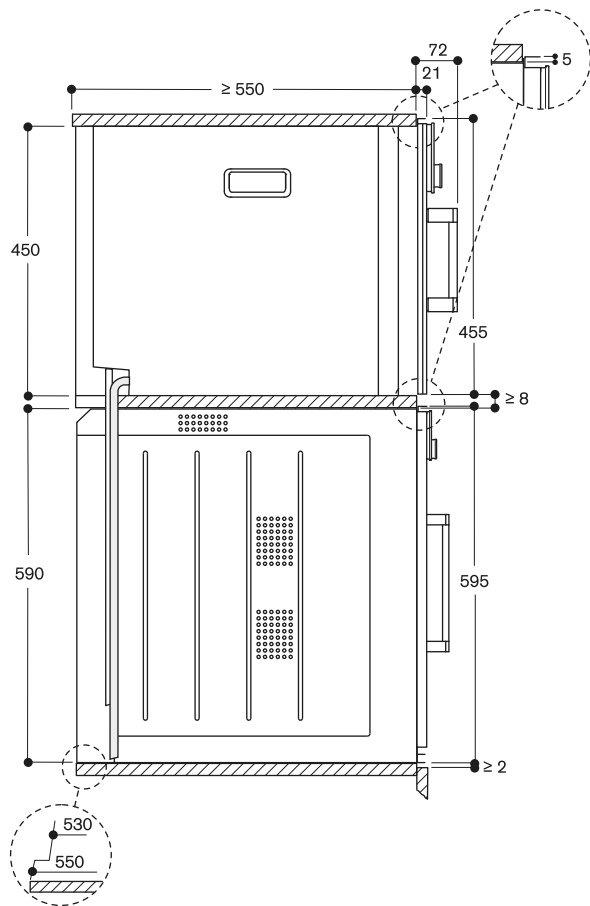




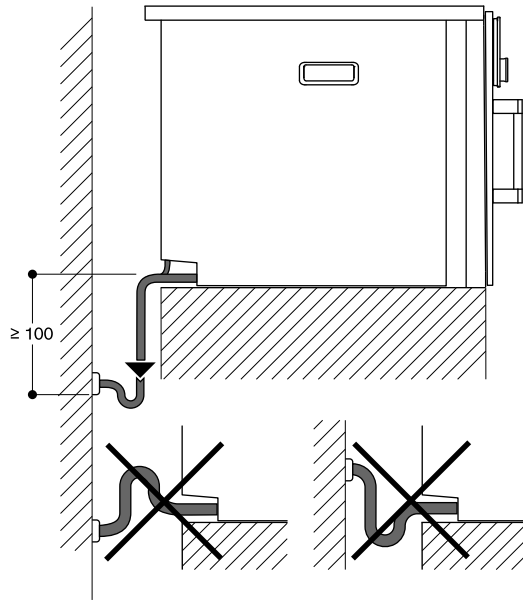
⚡ Socket

measurements in mm

Side view of BSP 270 above BOP

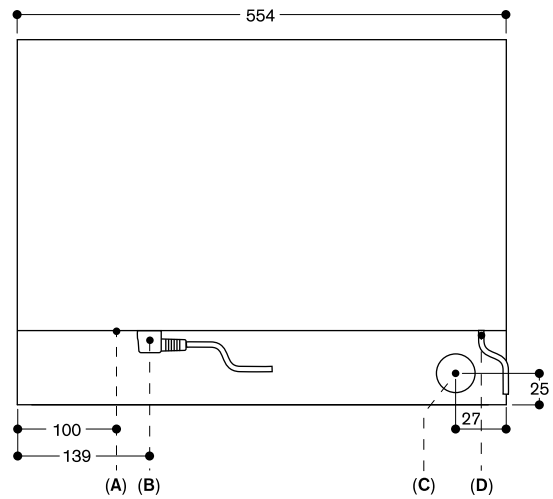


measurements in mm



measurements in mm

View from rear



- A: LAN connection
- B: Electric terminal box
- C: Water outlet
- D: Cold water inlet

measurements in mm



#### Controls at the top

##### Right-hinged

##### BSP 250 101

Full glass door in Gaggenau Anthracite

Width 60 cm

##### BSP 250 111

Full glass door in Gaggenau Metallic

Width 60 cm

##### Left-hinged

##### BSP 251 101

Full glass door in Gaggenau Anthracite

Width 60 cm

##### BSP 251 111

Full glass door in Gaggenau Metallic

Width 60 cm

#### Included in the price

- 1 Cooking container, stainless steel, perforated
- 1 Cooking container, stainless steel, unperforated
- 1 wire rack
- 1 plug-in core temperature probe

#### Special accessories

##### BA 010 301

Triple telescopic pull-out rack

For combi-steam oven.

##### BA 020 380

Cooking container, non-stick, unperforated, 40 mm deep, 5 l.

##### BA 020 390

Insert, non-stick, perforated, 40 mm deep, 5 l.

##### GN 340 230

Gastronorm roaster in cast aluminium. GN 2/3, height 165 mm, non-stick.

#### Combi-steam oven 200 series

##### BSP 250/BSP 251

- Flush installation
- Water tank for fresh and waste water
- Large cavity
- LED light source
- External steam generation
- Steaming without pressure
- Hot air 30 °C to 230 °C can be combined with chosen humidity level of 0%, 30%, 60%, 80% or 100%
- Sous-vide cooking with accurate temperature regulation
- Full surface grill behind glass ceramic, combinable with circulated air up to 230 °C and steam
- Automatic programs
- Core temperature probe with estimation of cooking time
- Hot air fan rotates in both directions for ideal heat distribution
- TFT touch display
- Panel-free appliance with surface control module
- Electronic temperature control from 30 °C to 230 °C
- Net volume 50 litres

#### Heating methods

Hot air + 100 % humidity.

Hot air + 80 % humidity.

Hot air + 60 % humidity.

Hot air + 30 % humidity.

Hot air + 0 % humidity.

Low temperature cooking.

Sous-vide cooking.

Full surface grill level 1 + humidity.

Full surface grill level 2 + humidity.

Full surface grill + circulated air.

Dough proofing.

Defrosting.

Regenerating.

#### Handling

Rotary knob and TFT touch display operation.

Clear text display in multiple languages.

Option to save 50 individual recipes (incl. core temperature probe).

Personalisation of automatic programs.

Information key with use indicators.

Side-opening door opens up to 110° angle.

#### Features

Full surface grill 2 kW behind glass ceramic.

2 removable 1.7 litre water tanks.

Water level warning.

Three-point core temperature probe with automatic shut-off and estimation of cooking time.

Automatic programs.

Actual temperature display.

Timer functions: cooking time, cooking time end, timer, stopwatch, long-term timer.

Automatic boiling point detection.

LED light on the side.

Hygienic stainless steel cooking interior.

3 tray levels.

#### Safety

Child lock.

Safety shut-off.

Cooled housing with temperature protection.

#### Cleaning

Cleaning aid.

Descaling program for the steam generator.

Drying function.

Automatic drying of the cavity at the end of the cooking process.

Water tank, dishwasher-safe.

Grease filter, dishwasher-safe.

Strainer filter, removable.

#### Planning notes

Door hinge not reversible.

No other electrical appliances should be installed above the BS.

The door panel surface of the appliance extends 21 mm from the furniture cavity.

The outer edge of the door handle extends 72 mm from the furniture cavity. Necessary lateral gap between appliance door and furniture panel of min. 5 mm.

Consider the overhang, incl. the door handle, when planning to open drawers next to the appliance.

When planning a corner solution, pay attention to the 110° door opening angle.

The mains socket needs to be planned outside the built-in niche.

The LAN port can be found at the back on the lower left side.

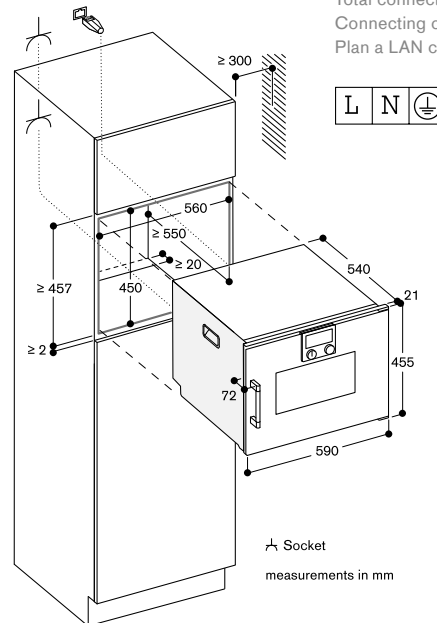
Please read the installation details regarding oven combinations on page 8–9.

#### Connection

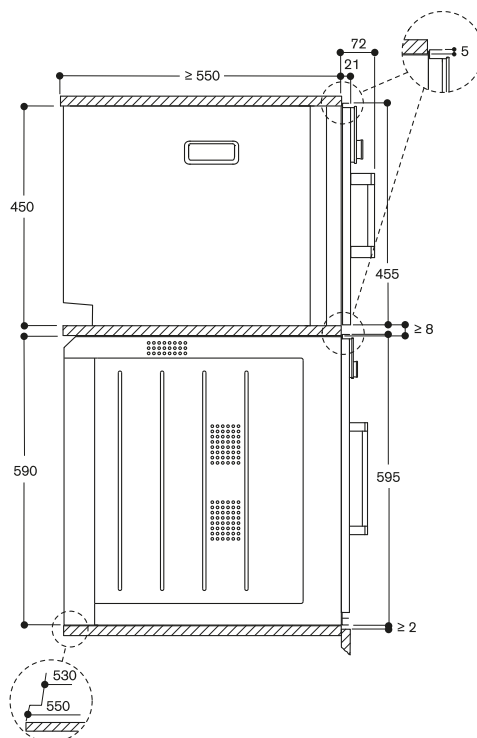
Total connected load 3.15 kW.

Connecting cable 1.7 m without plug.

Plan a LAN cable.



Side view of BSP 250 above BOP



measurements in mm





#### Controls at the top

##### Right-hinged

##### BMP 250 100

Full glass door in Gaggenau Anthracite  
Width 60 cm

##### BMP 250 110

Full glass door in Gaggenau Metallic  
Width 60 cm

##### Left-hinged

##### BMP 251 100

Full glass door in Gaggenau Anthracite  
Width 60 cm

##### BMP 251 110

Full glass door in Gaggenau Metallic  
Width 60 cm

#### Included in the price

- 1 combination wire rack
- 1 glass tub

#### Combi-microwave oven 200 series BMP 250/BMP 251

- Flush installation
- Single operation and combination of microwave, grill and oven
- Sequential operation of up to 5 modes incl. programing of combined operation and rest time
- TFT touch display
- Panel-free appliance with surface control module
- Electronic temperature control
- Interior volume 36 litres

#### Programs

Microwave operation with 5 output levels: 1000, 600, 360, 180, 90 W.  
Oven operation with 4 heating methods:  
Hot air 40 °C and from 100 °C to 250 °C,  
Full surface grill + hot air from 100 °C to 250 °C,  
Full surface grill + circulated air from 100 °C to 250 °C  
Full surface grill with 3 levels of intensity, maximum output 2000 W.  
Heating methods with microwave output levels 600, 360, 180 and 90 W freely combinable.  
15 automatic programs with weight indication, customisable:  
4 defrosting programs  
4 cooking programs  
7 combination programs  
Option to save individual recipes.

#### Handling

Rotary knob and TFT touch display operation.  
Clear text display in multiple languages.  
Information key with use indicators.  
Side-opening door opens up to 110° angle.

#### Features

Rapid heating.  
4 tray levels.  
Actual temperature display.  
60 W halogen light on the side.

#### Safety

Thermally insulated door with triple glazing.  
Triple door lock.  
Child lock.  
Safety shut-off.  
Cooled housing with temperature protection.

#### Cleaning

Hygienic stainless steel interior with glass ceramic base.  
Interior back wall with catalytic coating.

#### Planning notes

Door hinge not reversible.  
Plan the niche without back wall.  
Necessary lateral gap between appliance door and furniture panel of min. 5 mm.  
The door panel surface of the appliance extends 21 mm from the furniture cavity.  
The outer edge of the door handle extends 72 mm from the furniture cavity.  
Consider the overhang, incl. the door handle, when planning to open drawers next to the appliance.

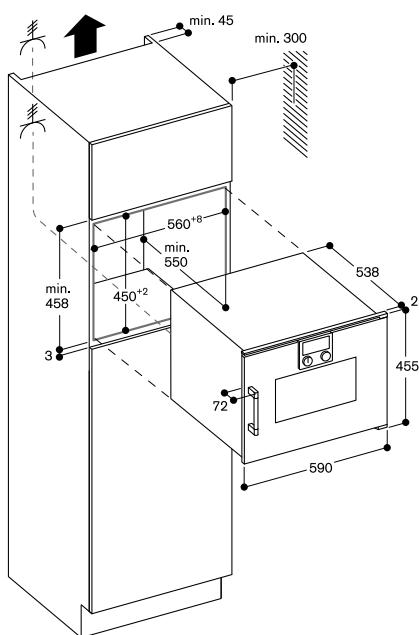
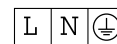
When planning a corner solution, pay attention to the 110° door opening angle.

The mains socket needs to be planned outside of the built-in niche.

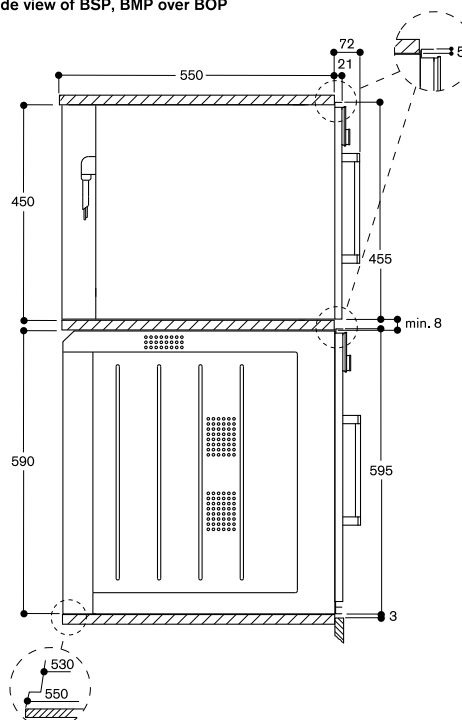
Please read the installation details regarding oven combinations on page 8–9.

#### Connection

Total connected load 3.1 kW.  
Connection cable 1.5m without plug.



Side view of BSP, BMP over BOP





#### Controls at the bottom

##### Right-hinged

##### BMP 224 100

Full glass door in Gaggenau Anthracite  
Width 60 cm

##### BMP 224 110

Full glass door in Gaggenau Metallic  
Width 60 cm

##### Left-hinged

##### BMP 225 100

Full glass door in Gaggenau Anthracite  
Width 60 cm

##### BMP 225 110

Full glass door in Gaggenau Metallic  
Width 60 cm

#### Included in the price

1 glass tray

1 wire rack

#### Microwave oven 200 series

##### BMP 224/BMP 225

- Flush installation
- Handleless door / automatic door opening
- Single operation and combination of microwave and grill
- Sequential operation of up to 5 modes incl. programming of combined operation and rest time
- TFT touch display
- Electronic temperature control
- Interior volume 21 litres

#### Programs

Microwave operation with 5 output levels: 900, 600, 360, 180, 90 W.

Full surface grill with 3 levels of intensity, maximum output 1300 W.

Full surface grill with microwave output levels 360, 180 and 90 W combinable.

10 automatic programs with weight indication:

3 defrosting programs

4 cooking programs

3 combination programs

Option to save individual recipes.

#### Handling

Automatic door opening.

Rotary knob and TFT touch display operation.

Clear text display in multiple languages.

Information key with use indicators.

Side-opening door opens up to 110° angle.

#### Features

Actual temperature display.

25 W interior light.

Hygienic stainless steel interior with glass ceramic base.

#### Safety

Thermally insulated door with double glazing.

Triple door lock.

Child lock.

Safety shut-off.

Cooled housing with temperature protection.

#### Planning notes

Door hinge not reversible.

Minimum installation height 85 cm (top edge of niche bottom).

Height-adjustable feet.

Installation of BMP above BOP with intermediate shelf.

Necessary lateral gap between appliance door and furniture panel of min. 5 mm.

The door panel surface of the appliance extends 21 mm from the furniture cavity.

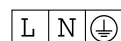
When planning a corner solution, pay attention to the 90° door opening angle.

Please read the installation details regarding oven combinations on page 8–9.

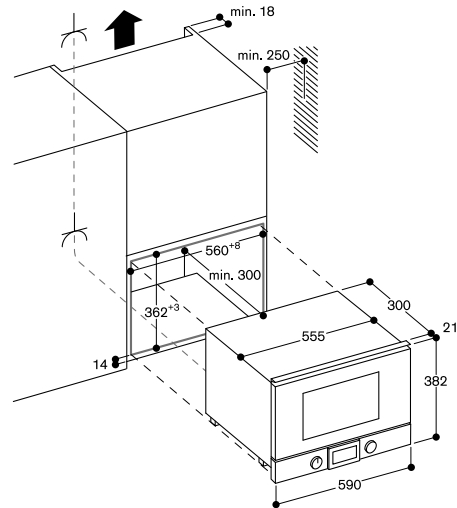
#### Connection

Total connected load 2.0 kW.

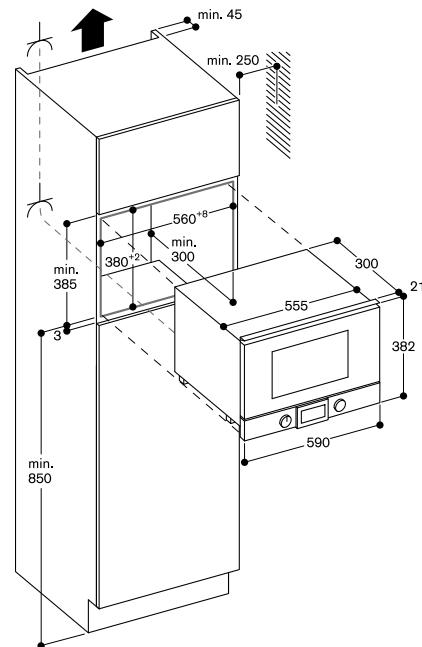
Connection cable 1.7 m, with plug.



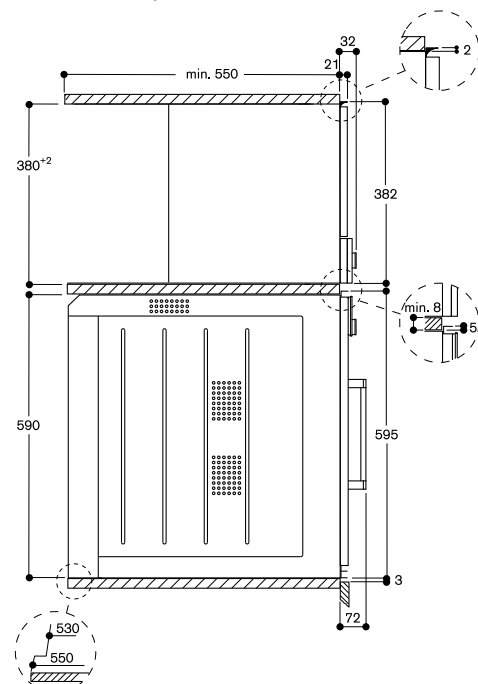
#### Installation in a wall-hanging cupboard



#### Installation in a tall cupboard



#### Side view of BMP 224/225 over BOP





#### Controls at the top

##### Left-hinged

##### CMP 250 101

Full glass door in Gaggenau Anthracite  
Width 60 cm

##### CMP 250 111

Full glass door in Gaggenau Metallic  
Width 60 cm

#### Included in the price

- 1 assembly screws
- 1 scoop
- 1 test strip
- 1 milk container (insulated)
- 1 connection hose for milk frother
- 1 milk tube

#### Fully automatic espresso machine

##### 200 series

##### CMP 250

- Flush installation
- Handless door / cushioned door closing system
- Continuous flow heater means no waiting time and constant brewing temperature
- Aroma brewing technology for a full aroma
- Single portion cleaning
- TFT touch display
- Panel-free appliance with surface control module
- One-touch operation
- Personalisation function
- Water tank
- Seven light settings
- Electronic fill level control for milk, water and coffee to ensure a perfect result

#### Type of beverage

Ristretto / 2 x Ristretto.  
Espresso / 2 x Espresso.  
Espresso Macchiato / 2 x Espresso Macchiato.  
Coffee / 2 x Coffee.  
Americano / 2 x Americano.  
Caffe Latte / 2 x Caffe Latte.  
Latte Macchiato / 2 x Latte Macchiato.  
Cappuccino / 2 x Cappuccino.  
Flat White / 2 x Flat White.  
Milk froth / 2 x Milk froth.  
Warm milk / 2 x Warm milk.  
Hot water / 2 x Hot water.

#### Handling

Door with cushioned door closing system.  
Rotary knob and TFT touch display operation.  
Clear text display in multiple languages.  
Personalisation function, option to save 8 individualised beverages.  
4 beverage size settings, volume can be individually adjusted to match the size of the cup.  
8 coffee strength levels from very mild to extra strong.  
3 coffee temperature levels.  
10 hot water temperature levels.  
4 coffee-milk ratio levels.  
Adjustable grinding level.  
Height-adjustable coffee dispenser 7 cm to 15 cm.  
Easy access to water tank, milk and coffee bean container behind the door.

#### Features

Maintenance-free grinding unit with ceramic discs.  
Separate drawer for second ground coffee type.  
Water pump with 19 bar pressure.  
Double grinding and brewing cycles for extra intensity for single beverage order.  
For double beverage order, two grinding and brewing cycles.  
Beverage dispenser with integrated milk system.  
Insulated stainless steel milk container for up to 0.5 litres.  
Integrated lightning with LEDs.  
Removable bean container with aroma protecting lid for 500 g allows for an effortless exchange of different types of coffee beans.

Automatic adjustment of ground coffee quantity.

Removable 2.4 litre water tank.

Electronic water filter exchange indicator.

Electronic fill level control for drip tray and container for coffee residue.

#### Safety

Child lock.

#### Cleaning

Fully automatic rinse program when machine is turned on/off.

Automatic steam cleaning of the milk system after every beverage.

Automatic cleaning and descaling program.

Emptying program to prepare the appliance for holiday or transportation.

Empty-grinding function to remove coffee residues from the system when switching bean types.

Removable brewing unit.

Dishwasher-safe coffee residue container and drip tray.

Dishwasher-safe beverage dispenser.

#### Planning notes

Ideal installation height 95 – 145 cm (top edge of niche bottom).

Necessary lateral gap between appliance front and furniture panel of min. 5 mm.

The door panel surface of the appliance extends 21 mm from the furniture cavity.

When installing in a corner a side clearance is required.

Door opening angle appr. 110°

(delivery status) - mounting distance to the wall has to be at least 350 mm.

Door opening angle appr. 155° -

mounting distance to the wall has to be at least 650 mm.

Door opening angle appr. 92° - mount-

ing distance to the wall has to be at least 100 mm

(spare part No. 00636455).

Installation directly above 14 cm high

warming drawer in 59 cm standardised

niche.

Special accessories

(order as spare parts):

Part No. 17000705 Water filter

Part No. 00311819 Descaling tablets

Part No. 00311769 Cleaning tablets

Part No. 00636455 Door hinge

restrictor (92° opening angle)

Part No. 11015223 Bean container

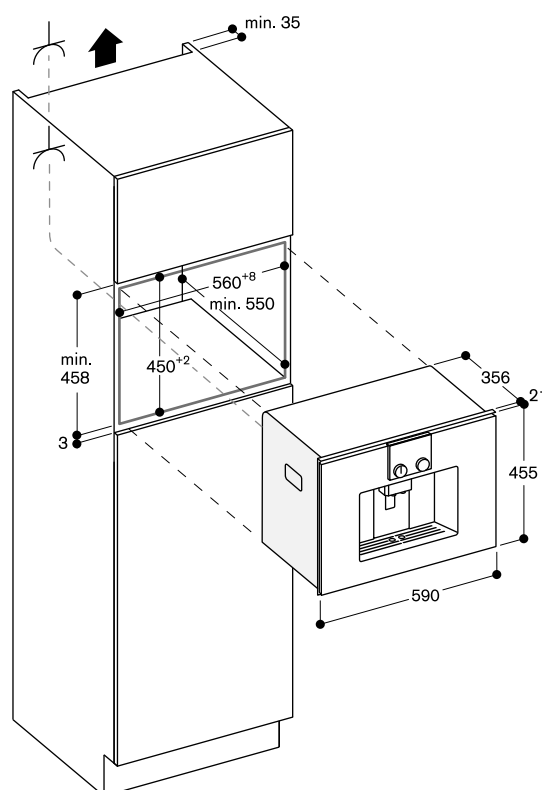
with lid

Please read the installation details regarding oven combinations on page 8–9.

#### Connection

Total connected load 1.6 kW.

Connection cable 1.7 m with plug.





**WSP 222 100**

Glass front in Gaggenau Anthracite  
Width 60 cm, Height 29 cm

**WSP 222 110**

Glass front in Gaggenau Metallic  
Width 60 cm, Height 29 cm

**Warming drawer 200 series**

**WSP 222**

- Flush installation
- Handleless drawer
- Push-to-open system
- Hygienic stainless steel interior with glass bottom
- 4 power levels in the temperature range 40 °C to 80 °C (glass surface)
- Also for preparing and cooking meals, and for keeping meals warm

**Heating methods**

Defrosting of meals/proving of yeast dough.  
Preheating of small beverage containers.  
Keeping meals warm/slow cooking meals.  
Warming ovenware.

**Handling**

Rotary knob operation.

**Features**

Net volume 52 litres.  
Volume capacity: Dinner service for 12 people including ø 24 cm plates and soup bowls, additional bowls and a serving dish depending on size.  
Heating under glass bottom for easy cleaning.  
Fan for even heat distribution for fast warming ovenware.  
Status display, visible in the glass front.  
Glass bottom made of safety glass.  
Usable interior dimensions W 468 x H 242 x D 458 mm.  
Max. load 25 kg.

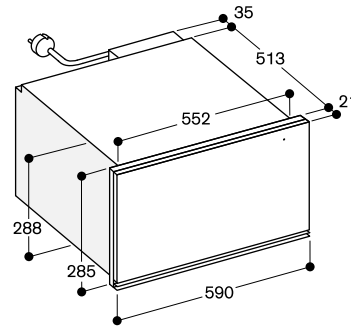
**Planning notes**

Necessary lateral gap between appliance front and furniture panel of min. 5 mm.  
The door panel surface of the appliance extends 21 mm from the furniture cavity.  
The socket can be planned behind the appliance.

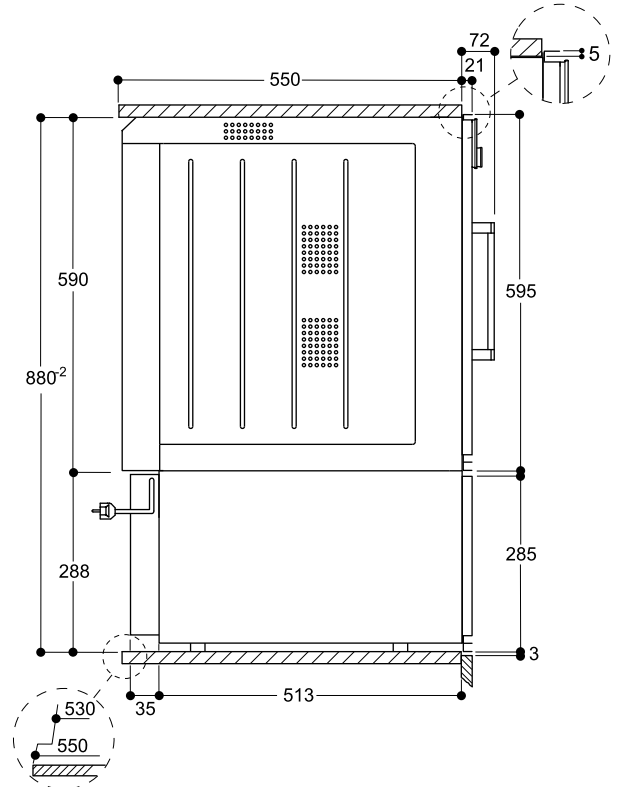
Please read the installation details regarding oven combinations on page 8–9.

**Connection**

Total connected load 0.81 kW.  
Connection cable 1.5 m, with plug.



**WSP 222 below BOP**



**WSP 221 100**

Glass front in Gaggenau Anthracite  
Width 60 cm, Height 14 cm

**WSP 221 110**

Glass front in Gaggenau Metallic  
Width 60 cm, Height 14 cm

**Warming drawer 200 series****WSP 221**

- Flush installation
- Handleless drawer
- Push-to-open system
- Hygienic stainless steel interior with glass bottom
- 4 power levels in the temperature range 40 °C to 80 °C (glass surface)
- Also for preparing and cooking meals, and for keeping meals warm

**Heating methods**

Defrosting of meals/proving of yeast dough.  
Preheating of small beverage containers.  
Keeping meals warm/slow cooking meals.  
Warming ovenware.

**Handling**

Rotary knob operation.

**Features**

Net volume 20 litres.  
Volume capacity: Dinner service for 6 people including ø 24 cm plates and soup bowls, additional bowls and a serving dish depending on size.  
Heating under glass bottom for easy cleaning.  
Fan for even heat distribution for fast warming ovenware.  
Status display, visible in the glass front.  
Glass bottom made of safety glass.  
Usable interior dimensions  
W 468 x H 92 x D 458 mm.  
Max. load 25 kg.

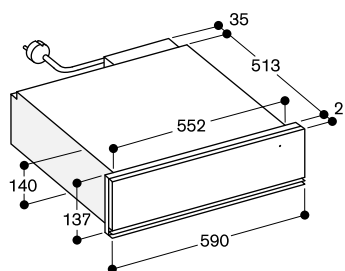
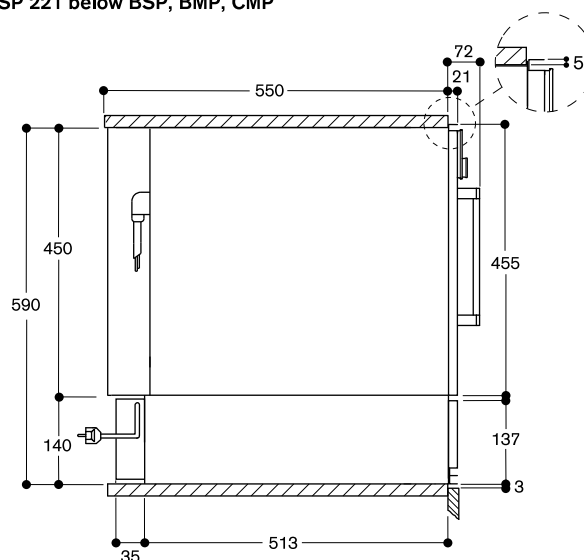
**Planning notes**

Necessary lateral gap between appliance front and furniture panel of min. 5 mm.  
The door panel surface of the appliance extends 21 mm from the furniture cavity.  
Installation of BSP/BMP/CMP directly above WSP in 59 cm niche without intermediate floor.  
The socket can be planned behind the appliance.

Please read the installation details regarding oven combinations on page 8–9.

**Connection**

Total connected load 0.81 kW.  
Connection cable 1.5 m with plug.

**WSP 221 below BSP, BMP, CMP**



#### DVP 221 100

Glass front in Gaggenau Anthracite  
Width 60 cm, Height 14 cm

#### DVP 221 110

Glass front in Gaggenau Metallic  
Width 60 cm, Height 14 cm

#### Included in the price

- 1 Vacuuming bag, small (50 pcs.)
- 1 Vacuuming bag, large (50 pcs.)
- 1 Raised vacuuming platform
- 1 Adaptor for vacuuming outside the chamber
- 1 Vacuuming hose
- 1 Adaptor for bottle plugs
- 3 Plugs for vacuuming of bottles

#### Special accessories

##### BA 080 670

Vacuuming bags, small  
180 x 280 mm, 100 pcs.

##### BA 080 680

Vacuuming bags, large  
240 x 350 mm, 100 pcs.

#### Vacuuming drawer 200 series

##### DVP 221

- Flush installation
- Handleless drawer
- Push-to-open system
- Hygienic stainless steel vacuuming chamber, applicable height up to 80 mm
- Three vacuuming levels for vacuuming in the chamber, max. 99%
- Three vacuuming levels for vacuuming outside the chamber, max. 90%
- Automatic connection recognition for vacuuming outside the chamber

#### Application

Vacuuming for sous-vide cooking.  
Vacuuming for fast marinating and flavouring.  
Vacuuming for extended storage.  
Vacuuming of vacuuming containers outside the chamber.  
Vacuuming of liquids in bottles outside the chamber.

#### Handling

Touch key operation.

#### Features

Net volume 7 litres.  
Capacity load max. 10 kg.  
Maximum size of vacuuming bags  
W 240 mm x L 350 mm.  
3 heat-sealing levels for different strengths of bag material.  
Sealing bar, non-stick coating, removable.  
Safety glass cover, opens automatically after vacuuming.  
Raised vacuuming platform, 44 mm, deployable.  
Utility space in vacuuming chamber, W 210 mm x L 275 mm.  
Membrane for avoiding reflux of liquids during vacuuming outside the chamber.  
Drying program for vacuuming pump.  
Warning function.

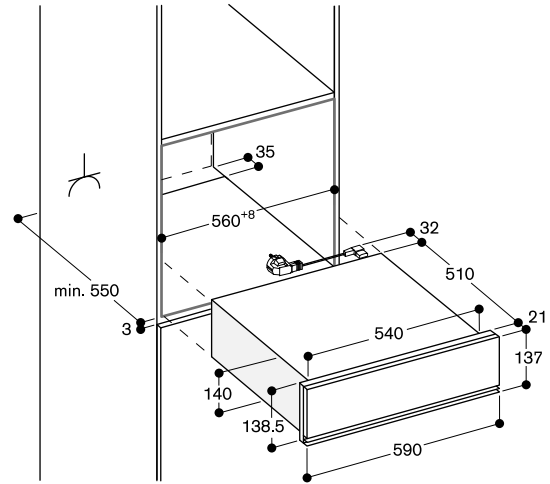
#### Planning notes

Necessary lateral gap between appliance front and furniture panel of min. 5 mm.  
The panel surface of the appliance extends 21 mm from the furniture cavity.  
Installation of BS/BM/CM directly above DV in 59 cm niche without intermediate floor.  
Built-in under worktop or in single niche.  
The socket can be planned behind the appliance.

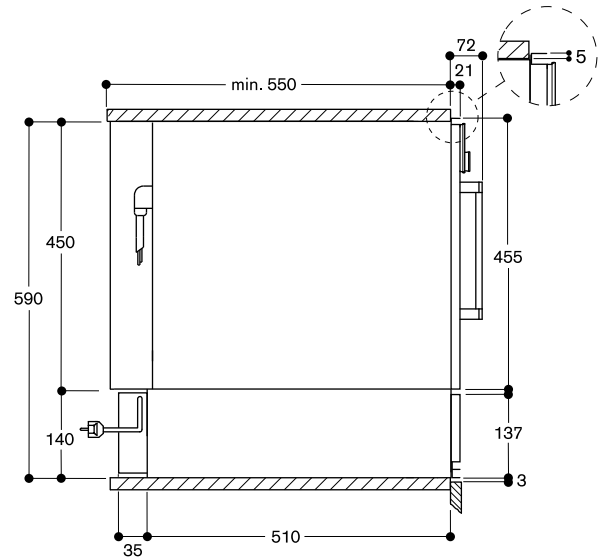
Please read the installation details regarding oven combinations on page 8–9.

#### Connection

Total connected load 0.32 kW.  
Connecting cable 1.5 m with plug.



Side view of DVP 221 below BSP, BMP, CMP



## Accessories and special accessories 200 series

**BA 010 301**

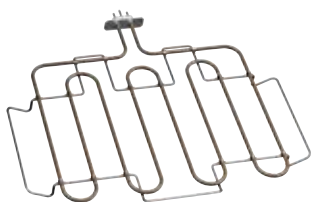
Triple telescopic pull-out rack  
For combi-steam oven.

**BA 016 105**

Pull-out system  
Fully extendable telescopic rails  
and enamelled cast iron frame.

**BA 056 115**

Heating element for baking stone  
and Gastronorm roaster.

**BA 056 133**

Baking stone  
Incl. baking stone support and pizza  
paddle (heating element must be  
ordered separately).  
Not in combination with pull-out  
system.

**BA 020 380**

Cooking container, non-stick,  
unperforated, 40 mm deep, 5l.

**BA 020 390**

Cooking container, non-stick,  
perforated, 40 mm deep, 5l.

**GN 340 230**

Gastronorm roaster in cast aluminium  
GN 2/3, height 165 mm, non-stick  
For roasting in oven with roasting  
function.

Lower and upper part can also be  
used separately, height 100 and  
65 mm.

For ovens with pull-out system  
BA 016 or BA 018 (order heating  
element separately) and Combi-steam  
ovens. Includes wire rack for use with  
pull-out system BA 018 / 016

**Advice:**

Not every illustrated accessory fits to every oven.





## The Vario cooktops

Vario cooktops 400 series	50
Vario downdraft ventilation 400 series	66
Table ventilation 400 series	70
Cut-out dimensions for appliance combinations in the 400 series	72
Installation with appliance cover and filler strip in the 400 series	77
Vario cooktops 200 series	78
Vario downdraft ventilation 200 series	85
Cut-out dimensions for appliance combinations in the 200 series	86
Accessories   special accessories	88



#### CX 482 110

Stainless steel frame  
Width 80 cm

#### Included in the price

1 Cooking sensor for temperature regulation

#### Installation accessories

##### VA 420 000

Connection strip for combination with other Vario appliances of the 400 series for flush mounting

##### VA 420 001

Connection strip for combination with other Vario appliances of the 400 series for flush mounting with appliance cover/filler strip

##### VA 420 010

Connection strip for combination with other Vario appliances of the 400 series for surface mounting

##### VA 420 011

Connection strip for combination with other Vario appliances of the 400 series for surface mounting with appliance cover/filler strip

##### VA 450 800

Stainless steel filler strip 80 cm  
Necessary accessory for combination of several Vario appliances of the 400 series with at least one appliance cover to compensate the appliance depth.

#### Special accessories

##### CA 060 300

Cooking sensor for temperature regulation within pots  
For flex induction cooktop.

##### GN 232 110

T Teppan Yaki plate made of multi ply material,  
GN 1/1  
For full surface induction cooktops.

#### Full surface induction cooktop 400 series

##### CX 482

- Can be combined perfectly with other Vario appliances of the 400 series
- One single large cooking surface
- Free positioning of cookware
- All sizes and formats of cookware can be used
- TFT touch display for an intuitive control of all functions
- Cooking sensor function for temperature control in pots
- Professional cooking functions
- Max. power output for big cookware of up to 5.5 kW
- Precision crafted 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting

#### Cooking zones

Up to 5 items of cookware can be placed simultaneously on the cooktop. One unique cooking surface of 2750 cm<sup>2</sup>.

#### Handling

Easy to use colour graphic TFT touch display with use indications.  
Electronic power control in 17 output levels.

#### Features

Cooking sensor function.  
Professional cooking function.  
Dynamic cooking function.  
Teppan Yaki function.  
Booster function for pots.  
Booster function for pans.  
Keep warm function.  
Individual pot detection.  
Cooking timer for each cooking position.  
Stopwatch.  
Short-term timer.  
Information key with use indicators.  
Power management.  
Includes cooking sensor CA060300 for temperature regulation.

#### Safety

Main switch.  
3-stage residual heat indicator.  
Child lock.  
Safety shut-off.  
Pause function.

#### Planning notes

Depending on the type of installation (surface-mounted or flush-mounted), the specific definition of the cut-out must be observed.

Appliance can be snapped into the worktop from above.

If combining several appliances with at least one appliance cover, the filler strip VA 450 is required to compensate for the depth of the appliance without the appliance cover.

If combining several Vario appliances of the 400 series, a connection strip VA 420 must be placed between the appliances. Depending on the type of installation, the corresponding connection strip must be provided. In the cut-out, the installation system requires the side edge to be at least 10 mm for surface mounting and at least 13 mm for flush mounting. Ensure a continuous cut surface of 90°.

The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable substructures. Take into account the appliance weight and additional loads. Additional instructions for flush mounting:

Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer. The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining. The joint width may vary due to size tolerances of the combinations and of the worktop cut-out.

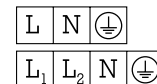
Please read additional planning notes on page 72–77.

If installing several appliances in individual cut-outs allow for a division bar of minimum 50 mm between the individual cut-outs. Operates with magnetic (induction) iron pots and pans only. For an optimal heat distribution, the use of sandwich bottom cookware is recommended. The wok pan WP 400 001 cannot be used with this appliance. Appliance weight: approx. 27 kg.

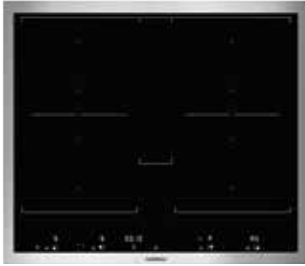
Please read the installation details regarding air ducting on page 100.

#### Connection

Total connected load 7.4 kW.  
Power consumption stand by (display off) 0.5 W  
Connecting cable 1.5 m without plug.







#### VI 462 111

Stainless steel frame  
Width 60 cm

#### Installation accessories

##### VA 420 000

Connection strip for combination with other Vario appliances of the 400 series for flush mounting

##### VA 420 001

Connection strip for combination with other Vario appliances of the 400 series for flush mounting with appliance cover/filler strip

##### VA 420 010

Connection strip for combination with other Vario appliances of the 400 series for surface mounting

##### VA 420 011

Connection strip for combination with other Vario appliances of the 400 series for surface mounting with appliance cover/filler strip

##### VA 450 600

Stainless steel filler strip 60 cm  
Necessary accessory for combination of several Vario appliances of the 400 series with at least one appliance cover to compensate the appliance depth.

#### Special accessories

##### GP 900 003

Stainless steel frying sensor pan

##### GP 900 004

Stainless steel frying sensor pan

#### Vario flex induction cooktop 400 series VI 462

- Can be combined perfectly with other Vario appliances of the 400 series
- Flex function for combining the rectangular cooking areas
- Free positioning of cookware inside combined cooking areas with automatic extension up to 30 cm width
- Frying sensor function for temperature control in pans
- Easy control of all functions with bi-coloured display
- Precision crafting of 3 mm stainless steel
- Solid stainless steel control knob
- For surface mounting with a visible edge or for flush mounting

#### Cooking zones

2 x flex induction cooking areas with each 19x23 cm (2200 W, with booster 3700 W), linked together 38x23 cm (3300 W, with booster 3700 W), with automatic extension up to 30x30 cm (3300 W, with booster 3700 W).

#### Handling

4 flexible installation control knobs (1.4 m connecting cable)  
Control knobs with illuminated ring, cooking zone and output level markings.  
Electronic power control in 12 output levels.  
User friendly control with bi-coloured display (white / orange).

#### Features

Flex function for rectangular cooking areas.  
Frying sensor function.  
Booster function.  
Keep warm.  
Pot detection.  
Stopwatch.  
Cooking timer (99min).  
Short-term timer.  
Options menu.  
Power management.

#### Safety

2-stage residual heat indicator.  
Safety shut-off.

#### Planning notes

Depending on the type of installation (surface-mounted or flush-mounted, with or without an appliance cover), the specific location of the cut-out and the knob positions may vary.  
Appliance can be snapped into the worktop from above.  
The horizontal positioning of the knobs may be aligned with the specific cooking areas.  
The drawing "Installation of the control knob" must be observed if the panel is more than 23 mm thick (there must be a recess at the rear).  
If installing with the filler strip VA 450 take into account the additional space required for the depth.  
If combining several appliances with at least one appliance cover, the filler strip VA 450 is required to compensate for the depth of the appliance without the appliance cover.

If combining several Vario appliances of the 400 series, a connection strip VA 420 must be placed between the appliances. Depending on the type of installation, the corresponding connection strip must be provided.  
In the cut-out, the installation system requires the side edge to be at least 10 mm for surface mounting and at least 13 mm for flush mounting. Ensure a continuous cut surface of 90°.  
The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable substructures. Take into account the appliance weight and additional loads. Additional instructions for flush mounting:

Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer.

The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining.  
The joint width may vary due to size tolerances of the combinations and of the worktop cut-out.

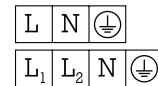
Please read additional planning notes on page 72–77.

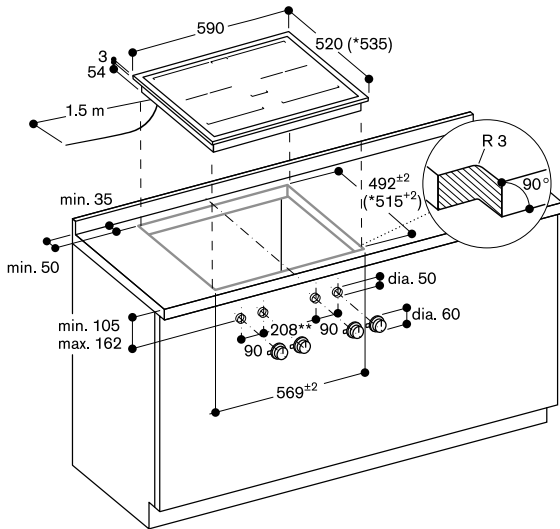
If installing several appliances in individual cut-outs allow for a division bar of minimum 50 mm between the individual cut-outs.  
Operates with magnetic (induction) iron pots and pans only. For an optimal heat distribution, the use of sandwich bottom cookware is recommended.  
The wok pan WP 400 001 cannot be used with this appliance.  
Appliance weight: approx. 18 kg.

Please read the installation details regarding air ducting on page 100.

#### Connection

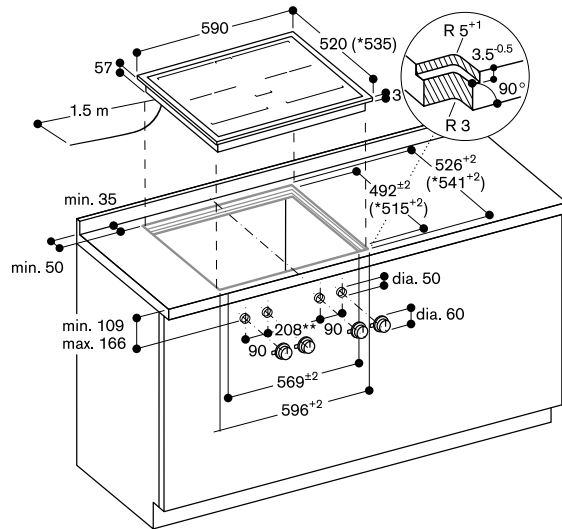
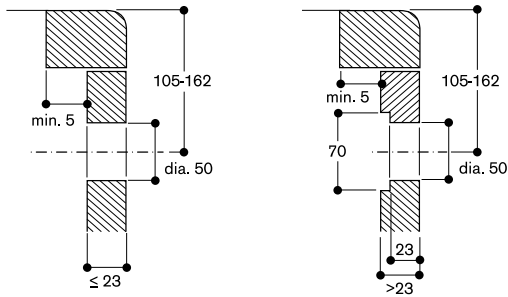
Total connected load 7.4 kW.  
Connecting cable 1.5 m without plug.





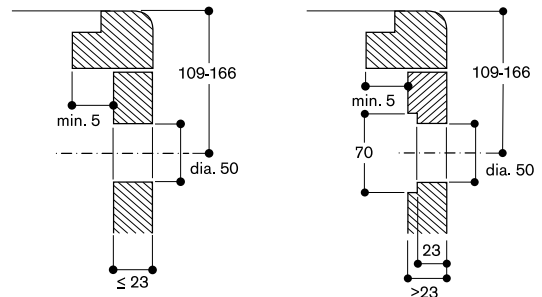
\* with filler strip.  
See separate planning notes.  
\*\* max. 300

**Installation of the control knob; surface mounting**

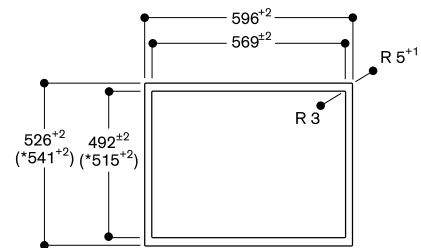


\* with filler strip.  
See separate planning notes.  
\*\* max. 300

**Installation of the control knob; flush installation**

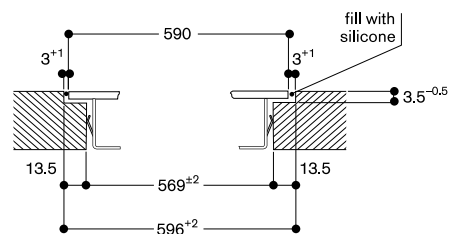


**View from above**

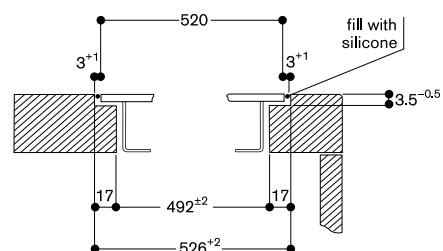


\* with filler strip

**Longitudinal section**



**Cross-section**



When installing with appliance cover or filler strip, pay attention to the deeper cut-out and the front and rear groove width.



#### VI 414 111

Stainless steel frame  
Width 38 cm

#### Installation accessories

##### VA 420 000

Connection strip for combination with other Vario appliances of the 400 series for flush mounting

##### VA 420 001

Connection strip for combination with other Vario appliances of the 400 series for flush mounting with appliance cover/filler strip

##### VA 420 010

Connection strip for combination with other Vario appliances of the 400 series for surface mounting

##### VA 420 011

Connection strip for combination with other Vario appliances of the 400 series for surface mounting with appliance cover/filler strip

##### VA 450 401

Stainless steel filler strip 38 cm  
Necessary accessory for combination of several Vario appliances of the 400 series with at least one appliance cover to compensate the appliance depth.

#### Special accessories

##### GP 900 004

Stainless steel frying sensor pan

##### WP 400 001

Wok pan made of multiple-layer material

##### WZ 400 001

Wok attachment for wok pan  
Only for Vario induction wok.

#### Vario induction wok 400 series

##### VI 414

- Can be combined perfectly with other Vario appliances of the 400 series
- Ideal for the original wok pan with round bottom, with wok ring
- 32 cm cooking zone with booster function
- Frying sensor function for temperature control in pans
- Easy control of all functions with bicoloured display
- Solid stainless steel control knob
- Precision crafting of 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting

#### Cooking zones

1 induction cooking zone  $\varnothing$  21 cm (2200 W, with booster 3700 W), automatically switches to  $\varnothing$  26 cm (2600 W, with booster 3700 W) and to  $\varnothing$  32 cm (3300 W, with booster 3700 W).

#### Handling

1 flexible installation control knob (1.4 m connecting cable)  
Control knob with illuminated ring, cooking zone and output level markings.  
Electronic power control in 12 output levels.  
User friendly control with bicoloured display (white / orange).

#### Features

Frying sensor function.  
Booster function.  
Stopwatch.  
Short-term timer.  
Options menu.

#### Safety

Residual heat indication.  
Safety shut-off.

#### Planning notes

Depending on the type of installation (surface-mounted or flush-mounted, with or without an appliance cover), the specific location of the cut-out and the knob positions may vary.  
The drawing "Installation of the control knob" must be observed if the panel is more than 23 mm thick (there must be a recess at the rear).  
If installing with the filler strip VA 450 take into account the additional space required for the depth.  
If combining several appliances with at least one appliance cover, the filler strip VA 450 is required to compensate for the depth of the appliance without the appliance cover.  
If combining several Vario appliances of the 400 series, a connection strip VA 420 must be placed between the appliances. Depending on the type of installation, the corresponding connection strip must be provided. In the cut-out, the installation system requires the side edge to be at least 10 mm for surface mounting and at least 13 mm for flush mounting. Ensure a continuous cut surface of 90°.

The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable substructures. Take into account the appliance weight and additional loads. Additional instructions for flush mounting:

Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer.

The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining. The joint width may vary due to size tolerances of the combinations and of the worktop cut-out.

Please read additional planning notes on page 72-77.

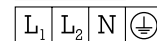
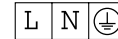
If installing several appliances in individual cut-outs allow for a division bar of minimum 50 mm between the individual cut-outs.

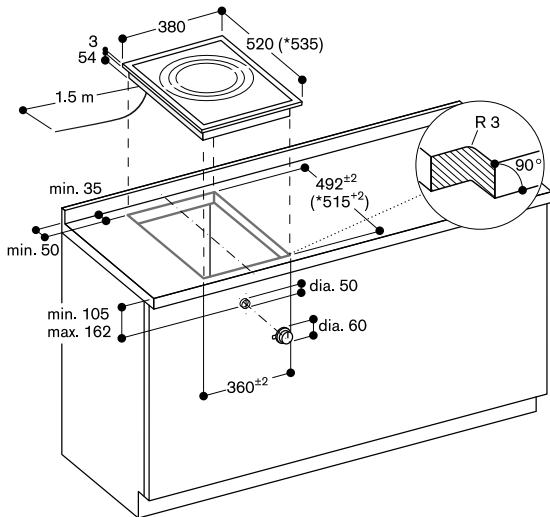
Operates with magnetic (induction) iron pots and pans only. For an optimal heat distribution, the use of sandwich bottom cookware is recommended. Appliance can be snapped into the worktop from above.  
Appliance weight: approx. 10 kg.

Please read the installation details regarding air ducting on page 100.

#### Connection

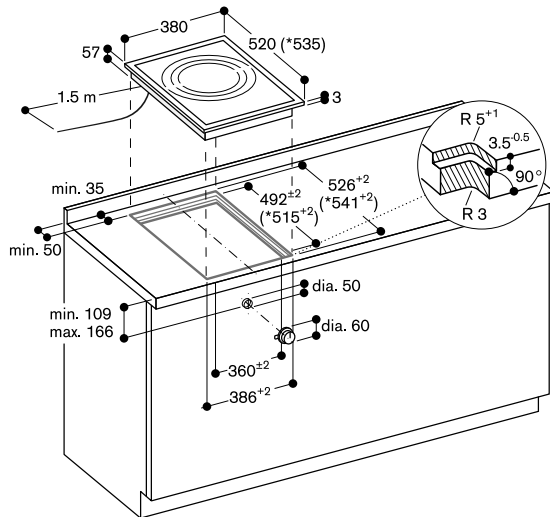
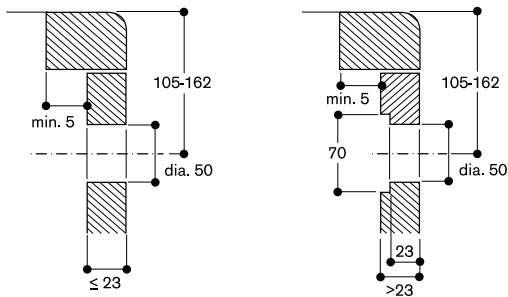
Total connected load 3.7 kW.  
Connecting cable 1.5 m without plug.





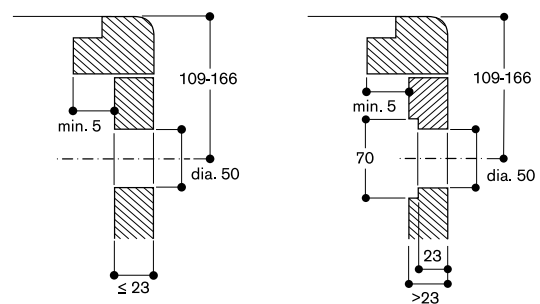
\* with appliance cover or filler strip.  
See separate planning notes.

**Installation of the control knob; surface mounting**

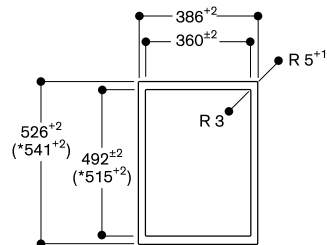


\* with appliance cover or filler strip.  
See separate planning notes.

**Installation of the control knob; flush installation**

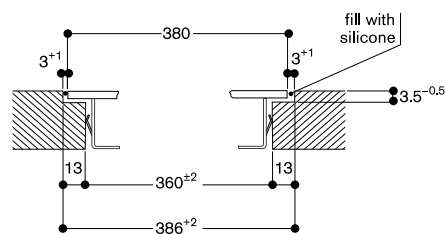


**View from above**

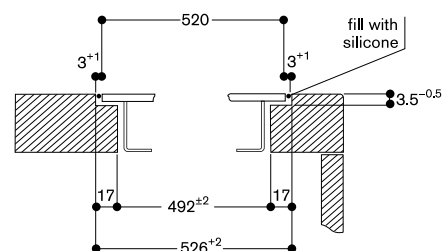


\* with appliance cover or filler strip  
(observe the front and rear asymmetrical support,  
see separate notes "Installation with appliance  
cover/filler strip").

**Longitudinal section**



**Cross-section**



When installing with appliance cover or filler strip, pay attention  
to the deeper cut-out and the front and rear groove width.



#### VI 422 111

Stainless steel frame  
Width 38 cm

#### Installation accessories

##### VA 420 000

Connection strip for combination with other Vario appliances of the 400 series for flush mounting

##### VA 420 001

Connection strip for combination with other Vario appliances of the 400 series for flush mounting with appliance cover/filler strip

##### VA 420 010

Connection strip for combination with other Vario appliances of the 400 series for surface mounting

##### VA 420 011

Connection strip for combination with other Vario appliances of the 400 series for surface mounting with appliance cover/filler strip

##### VA 450 401

Stainless steel filler strip 38 cm  
Necessary accessory for combination of several Vario appliances of the 400 series with at least one appliance cover to compensate the appliance depth.

#### Special accessories

##### GP 900 003

Stainless steel frying sensor pan

#### Vario flex induction cooktop 400 series

##### VI 422

- Can be combined perfectly with other Vario appliances of the 400 series
- Flex function for combining the rectangular cooking areas
- Free positioning of cookware inside combined cooking areas
- Frying sensor function for temperature control in pans
- Easy control of all functions with bicoloured display
- Solid stainless steel control knob
- Precision crafting of 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting

#### Cooking zones

2 flex induction cooking areas  
19x24 cm (2200 W, with booster 3700 W), linked together 38x24 cm (3300 W, with booster 3700 W).

#### Handling

2 flexible installation control knobs (1m connecting cable)  
Control knobs with illuminated ring, cooking zone and output level markings.  
Electronic power control in 12 output levels.  
User friendly control with bicoloured display (white / orange).

#### Features

Flex function for rectangular cooking areas.  
Frying sensor function.  
Booster function.  
Stopwatch.  
Short-term timer.  
Options menu.

#### Safety

Individual residual heat indicators.  
Safety shut-off.

#### Planning notes

Depending on the type of installation (surface-mounted or flush-mounted, with or without an appliance cover), the specific location of the cut-out and the knob positions may vary.  
Appliance can be snapped into the worktop from above.  
The drawing "Installation of the control knob" must be observed if the panel is more than 23 mm thick (there must be a recess at the rear).  
The horizontal positioning of the knobs may be aligned with the specific cooking areas.  
If installing with the filler strip VA 450 take into account the additional space required for the depth.  
If combining several appliances with at least one appliance cover, the filler strip VA 450 is required to compensate for the depth of the appliance without the appliance cover.  
If combining several Vario appliances of the 400 series, a connection strip VA 420 must be placed between the appliances. Depending on the type of installation, the corresponding connection strip must be provided.

In the cut-out, the installation system requires the side edge to be at least 10 mm for surface mounting and at least 13 mm for flush mounting. Ensure a continuous cut surface of 90°. The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable substructures. Take into account the appliance weight and additional loads. Additional instructions for flush mounting:

Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer.

The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining. The joint width may vary due to size tolerances of the combinations and of the worktop cut-out.

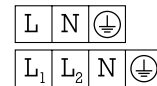
Please read additional planning notes on page 72–77.

If installing several appliances in individual cut-outs allow for a division bar of minimum 50 mm between the individual cut-outs.  
Operates with magnetic (induction) iron pots and pans only. For an optimal heat distribution, the use of sandwich bottom cookware is recommended.  
Appliance weight: approx. 10 kg.

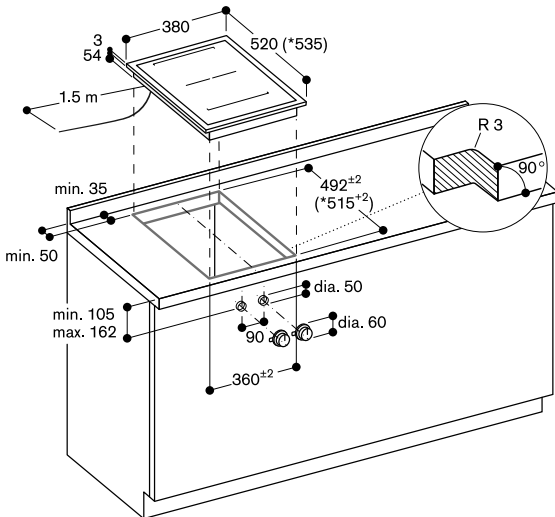
Please read the installation details regarding air ducting on page 100.

#### Connection

Total connected load 3.7 kW.  
Connecting cable 1.5 m without plug.

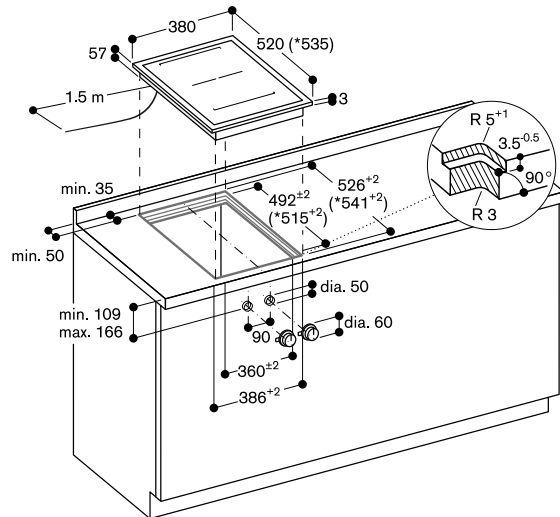
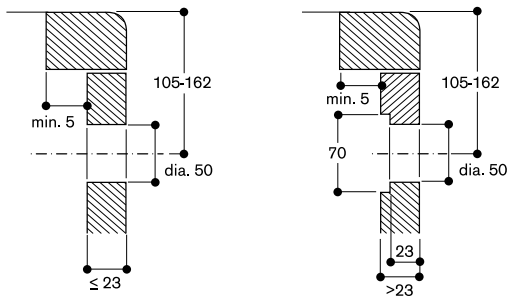






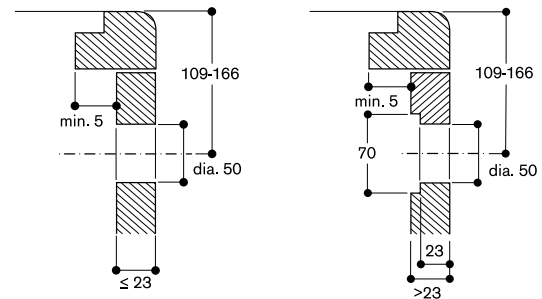
\* with appliance cover or filler strip.  
See separate planning notes.

**Installation of the control knob; surface mounting**

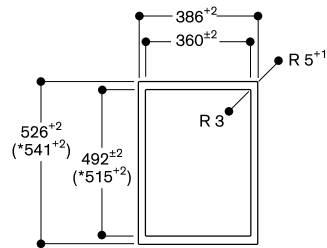


\* with appliance cover or filler strip  
See separate planning notes.

**Installation of the control knob; flush installation**

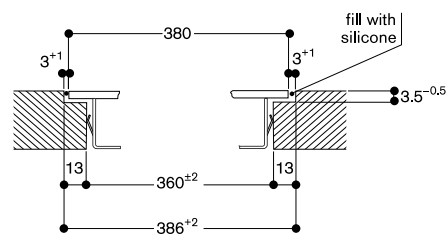


**View from above**

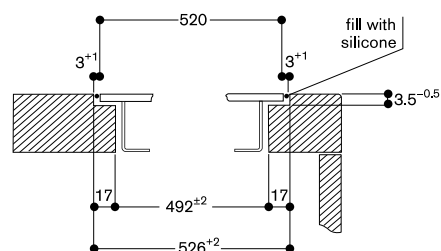


\* with appliance cover or filler strip  
(observe the front and rear asymmetrical support,  
see separate notes "Installation with appliance  
cover/filler strip").

**Longitudinal section**



**Cross-section**



When installing with appliance cover or filler strip, pay attention  
to the deeper cut-out and the front and rear groove width.



#### VG 415 211 AU

Stainless steel  
Width 38 cm  
Wok burner with 6 kW

#### Installation accessories

##### VA 420 010

Connection strip for combination with other Vario appliances of the 400 series for surface mounting

##### VA 420 011

Connection strip for combination with other Vario appliances of the 400 series for surface mounting with appliance cover/filler strip

##### VA 420 000

Connection strip for combination with other Vario appliances of the 400 series for flush mounting

##### VA 420 001

Connection strip for combination with other Vario appliances of the 400 series for flush mounting with appliance cover/filler strip

##### VA 440 010

Stainless steel appliance cover with mounting strip

##### VA 450 400

Stainless steel filler strip 38 cm  
Necessary accessory for combination of several Vario appliances of the 400 series with at least one appliance cover to compensate the appliance depth.

#### Special accessories

##### WP 400 001

Wok pan made of multiple-layer material  
With round bottom and handle, ø 36 cm, 6 litres, height 10 cm.

#### Vario gas wok 400 series

##### VG 415

- Can be combined perfectly with other Vario appliances of the 400 series
- Full electronic power level regulation on 12 levels
- Precise and reproducible flame size
- Automatic fast ignition, electronic flame monitoring with automatic reignition
- Simmer function for cooking on a very low output level
- Solid stainless steel control knob
- Precision crafting of 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting

#### Cooking zones

1 multi-ring wok burner  
18 MJ/h, suitable for pots up to max. ø 32 cm.

#### Handling

1 flexible installation control knob (1m connecting cable)  
Control knob with illuminated ring, cooking zone and output level markings.  
One-handed operation.  
Full electronic control in 12 output levels for exact power level regulation plus simmer function.  
Automatic fast ignition.

#### Features

Simmer function.  
Cast iron pan support with flat, continuous pot surface.  
Brass burner ring.

#### Safety

Electronic flame monitoring with automatic re-ignition.  
Residual heat indication.  
Safety shut-off.

#### Planning notes

Depending on the type of installation (surface-mounted or flush-mounted, with or without an appliance cover), the specific location of the cut-out and the knob positions may vary.

Appliance can be snapped into the worktop from above.

The drawing "Installation of the control knob" must be observed if the panel is more than 23 mm thick (there must be a recess at the rear).

If installing with the appliance cover VA 440 or filler strip VA 450 take into account the additional space required for the depth.

If combining several appliances with at least one appliance cover, the filler strip VA 450 is required to compensate for the depth of the appliance without the appliance cover.

If combining several Vario appliances of the 400 series, a connection strip VA 420 must be placed between the appliances.

Depending on the type of installation, the corresponding connection strip must be provided.

In the cut-out, the installation system requires the side edge to be at least 10 mm for surface mounting and at

least 13 mm for flush mounting. Ensure a continuous cut surface of 90°.

The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable substructures. Take into account the appliance weight and additional loads. Additional instructions for flush mounting:

Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer.

The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining. The joint width may vary due to size tolerances of the combinations and of the worktop cut-out.

Please read additional planning notes on page 72–77.

If installing several appliances in individual cut-outs allow for a division bar of minimum 50 mm between the individual cut-outs.

Plan for an electrical connection (the appliance is not operable without power supply).

Air intake from above.

No intermediate shelf required.  
Rear panel and wall trims must be heat-resistant and consist of a non-flammable material.

A minimum clearance of at least 150 mm from adjacent heat-sensitive furniture or contact surfaces must be observed or thermal insulation fitted.

If operated next to the downdraft ventilation VL 414, the air baffle AA 414 is recommended to ensure maximum performance of the cooktop.

With a total connected load of more than 39.6 MJ/h local regulations concerning room ventilation, room size and combination of extraction or recirculation hoods must be observed. Minimum clearance between gas cooktop(s) with more than 39.6 MJ/h (11 kW) and ventilation hood is 70 cm. For details on this appliance, please refer to installation manual.

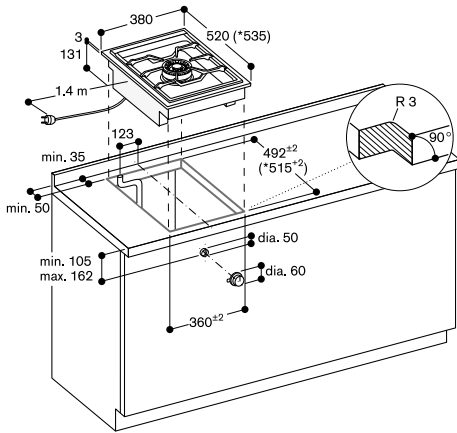
Appliance weight: approx. 15 kg.

#### Connection

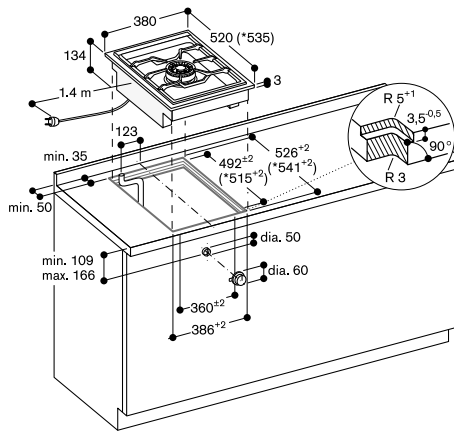
Suitable for natural gas and LPG connection, includes LPG conversion kit

Total connected load gas 18.0 MJ/h.  
Total connected load electric 15 W.

Connecting cable 1.4 m with plug.

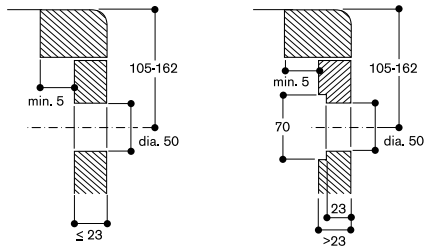


\* with appliance cover or filler strip  
See separate planning notes.

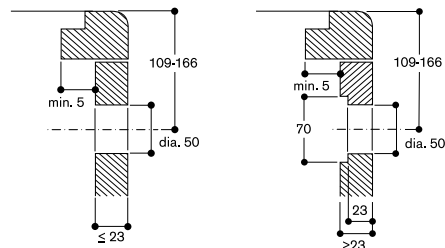


\* with appliance cover or filler strip  
See separate planning notes.

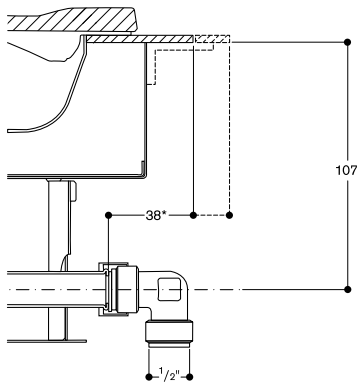
**Installation of the control knob; surface mounting**



**Installation of the control knob; flush installation**

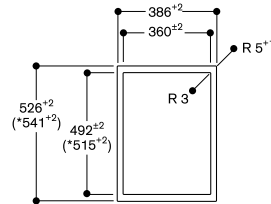


**Gas connection**



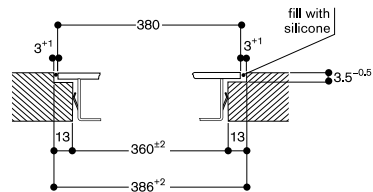
\* 53 mm with appliance cover or filler strip.

**View from above**

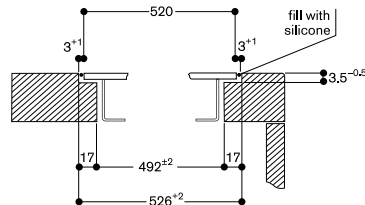


\* with appliance cover or filler strip  
(observe the front and rear asymmetrical support, see separate notes "Installation with appliance cover/filler strip").

**Longitudinal section**

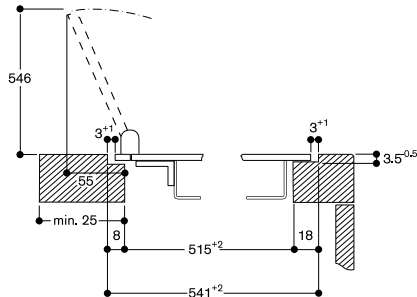


**Cross-section**

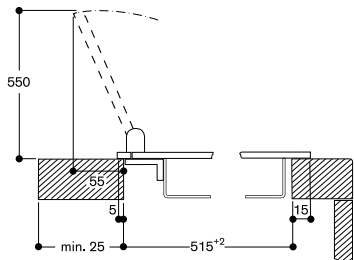


When installing with appliance cover or filler strip, pay attention to the deeper cut-out and the front and rear groove width.

**Installation with appliance cover/spacer batten; installation flush with surrounding surfaces**



**Installation with appliance cover/spacer batten; installation standing proud of surrounding surfaces**





#### VG 425 211 AU

Stainless steel  
Width 38 cm  
4 kW in 2 burners

#### Installation accessories

##### VA 420 010

Connection strip for combination with other Vario appliances of the 400 series for surface mounting

##### VA 420 011

Connection strip for combination with other Vario appliances of the 400 series for surface mounting with appliance cover/filler strip

##### VA 420 000

Connection strip for combination with other Vario appliances of the 400 series for flush mounting

##### VA 420 001

Connection strip for combination with other Vario appliances of the 400 series for flush mounting with appliance cover/filler strip

##### VA 440 010

Stainless steel appliance cover with mounting strip

##### VA 450 400

Stainless steel filler strip 38 cm  
Necessary accessory for combination of several Vario appliances of the 400 series with at least one appliance cover to compensate the appliance depth.

#### Vario gas cooktop 400 series

##### VG 425

- Can be combined perfectly with other Vario appliances of the 400 series
- Full electronic power level regulation on 12 levels
- Precise and reproducible flame size
- Automatic fast ignition, electronic flame monitoring with automatic reignition
- Simmer function for cooking on a very low output level
- Solid stainless steel control knob
- Precision crafting of 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting

#### Cooking zones

1 two-ring high output burner  
14.0 MJ/h, suitable for pots up to max. ø 28 cm.

1 two-ring standard output burner  
6.5 MJ/h, suitable for pots up to max. ø 24 cm.

#### Handling

2 flexible installation control knobs (1m connecting cable)  
Control knobs with illuminated ring, cooking zone and output level markings.

One-handed operation.  
Full electronic control in 12 output levels for exact power level regulation plus simmer function.  
Automatic fast ignition.

#### Features

Simmer function.  
Cast iron pan support with flat, continuous pot surface.  
Brass burner rings.

#### Safety

Electronic flame monitoring with automatic re-ignition.  
Residual heat indication.  
Safety shut-off.

#### Planning notes

Depending on the type of installation (surface-mounted or flush-mounted, with or without an appliance cover), the specific location of the cut-out and the knob positions may vary.

Appliance can be snapped into the worktop from above.

The drawing "Installation of the control knob" must be observed if the panel is more than 23 mm thick (there must be a recess at the rear).

If installing with the appliance cover VA 440 or filler strip VA 450 take into account the additional space required for the depth.

If combining several appliances with at least one appliance cover, the filler strip VA 450 is required to compensate for the depth of the appliance without the appliance cover.

If combining several Vario appliances of the 400 series, a connection strip VA 420 must be placed between the appliances.

Depending on the type of installation, the corresponding connection strip must be provided.

In the cut-out, the installation system requires the side edge to be at least 10 mm for surface mounting and at least 13 mm for flush mounting. Ensure a continuous cut surface of 90°.

The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable substructures. Take into account the appliance weight and additional loads. Additional instructions for flush mounting:

Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer.

The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining. The joint width may vary due to size tolerances of the combinations and of the worktop cut-out.

Please read additional planning notes on page 72–77.

If installing several appliances in individual cut-outs allow for a division bar of minimum 50 mm between the individual cut-outs.

Plan for an electrical connection (the appliance is not operable without power supply).

Air intake from above.

No intermediate shelf required.  
Rear panel and wall trims must be heat-resistant and consist of a non-flammable material.

A minimum clearance of at least 150 mm from adjacent heat-sensitive furniture or contact surfaces must be observed or thermal insulation fitted.

If operated next to the downdraft ventilation VL 414, the air baffle AA 414 is recommended to ensure maximum performance of the cooktop.

With a total connected load of more than 39.6 MJ/h local regulations concerning room ventilation, room size and combination of extraction or recirculation hoods must be observed.

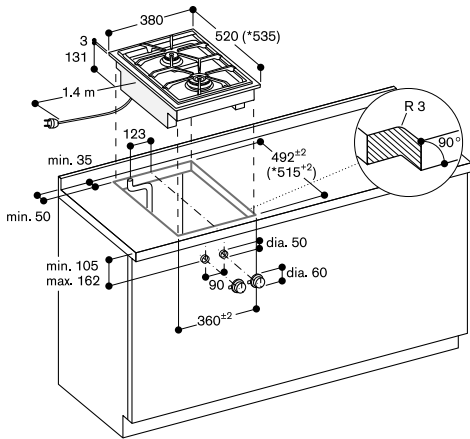
Minimum clearance between gas cooktop(s) with more than 39.6 MJ/h (11 kW) and ventilation hood is 70 cm. For details on this appliance, please refer to installation manual.

Appliance weight: approx. 13 kg.

#### Connection

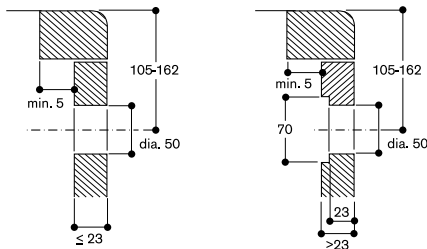
Suitable for natural gas and LPG connection, includes LPG conversion kit.

Total connected load gas 20.5 MJ/h.  
Total connected load electric 15.0 W.  
Connecting cable 1.4 m with plug.

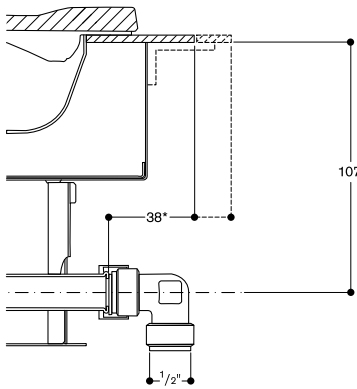


\* with appliance cover or filler strip  
See separate planning notes.

**Installation of the control knob; surface mounting**

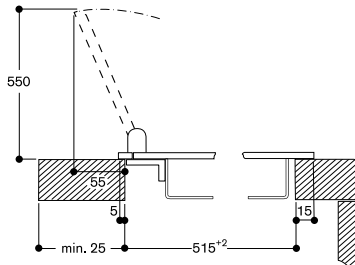


**Gas connection**

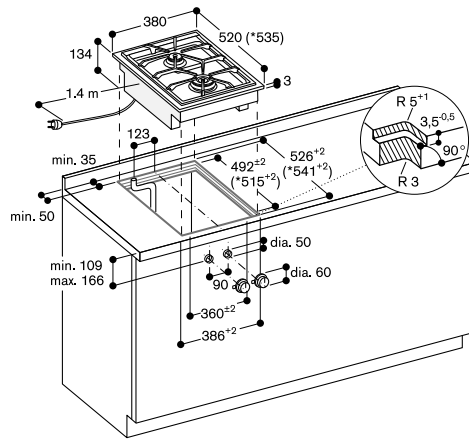
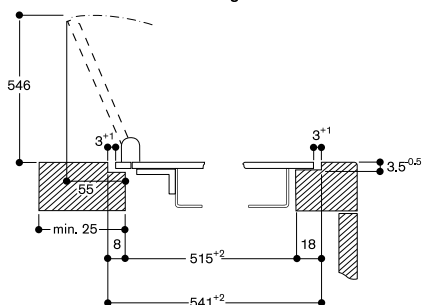


\* 53 mm with appliance cover or filler strip.

**Installation with appliance cover/spacer batten; installation standing proud of surrounding surfaces**

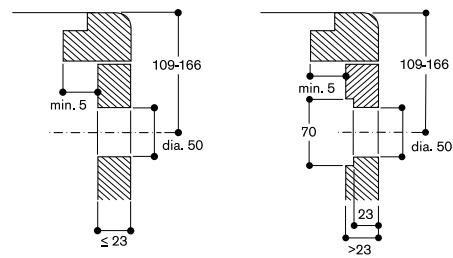


**Installation with appliance cover/spacer batten; installation flush with surrounding surfaces**

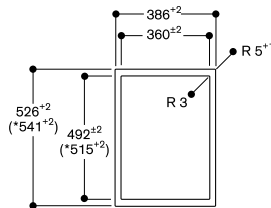


\* with appliance cover or filler strip  
See separate planning notes.

**Installation of the control knob; flush installation**

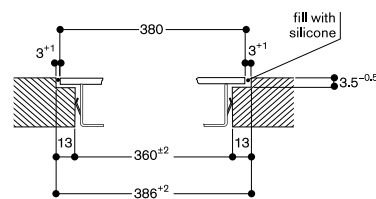


**View from above**

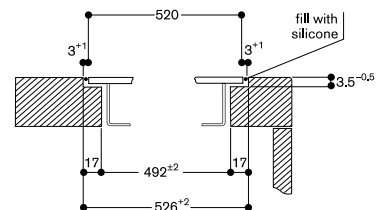


\* with appliance cover or filler strip  
(observe the front and rear asymmetrical support, see separate notes "Installation with appliance cover/filler strip").

**Longitudinal section**



**Cross-section**



When installing with appliance cover or filler strip, pay attention to the deeper cut-out and the front and rear groove width.



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**VP 414 111**

Stainless steel  
Width 38 cm

---

**Included in the price**

2 spatula

---

**Installation accessories****VA 420 000**

Connection strip for combination with other Vario appliances of the 400 series for flush mounting

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**VA 420 001**

Connection strip for combination with other Vario appliances of the 400 series for flush mounting with appliance cover/filler strip

---

**VA 420 010**

Connection strip for combination with other Vario appliances of the 400 series for surface mounting

---

**VA 420 011**

Connection strip for combination with other Vario appliances of the 400 series for surface mounting with appliance cover/filler strip

---

**VA 440 010**

Stainless steel appliance cover with mounting strip

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**VA 450 400**

Stainless steel filler strip 38 cm  
Necessary accessory for combination of several Vario appliances of the 400 series with at least one appliance cover to compensate the appliance depth.

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**Vario Teppan Yaki 400 series****VP 414**

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- Can be combined perfectly with other Vario appliances of the 400 series
- Cooking directly on the hard-chromed metal surface, without any pots or pans
- Exact temperature control up to 240 °C
- Optimum heat distribution
- Solid stainless steel control knob
- Precision crafted 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting

**Cooking zones**

Usable area 31 x 44cm (WxD)

**Handling**

2 flexible installation control knobs (1m connecting cable)  
Control knobs with illuminated ring, cooking zone and temperature markings.  
Electronic temperature control from 120 °C to 240 °C.

**Features**

2 zones, each 1500 W, can be operated together as a complete surface or each half separately.  
Keep warm setting.  
Cleaning stage.  
Easy to clean, similar to a cast pan

**Safety**

Safety shut-off.  
Pre-heat and residual heat indicator.  
Operation indicator.

**Planning notes**

Depending on the type of installation (surface-mounted or flush-mounted, with or without an appliance cover), the specific location of the cut-out and the knob positions may vary.  
Appliance can be snapped into the worktop from above.  
The drawing "Installation of the control knob" must be observed if the panel is more than 23mm thick (there must be a recess at the rear).  
If installing with the appliance cover VA 440 or filler strip VA 450 take into account the additional space required for the depth.  
If combining several appliances with at least one appliance cover, the filler strip VA 450 is required to compensate for the depth of the appliance without the appliance cover.  
If combining several Vario appliances of the 400 series, a connection strip VA 420 must be placed between the appliances. Depending on the type of installation, the corresponding connection strip must be provided.  
In the cut-out, the installation system requires the side edge to be at least 10 mm for surface mounting and at least 13 mm for flush mounting. Ensure a continuous cut surface of 90°.  
The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable

substructures. Take into account the appliance weight and additional loads. Additional instructions for flush mounting:

Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer.

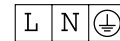
The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining. The joint width may vary due to size tolerances of the combinations and of the worktop cut-out.

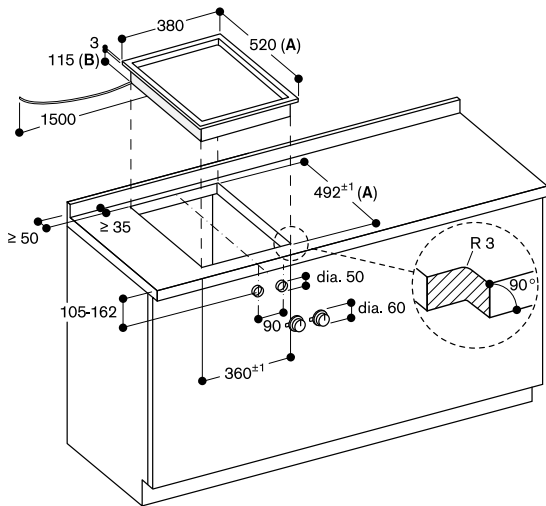
Please read additional planning notes on page 72–77.

If installing several appliances in individual cut-outs allow for a division bar of minimum 50 mm between the individual cut-outs.  
A minimum lateral clearance of at least 40 mm from adjacent heat-sensitive furniture or contact surfaces must be observed or thermal insulation fitted.  
Appliance weight: approx. 12 kg.

**Connection**

Total connected load 3.0 kW.  
Connecting cable 1.5 m without plug.

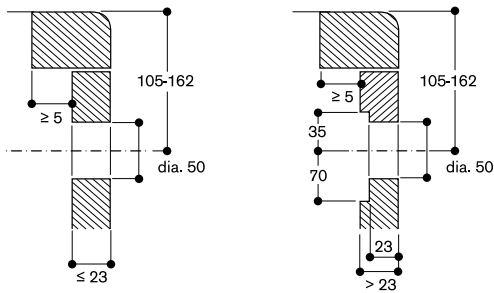




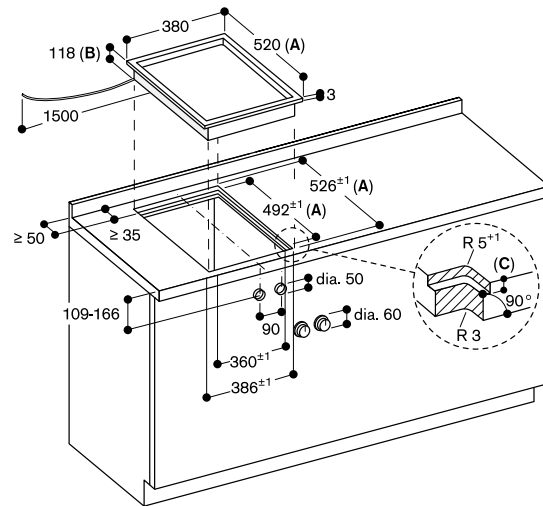
- A: When installing with appliance cover, take the deeper cut-out into consideration (observe separate planning notes)
- B: 130 mm in the area of the cable clamp (left, on the rear side)

measurements in mm

**Installation of the control knob; surface mounting**



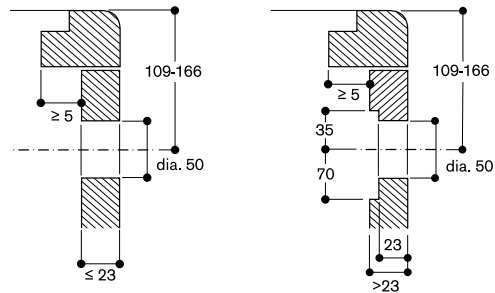
measurements in mm



- A: When installing with appliance cover, take the deeper cut-out into consideration (observe separate planning notes)
- B: 133 mm in the area of the cable clamp (left, on the rear side)
- C: 3.5<sup>-0.5</sup>

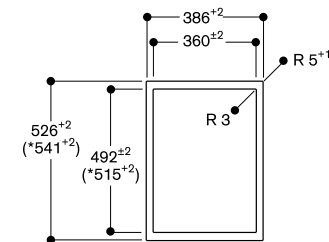
measurements in mm

**Installation of the control knob; flush installation**



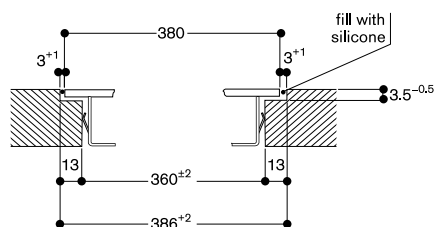
measurements in mm

**View from above**

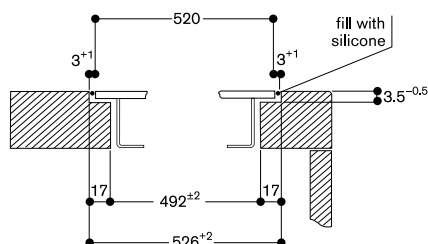


\* with appliance cover or filler strip (observe the front and rear asymmetrical support, see separate notes "Installation with appliance cover/filler strip").

**Longitudinal section**



**Cross-section**



When installing with appliance cover or filler strip, pay attention to the deeper cut-out and the front and rear groove width.



#### VR 414 110

Stainless steel  
Width 38 cm

#### Included in the price

- 1 cast pan, half size
- 1 grease collecting insert
- 2 cast grills
- 1 lava stone
- 1 cleaning brush

#### Installation accessories

##### VA 420 010

Connection strip for combination with other Vario appliances of the 400 series for surface mounting

##### VA 420 011

Connection strip for combination with other Vario appliances of the 400 series for surface mounting with appliance cover/filler strip

##### VA 420 000

Connection strip for combination with other Vario appliances of the 400 series for flush mounting

##### VA 420 001

Connection strip for combination with other Vario appliances of the 400 series for flush mounting with appliance cover/filler strip

##### VA 440 010

Stainless steel appliance cover with mounting strip

##### VA 450 400

Stainless steel filler strip 38 cm  
Necessary accessory for combination of several Vario appliances of the 400 series with at least one appliance cover to compensate the appliance depth.

#### Special accessories

##### VA 461 001

Cast pan, enamelled, full size  
For Vario electric grill 400 series.  
For frying large quantities on one surface.

#### Vario electric grill 400 series

##### VR 414

- Can be combined perfectly with other Vario appliances of the 400 series
- Cast pan, half size, for simultaneous frying and grilling on two separate surfaces
- Open cast grill, lava stones
- 2 separately controlled zones
- Solid stainless steel control knob
- Precision crafting of 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting

#### Handling

2 fixed installation control knobs  
Control knobs with illuminated ring, cooking zone and output level markings.  
Electronic power control in 12 output levels.

#### Features

Cooktop, lava stone trough and grease collecting insert from stainless steel.  
2 independently controlled grilling elements (1500 W).  
Two-part cast grill.

#### Safety

Safety shut-off.  
Pre-heat and residual heat indicator  
Operation indicator

#### Planning notes

Depending on the type of installation (surface-mounted or flush-mounted, with or without an appliance cover), the specific location of the cut-out and the knob positions may vary.

If installing with the appliance cover VA 440 or filler strip VA 450 take into account the additional space required for the depth.

If combining several appliances with at least one appliance cover, the filler strip VA 450 is required to compensate for the depth of the appliance without the appliance cover.

If combining several Vario appliances of the 400 series, a connection strip VA 420 must be placed between the appliances. Depending on the type of installation, the corresponding connection strip must be provided.

In the cut-out, the installation system requires the side edge to be at least 10 mm for surface mounting and at least 13 mm for flush mounting. Ensure a continuous cut surface of 90°.

The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable substructures. Take into account the appliance weight and additional loads. Additional instructions for flush mounting:

Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer.

The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining. The joint width may vary due to size tolerances of the combinations and of the worktop cut-out.

Please read additional planning notes on page 72–77.

If installing several appliances in individual cut-outs allow for a division bar of minimum 50 mm between the individual cut-outs.

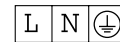
Built-in control panel to be integrated in the bottom cabinet at drawer level. Panel thickness 16 – 26 mm. The drawing "Installation of the control knob" must be observed if the panel is more than 26 mm thick (there must be a recess at the rear). A minimum lateral clearance of at least 100 mm from adjacent heat-sensitive furniture or from the wall must be observed.

Appliance can be snapped into the worktop from above.

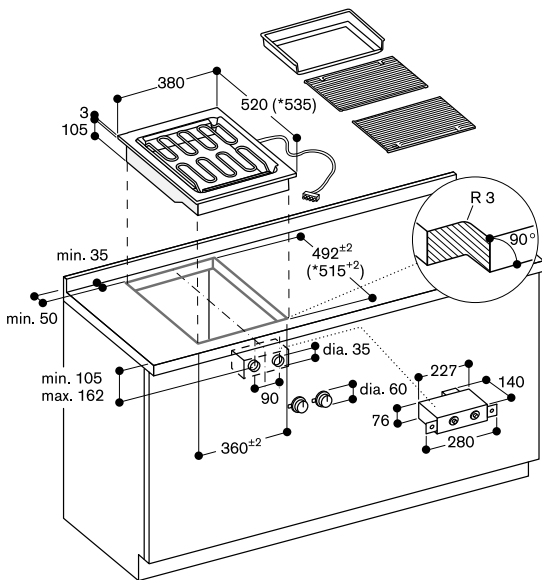
Appliance weight: approx. 26 kg.

#### Connection

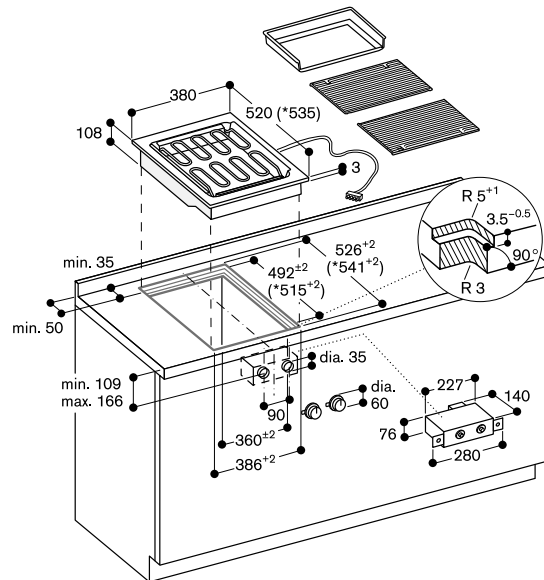
Total connected load 3.0 kW.  
Plan a connection cable.





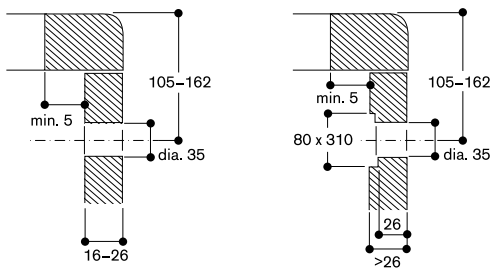


\* with appliance cover  
measurements in mm

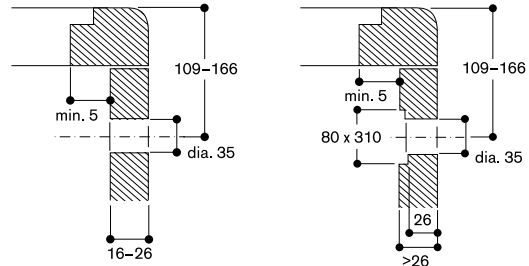


\* with appliance cover  
measurements in mm

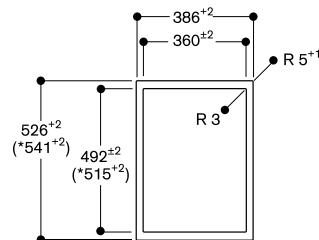
Installation of the control knob; surface mounting



Installation of the control knob; flush mounting

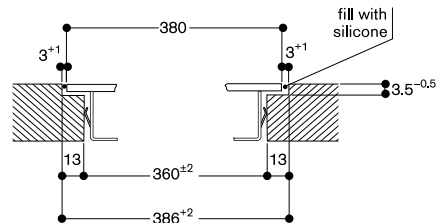


View from above

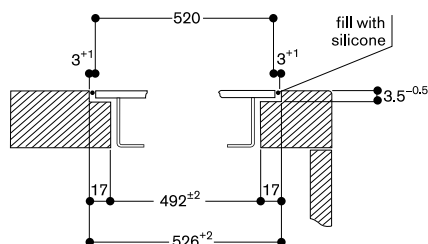


\* with appliance cover or filler strip  
(observe the front and rear asymmetrical support, see separate notes "Installation with appliance cover/filler strip").

Longitudinal section



Cross-section





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**VL 414 111**

Stainless steel  
Width 11 cm  
Air extraction / Air recirculation  
Without motor and control knob

---

**Necessary installation accessories****AA 490 111**

Stainless steel control knob

---

**AD 724 042**

Connection piece for round pipe  
DN 150 For VL 414  
For installation to left or right side of  
VL additional adapter AD 724 041 is  
necessary.

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**AD 724 041**

Round duct connection additional  
adapter for VL 414 on the side  
Metal zinc coated  
Necessary for installation to left or  
right side of VL.

---

**AD 854 046**

Flat duct system with guidance fins  
Connecting piece VL 414 for  
DN 150 flat

---

**Installation accessories****VA 420 000**

Connection strip for combination  
with other Vario appliances of the  
400 series for flush mounting

---

**VA 420 001**

Connection strip for combination  
with other Vario appliances of the  
400 series for flush mounting  
with appliance cover/filler strip

---

**VA 420 010**

Connection strip for combination  
with other Vario appliances of the  
400 series for surface mounting

---

**VA 420 011**

Connection strip for combination  
with other Vario appliances of the  
400 series for surface mounting  
with appliance cover/filler strip

---

**VA 450 110**

Stainless steel filler strip 11 cm  
Necessary accessory for combination  
of several Vario appliances of the  
400 series with at least one appliance  
cover to compensate the appliance  
depth.

---

**Special accessories****AA 414 010**

Ventilation moulding for VL 414 next to  
gas appliance.

---

**Installation accessories for the air  
recirculation ducts you will find on  
pages 132 – 141.**

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**Vario downdraft ventilation 400 series****VL 414**

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- Highly efficient ventilation system at the cooktop
- Flexible power distribution, precise extraction of cooking vapours only at the open ventilation elements
- Can be combined perfectly with other Vario appliances of the 400 series
- Precision crafted 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting
- Motorless, can be combined with Gaggenau BLDC remote fan units

**Output**

Power levels depend on the remote fan unit, see page 104.

**Features**

Manual opening of the ventilation element.  
Closing element made of stainless steel, dishwasher-safe.  
Metal grease filter, dishwasher-safe.  
No connecting piece included.

**Consumption data**

Consumption data is referred to a configuration with the remote fan unit AR 403 122.  
Energy consumption 53.2 kWh/year.  
Sound level min. 56 dB / max. 68 dB normal mode.

**Planning notes**

Refer to the table on page 104 for the matching remote fan units for air recirculation or air extraction mode. Secure the control unit to the side panel of the cabinet, not to the base of the cabinet or the kitchen floor. For each VL one remote fan unit is recommended.  
Maximum cooktop width between two VL: 60 cm.  
Appliance can be snapped into the worktop from above. Additional fixing by clamps accessible from bottom up, clamping range 30-50 mm.  
If installing with the appliance cover VA 440 or filler strip VA 450 take into account the additional space required for the depth.  
If combining several appliances with at least one appliance cover, the filler strip VA 450 is required to compensate for the depth of the appliance without the appliance cover.  
If combining several Vario appliances of the 400 series, a connection strip VA 420 must be placed between the appliances. Depending on the type of installation, the corresponding connection strip must be provided. In the cut-out, the installation system requires the side edge to be at least 10 mm for surface mounting and at least 13 mm for flush mounting. Ensure a continuous cut surface of 90°. The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable substructures.

Take into account the appliance weight and additional loads.

Additional instructions for flush mounting:

Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer. The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining. The joint width may vary due to size tolerances of the combinations and of the worktop cut-out.

If installing several appliances in individual cut-outs allow for a division bar of minimum 50 mm between the individual cut-outs.

If operated next to gas appliances, the ventilation moulding AA 414 010 is recommended to ensure maximum performance of the cooktop.

If installed next to gas appliances, flat ducts must not be used for the piping up to the fan unit.

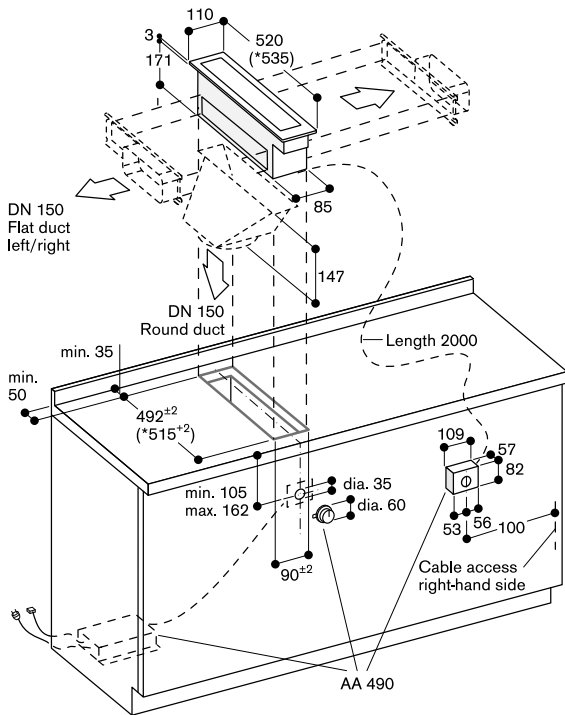
If installed next to VP 414, the flat duct must not be positioned underneath the VP 414.

Please read the installation details regarding air ducting on page 114 – 115.

Please read additional planning notes on page 72–77.

**Connection**

Connection cable 2.0 m between ventilation element VL 414 and control knob AA 490.

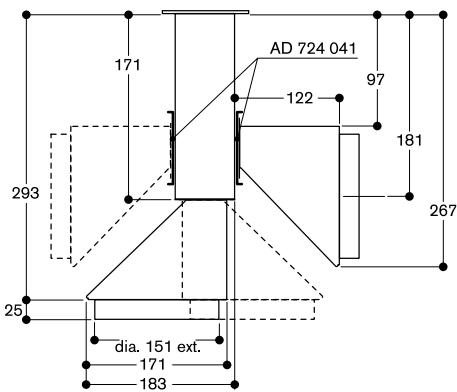


\* with filler strip

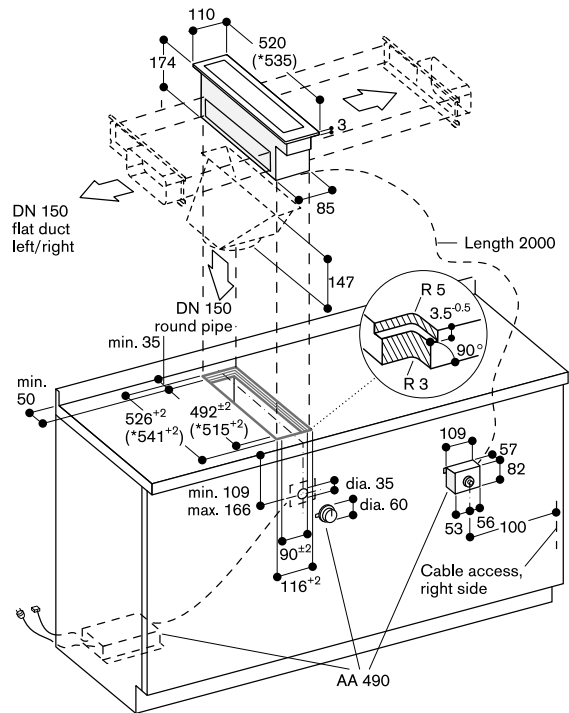
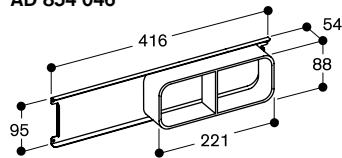
- Flat duct pipe connection piece, left/right DN 150 with AD 854 046
- Round duct pipe connection piece, bottom DN 150 with AD 724 042
- Round duct pipe connection piece, left/right DN 150 with AD 724 042 + AD 724 041

See separate planning notes for  
 - Positioning of control knob  
 - Configuration for flexible power distribution

**VL 414 with AD 724 042/041**



**AD 854 046**

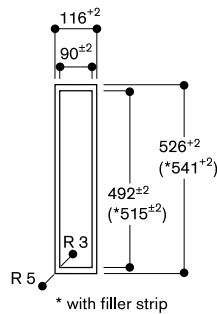


\* with filler strip

- Flat duct pipe connection piece, left/right DN 150 with AD 854 046
- Round duct pipe connection piece, bottom DN 150 with AD 724 042
- Round duct pipe connection piece, left/right DN 150 with AD 724 042 + AD 724 041

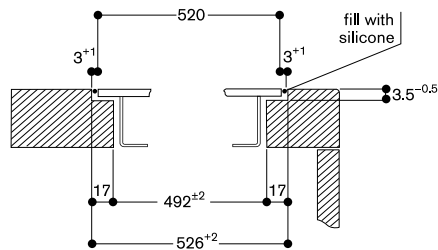
See separate planning notes for  
 - Positioning of control knob  
 - Configuration for flexible power distribution

**View from above**



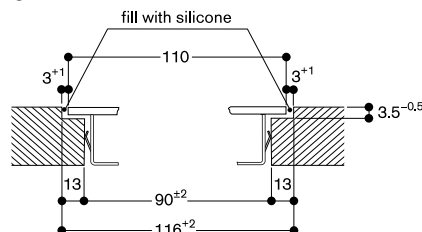
\* with filler strip

**Cross-section**



When installing with appliance cover or filler strip, pay attention to the deeper cut-out and the front and rear groove width.

**Longitudinal section**





AA 490 111  
Stainless steel

Vario control knob ventilation 400 series  
AA 490

- Solid stainless steel control knob
- Can be combined perfectly with other Vario appliances of the 400 series
- Motorless, can be combined with Gaggenau BLDC remote fan units

**Handling**

Control knob with illuminated ring and output marking.

**Features**

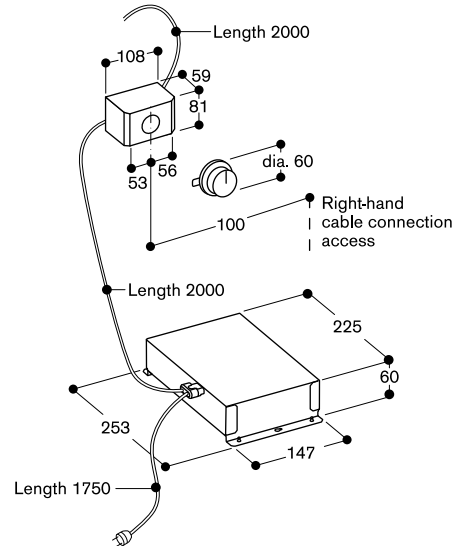
3 electronically controlled power levels and 1 intensive mode.  
Run-on function, 6 min.

**Planning notes**

The separate electronics housing is to be installed so that it is accessible.  
Secure the control unit to the side panel of the cabinet, not to the base of the cabinet or the kitchen floor.  
When installing a ventilation hood with air extraction mode and a chimney-vented fireplace, the power supply line of the ventilation appliance needs a suitable safety switch.

**Connection**

Total connected load 10W.  
Connecting cable 1.8 m, with plug.







#### AL 400 121

Stainless steel  
Width 120 cm  
Air extraction / Air recirculation  
Motorless

#### AL 400 191

Stainless steel  
Width 90 cm  
Air extraction / Air recirculation  
Motorless

#### Necessary installation accessories

##### AD 754 045

Connection piece for 2 aluflex pipes  
DN 150 round  
Fitting AL 400, front or back side.

##### AD 854 043

Connecting piece for 2 flat ducts  
DN 150  
Fitting AL 400, bottom side.

##### AD 854 045

Connecting piece for 2 flat ducts  
DN 150  
Fitting AL 400, front or back side.

#### Installation accessories

##### AA 010 410

Air exhaust grill air recirculation  
Stainless steel-coloured, 90 cm,  
including installation fittings, height  
adjustable.

##### AA 409 401

Furniture support for table ventilation  
AL 400 90 cm  
Can be combined with table ventilation  
AL 400.

Recommended as bearer for the  
worktop, instead of a cabinet frame.

##### AA 409 431

Furniture support for table ventilation  
AL 400 120 cm  
Can be combined with table ventilation  
AL 400.

Recommended as bearer for the  
worktop, instead of a cabinet frame.

##### AD 704 048

Air collector box DN 150 round pipe  
2x DN 150 round duct air intake.  
For connecting 1 x AL 400 to  
AR 403/AR 413

##### AD 704 049

Air collector box DN 150 flat duct  
2 x DN 150 flat duct air intake.  
To connect 1 x AL 400 to remote fan  
AR 403/AR 413 bottom side.

Installation accessories for the air  
recirculation ducts you will find on  
pages 132 – 141.

#### Table ventilation 400 series

##### AL 400

- Extendable table ventilation, when not in use can be completely lowered into the worktop
- Can be combined perfectly with other Vario appliances of the 400 series
- Dimmable, neutral white surface LED light for ideal illumination of the whole cooktop
- Precision crafted 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting
- Motorless, can be combined with Gaggenau BLDC remote fan units

#### Output

Power levels depend on the remote fan unit, see page 104.

#### Features

3 electronically controlled power levels and 1 intensive mode.  
Interval ventilation, 6 min.  
Run-on function, 6 min.  
Grease filter saturation indicator.  
Cartridge-type filter, dishwasher-safe.  
Neutral white surface LED light (3600 K), continuously dimmable.  
Lamp output 4x5 W.  
Illuminance 191 lx.  
Spare covers for closing air outlets.  
No connecting piece included.

#### Consumption data

Consumption data is referred to a configuration AL 400 121/AL 400 191 with the remote fan unit AR 401 142.  
Energy consumption 42.6/45.5 kWh/year.  
Sound level min. 44/45 dB / max. 59/61 dB normal mode.

#### Planning notes

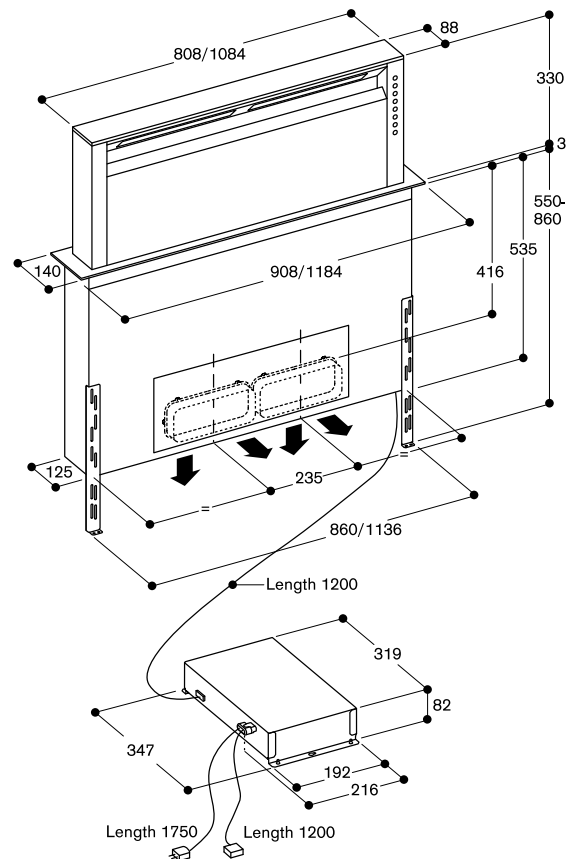
Refer to the table on page 104 for the matching remote fan units for air recirculation or air extraction mode.  
Secure the control unit to the side panel of the cabinet, not to the base of the cabinet or the kitchen floor.  
Connection to the respective appliances via network cable.  
AL 400 121 (AL 400 191)  
For operation with 4 (3) Vario 200 series cooktops, 3 (2) Vario 400 series cooktops or a cooktop configuration of up to 120 cm (92 cm) wide.  
Operation of Vario cooking appliances only possible without appliance cover.  
Max. output of cooktops 18 kW.  
Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer.  
The remaining surface of the worktop (min. 50 mm) between the cut-outs must be reinforced with a support. It is recommended to use furniture support AA 409 401/431.  
Ovens that do not exceed the maximum allowed cabinet temperature can be combined with the table ventilation if built-in situation permits.  
To avoid smoke when frying/grilling refer to the manuals of VR/VP.

When installing a ventilation hood with air extraction mode and a chimney-vented fireplace, the power supply line of the ventilation appliance needs a suitable safety switch.

Please read the installation details regarding air ducting on page 108 – 109.

#### Connection

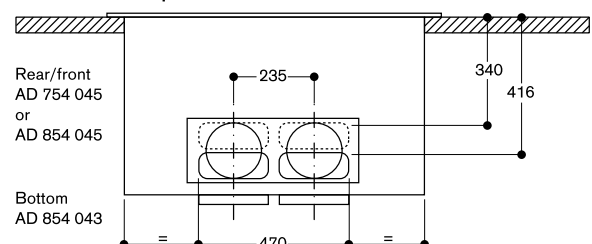
Total connected load 65 W  
Connecting cable 1.7 m, with plug.  
Network cable 1.2 m.



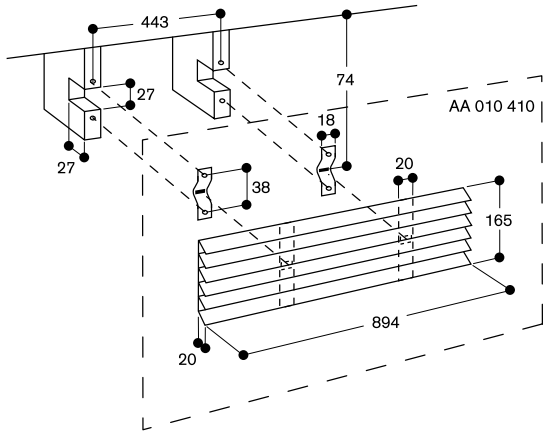
Pipe connection piece 2 x DN 150 front/rear  
Flat duct using AD 854 045  
Round duct using AD 754 045

Pipe connection piece 2 x DN 150 bottom  
Flat duct using AD 854 043

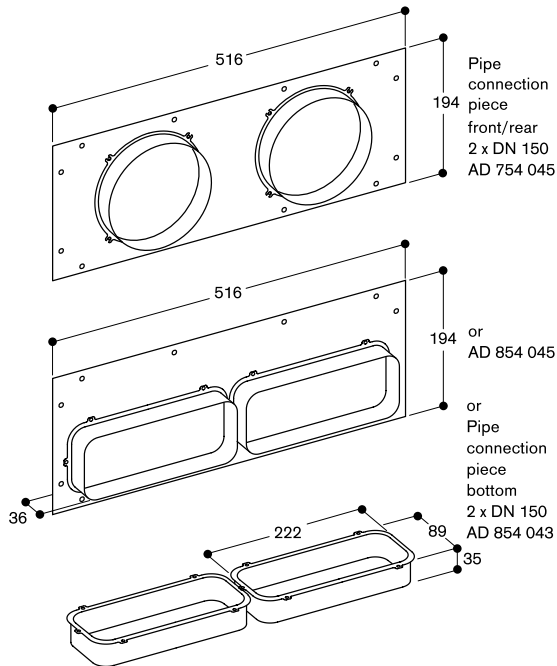
#### AL 400 connection positions DN 150



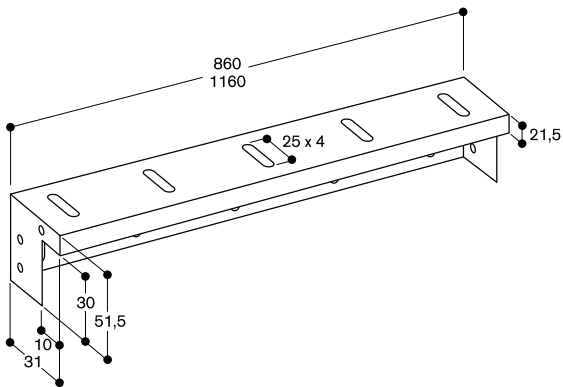
AA 010 410 air exhaust grille



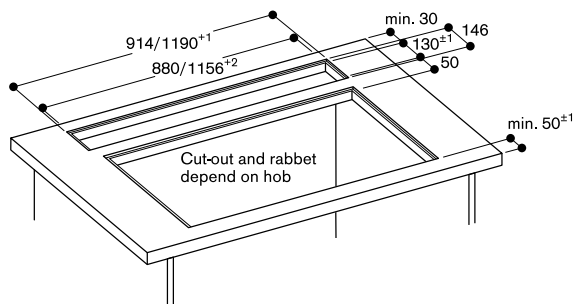
AD 754/854 045 and AD 854 043



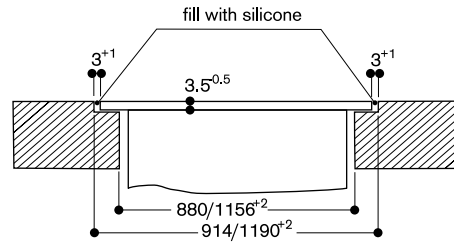
AA 409 401/431 furniture support



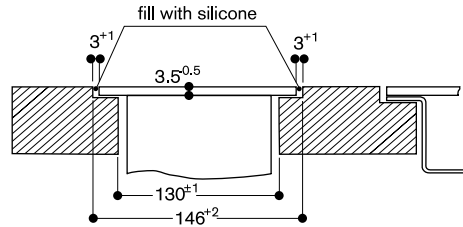
AL 400 installed flush



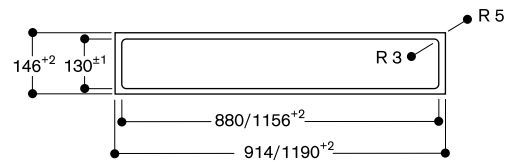
Longitudinal section



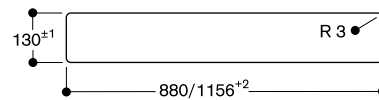
Cross-section



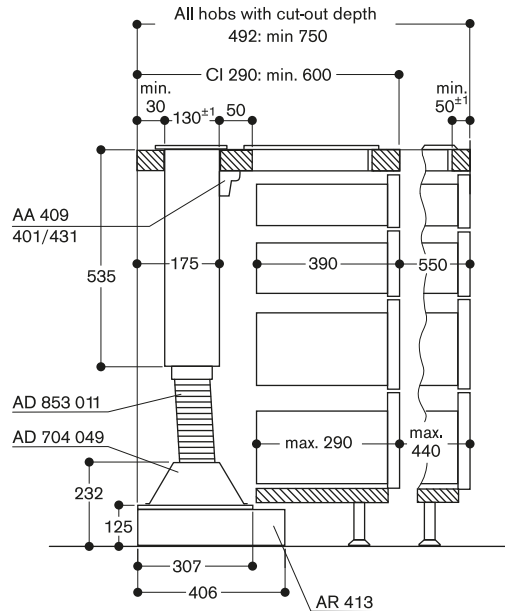
AL 400 cut-out flush-mounted



AL 400 cut-out for surface mounting



Cross-section of upper cabinet for AL 400 (without back wall) with AR 413; connection at the bottom



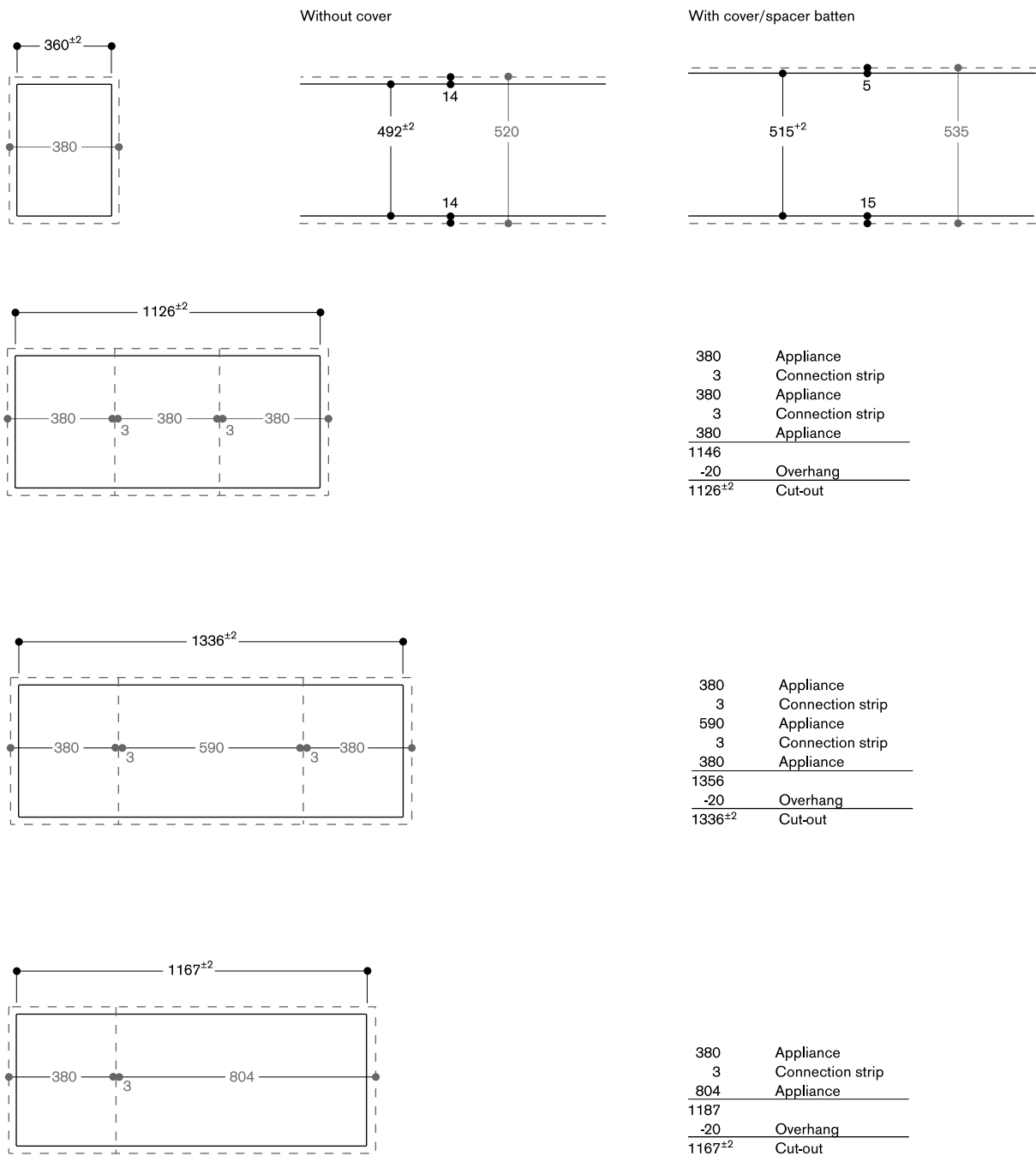
## Cut-out dimensions for appliance combinations in the 400 series. Surface mounting.

The drawings listed below show the cut-out dimensions for appliance combinations in the 400 series for a surface mounting. While taking into consideration the drawings specified below, the installer can define the suitable cut-out dimensions. The combinations listed here are only sample combinations.

Depending on the installation situation (with or without cover/filler strip), the following connection strips must be provided:  
 VA 420 010 for a surface mounting **without** appliance cover/filler strip.  
 VA 420 011 for a surface mounting **with** appliance cover/filler strip.

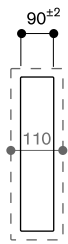
If installing with the VA 440 appliance cover or VA 450 filler strip, take into account the additional space required for the depth.

### Sample combinations without VL 414 ventilation element:

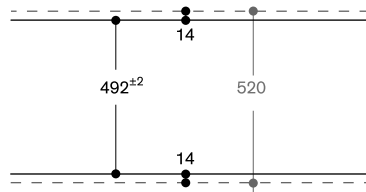




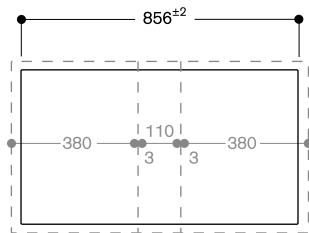
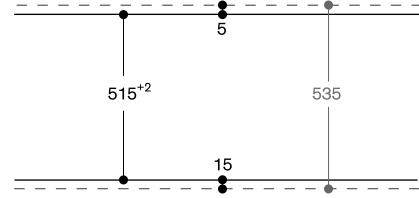
Sample combinations with VL 414 ventilation element:



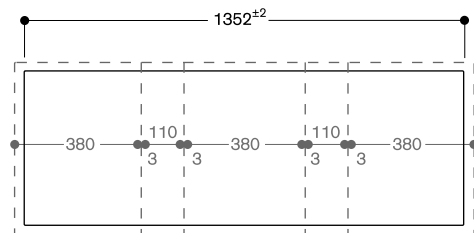
Without cover



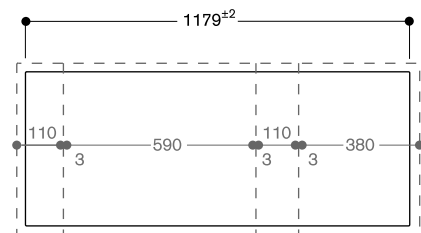
With cover/spacer batten



380	Appliance
3	Connection strip
110	VL
3	Connection strip
380	Appliance
<hr/>	
876	
-20	Overhang
<hr/>	
856±2	Cut-out



380	Appliance
3	Connection strip
110	VL
3	Connection strip
380	Appliance
3	Connection strip
110	VL
3	Connection strip
380	Appliance
<hr/>	
1372	
-20	Overhang
<hr/>	
1352±2	Cut-out



110	VL
3	Connection strip
590	Appliance
3	Connection strip
110	VL
3	Connection strip
380	Appliance
<hr/>	
1199	
-20	Overhang
<hr/>	
1179±2	Cut-out

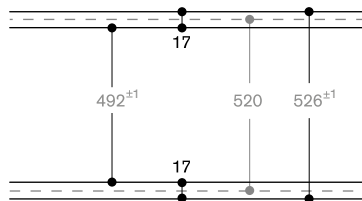
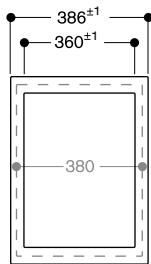
## Cut-out dimensions for appliance combinations in the 400 series. Flush mounting.

The drawings listed below show the cut-out dimensions for appliance combinations in the 400 series for a flush mounting. While taking into consideration the drawings specified below, the installer can define the suitable cut-out dimensions. The combinations listed here are only sample combinations.

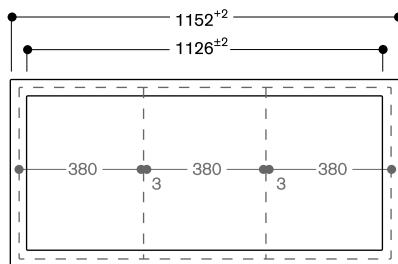
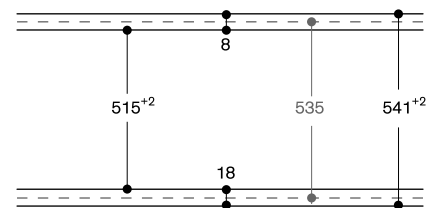
Depending on the installation situation (with or without cover/filler strip), the following connection strips must be provided:  
 VA 420 000 for a flush mounting **without** appliance cover/filler strip.  
 VA 420 001 for a flush mounting **with** appliance cover/filler strip.

If installing with the VA 440 appliance cover or VA 450 filler strip, take into account the additional space required for the depth. Furthermore, you must ensure that there is an asymmetrical alignment in the cut-out depth.

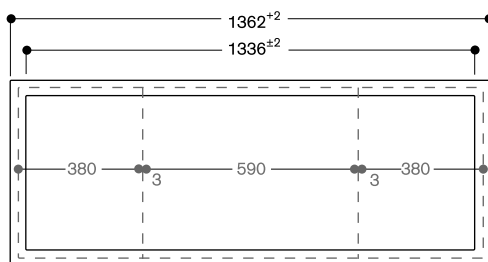
### Sample combinations without VL 414 ventilation element:



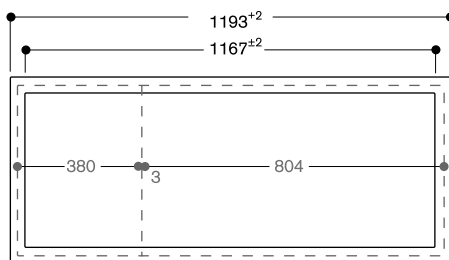
With cover/spacer batten



380	Appliance
3	Connection strip
380	Appliance
3	Connection strip
380	Appliance
<hr/>	
1146	
-20	Overhang
1126±2	Cut-out
+20	Overhang
+6	Silicone joint
1152±2	Cut-out with groove

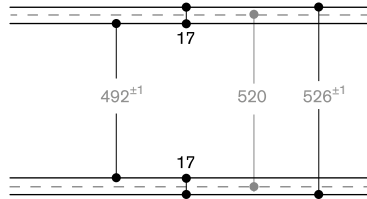
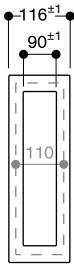


380	Appliance
3	Connection strip
590	Appliance
3	Connection strip
380	Appliance
<hr/>	
1356	
-20	Overhang
1336±2	Cut-out
+20	Overhang
+6	Silicone joint
1362±2	Cut-out with groove

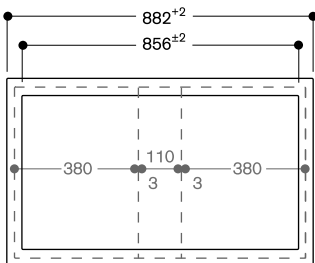
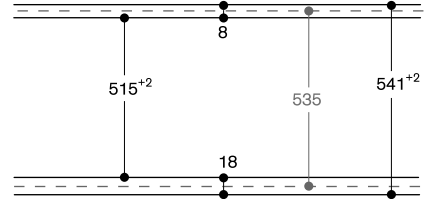


380	Appliance
3	Connection strip
804	Appliance
<hr/>	
1187	
-20	Overhang
1167±2	Cut-out
+20	Overhang
+6	Silicone joint
1193±2	Cut-out with groove

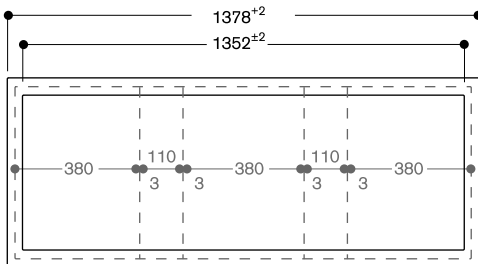
Sample combinations with VL 414 ventilation element:



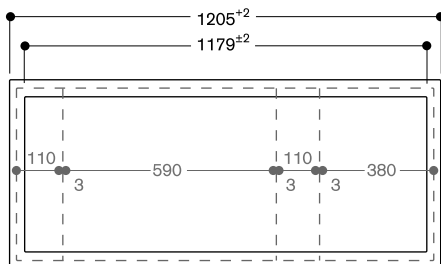
With cover/spacer batten



380	Appliance
3	Connection strip
110	VL
3	Connection strip
380	Appliance
<hr/>	
876	
-20	Overhang
856±2	Cut-out
+20	Overhang
+6	Silicone joint
882±2	Cut-out with groove



380	Appliance
3	Connection strip
110	VL
3	Connection strip
380	Appliance
3	Connection strip
110	VL
3	Connection strip
380	Appliance
<hr/>	
1372	
-20	Overhang
1352±2	Cut-out
+20	Overhang
+6	Silicone joint
1378±2	Cut-out with groove

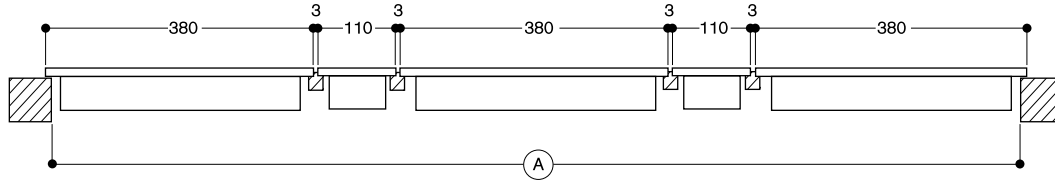


110	VL
3	Connection strip
590	Appliance
3	Connection strip
110	VL
3	Connection strip
380	Appliance
<hr/>	
1199	
-20	Overhang
1179±2	Cut-out
+20	Overhang
+6	Silicone joint
1205±2	Cut-out with groove

Cut-out dimensions for appliance combinations in the 400 series.  
 Calculator for calculating the width of the cut-out.

**Calculation of the width of the cut-out for a surface mounting**

Example using a combination of VI 414, VI 422, VP 414 and 2 VL 414.

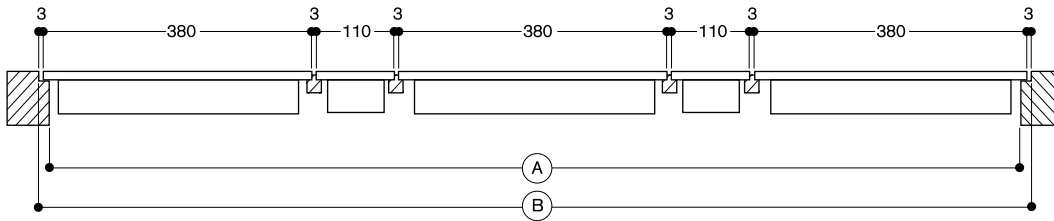


		Example		Your combination
Total width of all appliances	in mm	$(3 \times 380) + (2 \times 110)$	1.360	.....
+ Number of connection strips	x 3 mm	4 x 3	+ 12	.....
- Lateral appliance projection	(10 mm / side)	20	- 20	- 20
(A) Total width of the cut-out	(in mm)		1.352 +/- 2	..... +/- 2

Cut-out depth based on the installation situation with or without appliance cover/filler strip.

**Calculation of the width of the cut-out for a flush mounting**

Example using a combination of VI 414, VI 422, VP 414 and 2 VL 414.

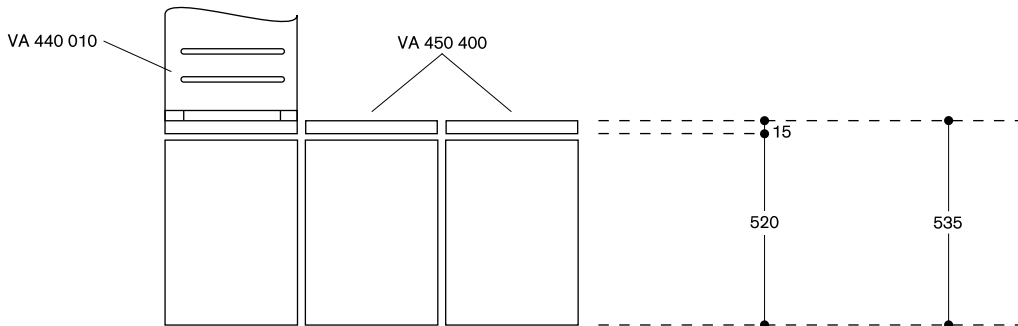


		Example		Your combination
Total width of all appliances	in mm	$(3 \times 380) + (2 \times 110)$	1.360	.....
+ Number of connection strips	x 3 mm	4 x 3	+ 12	.....
- Lateral appliance projection	(10 mm / side)	20	- 20	- 20
(A) Total width of the cut-out	(in mm)		1.352 +/- 2	..... +/- 2
+ Lateral appliance projection	(10 mm / side)	20	+ 20	+ 20
+ Silicone joint (3 mm circumference)		2 x 3	+ 6	+ 6
(B) Total width with groove	(in mm)		1.378 + 2	..... 0/+ 2

Cut-out depth based on the installation situation with or without appliance cover/filler strip.

## Installation with appliance cover and filler strip in the 400 series

All appliances with a width of 38 cm can be equipped with a stainless steel appliance cover. If combining several appliances with at least one appliance cover, the VA 450 filler strip is required to compensate for the depth of the appliance without the appliance cover and to have a continuous cut-out.



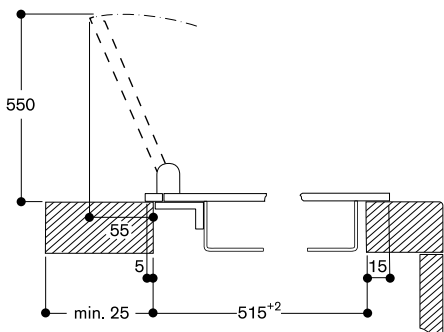
When installing with appliance cover or filler strip, depending on the mounting situation (surface or flush), the following connecting strips must be provided:

VA 420 011 for a **surface mounting** with appliance cover/filler strip.

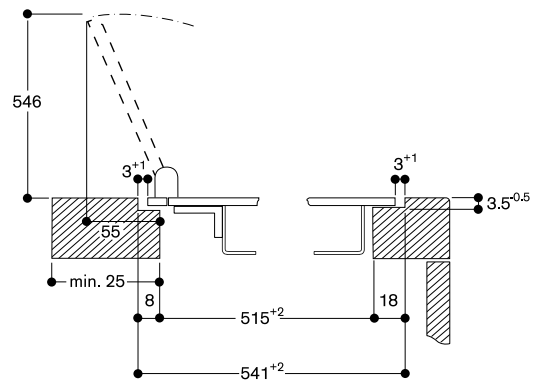
VA 420 001 for a **flush mounting** with appliance cover/filler strip.

If installing with the VA 440 appliance cover or VA 450 filler strip, take into account the additional space required for the depth. Furthermore, you must ensure that there is an asymmetrical alignment in the cut-out depth.

### Installation with appliance cover/spacer batten; installation standing proud of surrounding surfaces



### Installation with appliance cover/spacer batten; installation flush with surrounding surfaces





#### VI 262 120

Black anodised control panel  
in aluminium  
Width 60 cm

#### Included in the price

1 glass scraper

#### Installation accessories

##### VV 200 010

Stainless steel connection strip for  
combination with other Vario  
appliances of the 200 series

##### VV 200 020

Black connection strip for combination  
with other Vario appliances of the  
200 series

#### Special accessories

##### GP 900 003

Stainless steel frying sensor pan  
Non-stick coating, ø 21 cm.

### Vario flex induction cooktop 200 series

#### VI 262

- Can be combined with the cooktops of the Vario 200 series
- Control panel for comfortable and secure operation

#### Cooking zones

2 x flex induction cooking areas  
19x23 cm (2200 W, with booster  
3700 W), linked together 38x23 cm  
(3300 W, with booster 3700 W).

#### Handling

Electronic power control in  
9 output levels.  
Control knobs with illuminated ring.  
Integrated control panel.

#### Features

Flex function for rectangular  
cooking areas.  
Cooking area marking.  
Frying sensor function.  
Pot detection.  
Booster function for each cooking area.

#### Safety

Residual heat indicator.  
Operation indicator.  
Safety shut-off.

#### Planning notes

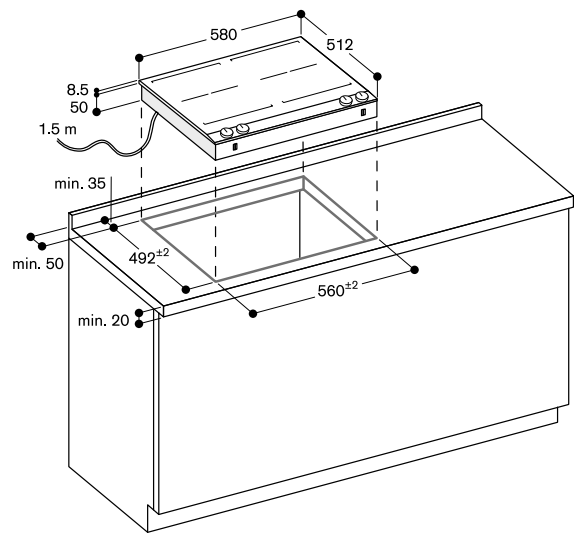
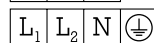
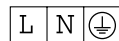
Operates with magnetic (induction)  
iron pots and pans only. For an optimal  
heat distribution, the use of sandwich  
bottom cookware is recommended.  
Appliance can be snapped into the  
worktop from above.  
Appliance weight: approx. 17 kg.

Please read additional planning notes  
on page 86.

Please read the installation details  
regarding air ducting on page 100.

#### Connection

Total connected load 7.4 kW.  
Connecting cable 1.5 m without plug.





**VG 264 220 AU**

Black anodised control panel  
in aluminium  
Width 60 cm

**Installation accessories**

**VV 200 010**

Stainless steel connection strip for  
combination with other Vario  
appliances of the 200 series

**VV 200 020**

Black connection strip for combination  
with other Vario appliances of the  
200 series

**Vario gas cooktop 200 series  
VG 264**

- Can be combined with the cooktops of the Vario 200 series
- Control panel for comfortable and secure operation
- Mechanical power level regulation for 9 power levels, with exact setting and reproduction of flame size
- Solid smooth-surface cast iron pan supports for easy and safe positioning of cookware

**Cooking zones**

2 high output burner 10.8 MJ/h, suitable for pots up to max.  $\varnothing$  22 cm.  
2 standard burners 6.8 MJ/h, suitable for pots up to max.  $\varnothing$  20 cm.

**Handling**

Control knobs with illuminated ring.  
Integrated control panel.  
One-handed operation.  
Electric ignition.

**Features**

Two-part cast iron pan support with continuous pot surface.  
Enamelled burner cover.

**Safety**

Thermoelectric safety pilot.  
Residual heat indicator.  
Operation indicator.

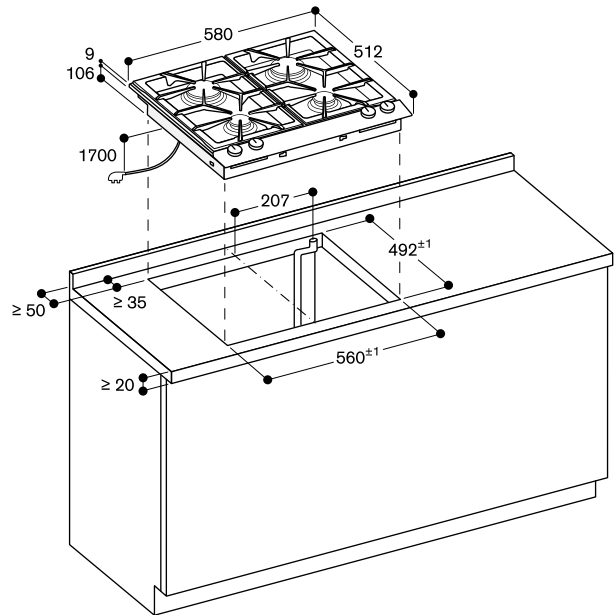
**Planning notes**

Appliance can be snapped into the worktop from above.  
A minimum lateral clearance of at least 150 mm from adjacent heat-sensitive furniture or contact surfaces must be observed or thermal insulation fitted.  
With a total connected load of more than 39.6 MJ/h local regulations concerning room ventilation, room size and combination of extraction or recirculation hoods must be observed.  
Minimum clearance between gas cooktop(s) with more than 39.6 MJ/h (11 kW) and ventilation hood is 70 cm.  
For details on this appliance, please refer to installation manual.  
No intermediate shelf required  
Appliance weight: approx. 15 kg.

Please read additional planning notes on page 86.

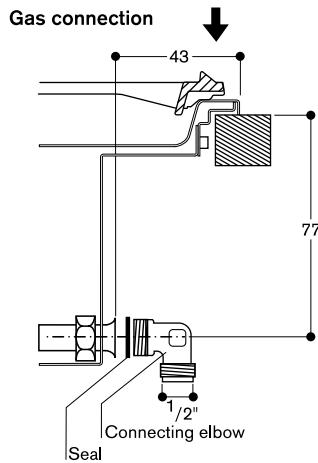
**Connection**

Suitable for natural gas and LPG connection, LPG conversion kit upon request  
Total connected load gas 35.2 MJ/h.  
Total connected load electric 10.0 W.  
Connecting cable 1.7 m with plug.



Minimum distance from the appliance cut-out to the side wall 150 mm.

measurements in mm





#### VI 232 120

Black anodised control panel  
in aluminium  
Width 28 cm

#### Included in the price

1 glass scraper

#### Installation accessories

##### VV 200 010

Stainless steel connection strip for  
combination with other Vario  
appliances of the 200 series

##### VV 200 020

Black connection strip for combination  
with other Vario appliances of the  
200 series

#### Special accessories

##### GP 900 003

Stainless steel frying sensor pan  
Non-stick coating, ø 21 cm.

##### VD 200 020

Black appliance cover

### Vario flex induction cooktop 200 series

#### VI 232

- Can be combined with the cooktops of the Vario 200 series
- Control panel for comfortable and secure operation

#### Cooking zones

2 flex induction cooking areas 19x21 cm (2200 W, with booster 3700 W), linked together 38x21 cm (3300 W, with booster 3700 W).

#### Handling

Electronic power control in 9 output levels  
Control knobs with illuminated ring.  
Integrated control panel.

#### Features

Flex function for rectangular cooking areas.  
Cooking area marking.  
Frying sensor function.  
Pot detection.  
Booster function for both cooking areas.

#### Safety

Residual heat indicator.  
Operation indicator.  
Safety shut-off.

#### Planning notes

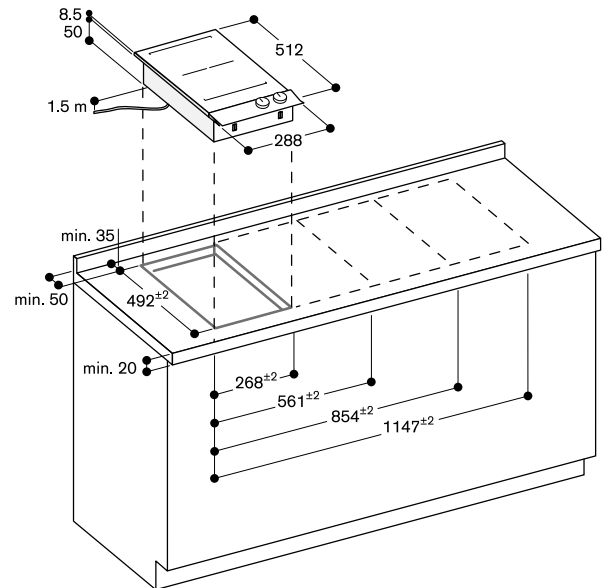
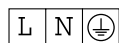
Operates with magnetic (induction) iron pots and pans only. For an optimal heat distribution, the use of sandwich bottom cookware is recommended.  
Appliance can be snapped into the worktop from above.  
Appliance weight: approx. 9 kg.

Please read additional planning notes on page 86.

Please read the installation details regarding air ducting on page 100.

#### Connection

Total connected load 3.7 kW.  
Connecting cable 1.5 m without plug.







**VG 231 220 AU**

Black anodised control panel in aluminium  
Width 28 cm  
Wok burner with up to 18 MJ/h

**Included in the price**

1 wok attachment ring

**Installation accessories**

**VV 200 010**

Stainless steel connection strip for combination with other Vario appliances of the 200 series

**VV 200 020**

Black connection strip for combination with other Vario appliances of the 200 series

**Special accessories**

**VD 200 020**

Black appliance cover

**WP 400 001**

Wok pan made of multiple-layer material  
With round bottom and handle, ø36 cm, 6 litres, height 10 cm.

**Vario gas wok 200 series  
VG 231**

- Can be combined with the cooktops of the Vario 200 series
- Control panel for comfortable and secure operation
- Mechanical power level regulation for 9 power levels, with exact setting and reproduction of flame size
- Multi-ring burner of solid, heat-resistant brass as used in professional kitchen

**Cooking zones**

1 multi-ring wok burner  
18 MJ/h, suitable for pots up to max. ø 30 cm.

**Handling**

Control knobs with illuminated ring.  
Integrated control panel.  
One-handed operation.  
Electric ignition.  
To close the cover, the cast iron pan support can be easily reversed.

**Features**

Cast iron pan support.  
Brass burner ring.

**Safety**

Thermoelectric safety pilot.  
Residual heat indicator.  
Operation indicator.

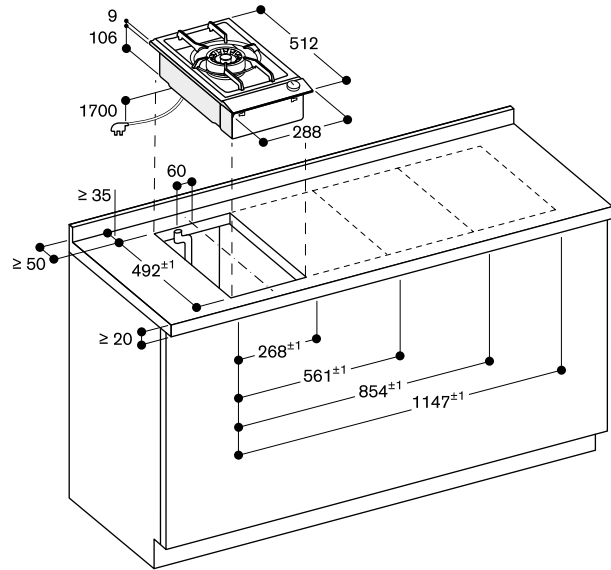
**Planning notes**

Appliance can be snapped into the worktop from above.  
A minimum clearance of at least 150 mm from adjacent heat-sensitive furniture or contact surfaces must be observed or thermal insulation fitted.  
With a total connected load of more than 39.6 MJ/h local regulations concerning room ventilation, room size and combination of extraction or recirculation hoods must be observed.  
Minimum clearance between gas cooktop(s) with more than 39.6 MJ/h (11 kW) and ventilation hood is 70 cm.  
For details on this appliance, please refer to installation manual.  
Appliance weight: approx. 10 kg.

Please read additional planning notes on page 86.

**Connection**

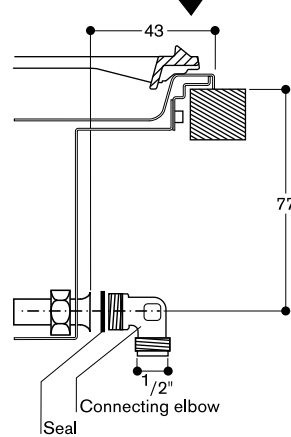
Suitable for natural gas and LPG connection, includes LPG conversion kit  
Total connected load gas 18.0 MJ/h.  
Total connected load electric 10.0 W.  
Connecting cable 1.7 m with plug.



Minimum distance from the appliance cut-out to the side wall 150 mm.

measurements in mm

**Gas connection**





#### VG 232 220 AU

Black anodised control panel  
in aluminium  
Width 28 cm

#### Installation accessories

##### VV 200 010

Stainless steel connection strip for  
combination with other Vario  
appliances of the 200 series

##### VV 200 020

Black connection strip for combination  
with other Vario appliances of the  
200 series

#### Special accessories

##### VD 200 020

Black appliance cover

#### Vario gas cooktop 200 series

##### VG 232

- Can be combined with the cooktops of the Vario 200 series
- Control panel for comfortable and secure operation
- Mechanical power level regulation for 9 power levels, with exact setting and reproduction of flame size
- Solid smooth-surface cast iron pan supports for easy and safe positioning of cookware

#### Cooking zones

1 high output burner 10.8 MJ/h, suitable for pots up to max.  $\varnothing$  22 cm.  
1 standard burner 6.8 MJ/h, suitable for pots up to max.  $\varnothing$  20 cm.

#### Handling

Control knobs with illuminated ring.  
Integrated control panel.  
One-handed operation.  
Electric ignition.

#### Features

Cast iron pan support with continuous pot surface.  
Enamelled burner cover.

#### Safety

Thermoelectric safety pilot.  
Residual heat indicator.  
Operation indicator.

#### Planning notes

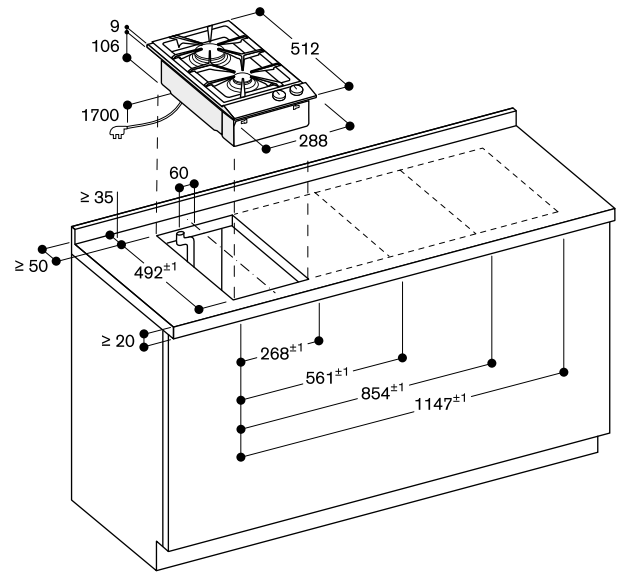
Appliance can be snapped into the worktop from above.  
A minimum clearance of at least 150 mm from adjacent heat-sensitive furniture or contact surfaces must be observed or thermal insulation fitted.  
With a total connected load of more than 39.6 MJ/h local regulations concerning room ventilation, room size and combination of extraction or recirculation hoods must be observed.  
Minimum clearance between gas cooktop(s) with more than 39.6 MJ/h (11 kW) and ventilation hood is 70 cm.  
For details on this appliance, please refer to installation manual.  
Appliance weight: approx. 8 kg.

Please read additional planning notes on page 86.

#### Connection

Suitable for natural gas and LPG connection, includes LPG conversion kit

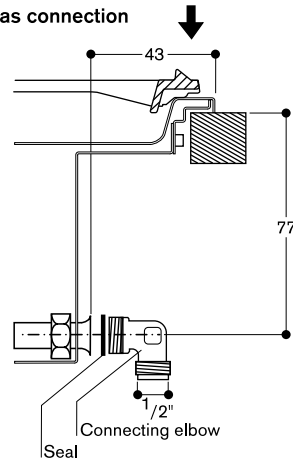
Total connected load gas 17.6 MJ/h.  
Total connected load electric 10.0 W.  
Connecting cable 1.7 m with plug.



Minimum distance from the appliance cut-out to the side wall 150 mm.

measurements in mm

#### Gas connection





**VP 230 120**

Black anodised control panel  
in aluminium  
Width 28 cm

**Included in the price**

1 spatula

**Installation accessories**

**VV 200 010**

Stainless steel connection strip for  
combination with other Vario  
appliances of the 200 series

**VV 200 020**

Black connection strip for combination  
with other Vario appliances of the  
200 series

**Special accessories**

**VD 200 020**

Black appliance cover

**Vario Teppan Yaki 200 series**

**VP 230**

- Can be combined with the cooktops of the Vario 200 series
- Control panel for comfortable and secure operation
- Cooking directly on the metal surface, without any pots or pans
- Exact temperature control up to 240 °C
- Keep warm setting

**Cooking zones**

Usable area: 844 cm<sup>2</sup>.

**Handling**

Control knobs with illuminated ring.  
Integrated control panel.  
Electronic temperature control from  
140 °C to 240 °C.

**Features**

Heating element with 1800 W.  
Keep warm setting.  
Cleaning stage.  
Stainless steel frame seamlessly  
welded with the stainless steel surface.

**Safety**

Pre-heat and residual heat indicator.  
Operation indicator.  
Safety shut-off.

**Planning notes**

The distance from the upper edge of  
the work surface to the upper edge of  
the intermediate shelf must be at least  
150 mm.

Appliance can be snapped into the  
worktop from above.

A minimum lateral clearance of at least  
30 mm from adjacent heat-sensitive  
furniture or contact surfaces must be  
observed or thermal insulation fitted.

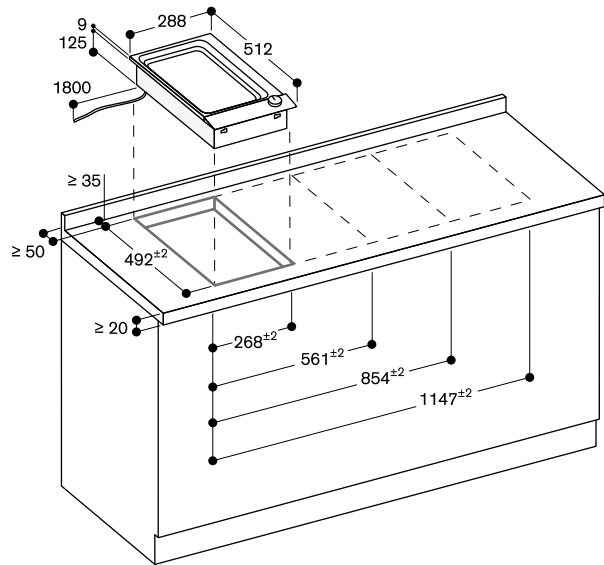
Intermediate shelf required; after  
installation, this shelf must only be  
removed using tools to guarantee the  
touch protection from below.

Appliance weight: approx. 9 kg.

Please read additional planning notes  
on page 86.

**Connection**

Total connected load 1.8 kW.  
Connecting cable 1.8 m without plug.



measurements in mm



#### VR 230 120

Black anodised control panel  
in aluminium  
Width 28 cm

#### Included in the price

- 1 grease collecting insert
- 1 cast grill
- 1 lava stone
- 1 cleaning brush

#### Installation accessories

##### VV 200 010

Stainless steel connection strip for  
combination with other Vario  
appliances of the 200 series

##### VV 200 020

Black connection strip for combination  
with other Vario appliances of the  
200 series

#### Special accessories

##### VD 200 020

Black appliance cover

#### Vario electric grill 200 series

##### VR 230

- Can be combined with the  
cooktops of the Vario 200 series
- Control panel for comfortable and  
secure operation
- 2 zones, separately controlled
- Open cast grill, lava stones

#### Handling

Control knobs with illuminated ring.  
Integrated control panel.  
9 switching levels.

#### Features

2 separately controllable swing-out  
grilling elements (1500 W).  
Join function.  
Cast grill.  
Stainless steel lavastone container  
and grease collecting insert,  
dishwasher-safe.

#### Safety

Pre-heat and residual heat indicator.  
Operation indicator.  
Safety shut-off.

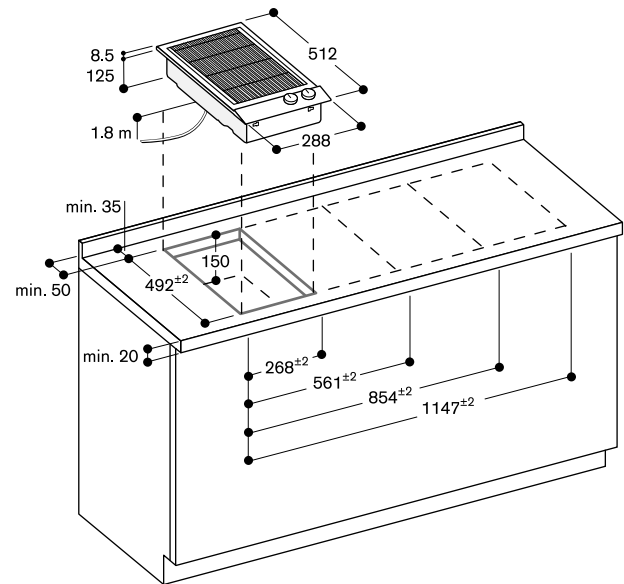
#### Planning notes

Appliance can be snapped into the  
worktop from above.  
A minimum clearance of at least  
200 mm from adjacent heat-sensitive  
furniture or contact surfaces must be  
observed or thermal insulation fitted.  
Appliance weight: approx. 17 kg.

Please read additional planning notes  
on page 86.

#### Connection

Total connected load 3.0 kW.  
Connecting cable 1.8 m without plug.





**VL 200 120**

Black anodised control panel in aluminium  
Width 15 cm  
Air extraction / Air recirculation  
Motorless

**Installation accessories**

**AD 410 040**

Flexible connecting piece for VL 200  
DN 150 flat

**AD 851 041**

Connecting piece VL 200 for extension with flat duct DN 150 for extra deep worktop

**VV 200 010**

Stainless steel connection strip for combination with other Vario appliances of the 200 series

**VV 200 020**

Black connection strip for combination with other Vario appliances of the 200 series

**Special accessories**

**LS 041 001**

Ventilation moulding for VL 200 next to gas appliance  
Stainless steel

Installation accessories for the air recirculation ducts you will find on pages 132 – 141.

**Vario downdraft ventilation 200 series VL 200**

- Can be combined with the cooktops of the Vario 200 series
- Highly efficient ventilation system at the cooktop integrated in the worktop
- Function for automatic, sensor-controlled power adjustment depending on the build-up of cooking vapours
- Minimal planning and easy installation
- Air extraction or air recirculation system

**Output**

Power levels depend on the remote fan unit, see page 104.

**Features**

Control knobs with illuminated ring.  
3 electronically controlled power levels and 1 intensive mode.  
Automatic function with sensor-controlled run-on function.  
Large-scale metal grease filter with high grease absorption.  
Grease filter, dishwasher-safe.  
Grease filter and activated charcoal filter saturation indicator.  
Airflow-optimised interior for efficient air circulation.  
Interval ventilation, 6 min.  
Enamelled ventilation grill, dishwasher-safe.  
Air exhaust bend included in delivery.  
Overflow 250 ml capacity.

**Consumption data**

Consumption data is referred to a configuration with the remote fan unit AR 403 122.  
Energy consumption 39.7 kWh/year.  
Sound level min. 58 dB / max. 73 dB normal mode.

**Planning notes**

Air recirculation mode in combination with remote fan unit with AR 410 110 or AR 413 122.  
Air extraction in combination with remote fan unit AR 403 122 or AR 401 142 (outside motor).  
Please refer to page 104, 118 – 119 for recommended configurations of downdraft ventilations and remote fan units and the needed ducting elements.  
For each VL one remote fan unit is recommended.  
Maximum cooktop width between 2 VL: 60 cm.  
If installed next to gas appliances, the ventilation moulding LS 041 001 is recommended to ensure maximum performance of the cooktop.  
When having installed the ventilation moulding LS 041 001 the wok pan WP 400 001 can not be used.

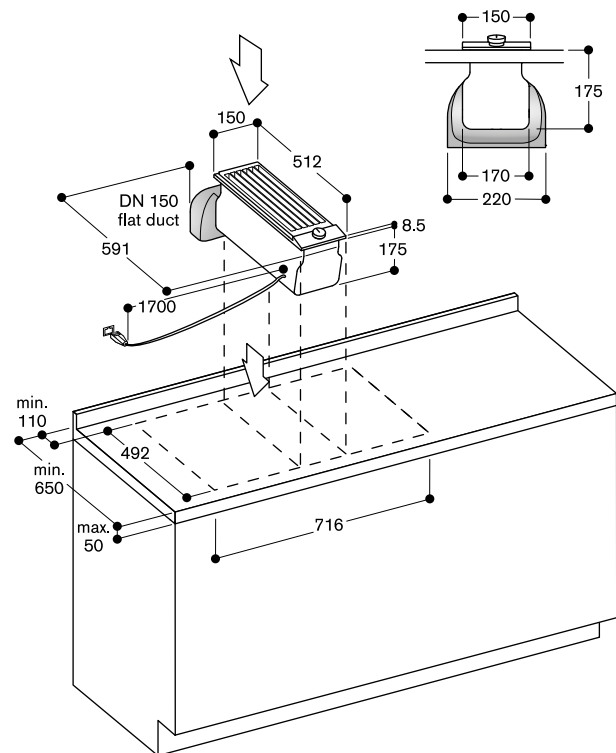
When installing a ventilation hood with air extraction mode and a chimney-vented fireplace, the power supply line of the ventilation appliance needs a suitable safety switch.

Please read additional planning notes on page 86.

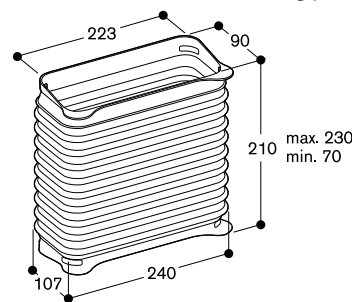
Please read the installation details regarding air ducting on page 118 – 119.

**Connection**

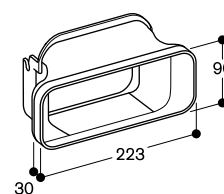
Connecting cable 1.7 m between VL and remote fan unit.



**AD 410 040: Flexible connecting piece for VL 200, DN 150 flat**



**AD 851 041: Connecting piece VL 200 for extension with flat duct DN 150 for extra deep worktop**

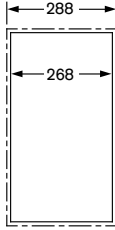


## Cut-out dimensions for cooktop combinations in the 200 series

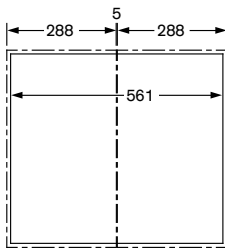
The drawings below show the cut-out dimensions for cooktop combinations of the 200 series. The technician can find the suitable cut-out dimensions for the combinations most frequently used by referring to the previous pages and the drawings below.

### Cut-out dimensions for the Vario 200 series

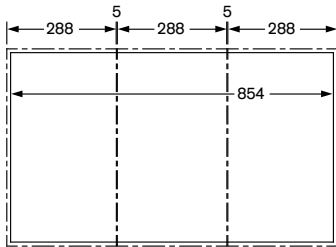
288	Appliance
- 20	Overhang
268	Cut-out



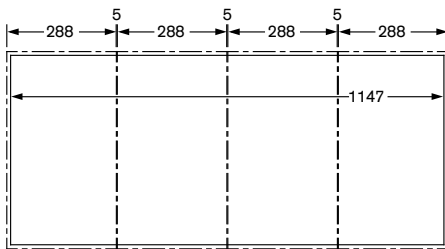
288	Appliance
5	VV 200
288	Appliance
581	
- 20	Overhang
561	Cut-out



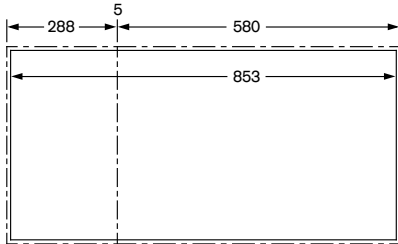
288	Appliance
5	VV 200
288	Appliance
5	VV 200
288	Appliance
874	
- 20	Overhang
854	Cut-out



288	Appliance
5	VV 200
288	Appliance
5	VV 200
288	Appliance
5	VV 200
288	Appliance
1167	
- 20	Overhang
1147	Cut-out

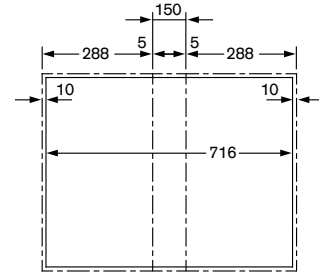


288	Appliance
5	VV 200
580	Appliance
873	
- 20	Overhang
853	Cut-out

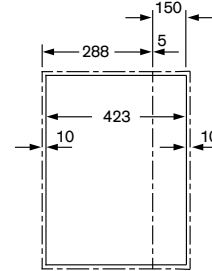


### Cut-out dimensions for the Vario 200 series with downdraft

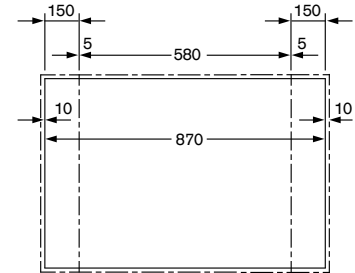
288	Appliance
5	VV 200
150	VL 200
5	VV 200
288	Appliance
736	
- 20	Overhang
(10 + 10)	
716	Cut-out



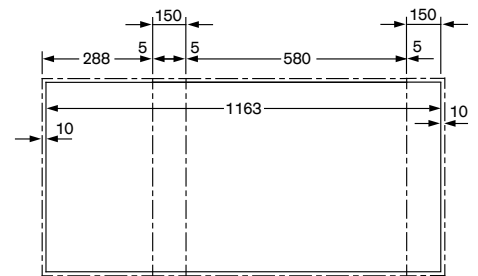
288	Appliance
5	VV 200
150	VL 200
443	
- 20	Overhang
(10 + 10)	
423	Cut-out



150	VL 200
5	VV 200
580	Appliance
5	VV 200
150	VL 200
890	
- 20	Overhang
(10 + 10)	
870	Cut-out



288	Appliance
5	VV 200
150	VL 200
5	VV 200
580	Appliance
5	VV 200
150	VL 200
1183	
- 20	Overhang
(10 + 10)	
1163	Cut-out





## Accessories and special accessories for Vario cooktops 400 series

### VA 440 010

Stainless steel appliance cover with mounting strip



### VA 461 001

Cast pan, enamelled, full size  
For Vario electric grill 400 series.  
For large quantities on one surface.



### WP 400 001

Wok pan made of multiple-layer material  
With round bottom and handle,  
ø 36 cm, 6 litres, height 10 cm.



### WZ 400 001

Wok attachment for wok pan



### GP 900 003

Stainless steel frying sensor pan  
Non-stick coating, ø 21 cm.



### GP 900 004

Stainless steel frying sensor pan  
Non-stick coating, ø 28 cm.



### AA 414 010

Air baffle for downdraft ventilation  
when installation next to gas cooktops



### VA 420 000

Connection strip for combination  
with other Vario appliances of the  
400 series for flush mounting



### VA 420 001

Connection strip for combination  
with other Vario appliances of the  
400 series for flush mounting with  
appliance cover/filler strip



### VA 420 010

Connection strip for combination  
with other Vario appliances of the  
400 series for surface mounting



### VA 420 011

Connection strip for combination  
with other Vario appliances of the  
400 series for surface mounting  
with appliance cover/filler strip



### VA 450 110

Adjustment strip if one cooktop  
adjacent has a lid



### VA 450 400

Stainless steel filler strip 38 cm  
Necessary accessory for combination  
of several Vario appliances of the  
400 series with at least one appliance  
cover to compensate the appliance  
depth.



### VA 450 401

Stainless steel filler strip 38 cm  
Necessary accessory for combination  
of several Vario appliances of the  
400 series with at least one appliance  
cover to compensate the appliance  
depth.



### VA 450 600

Stainless steel filler strip 60 cm  
Necessary accessory for combination  
of several Vario appliances of the  
400 series with at least one appliance  
cover to compensate the appliance  
depth.



### VA 450 800

Stainless steel filler strip 80 cm  
Necessary accessory for combination  
of several Vario appliances of the  
400 series with at least one appliance  
cover to compensate the appliance  
depth.



### AD 724 042

Connection piece for round pipe  
DN 150

For VL 414

For installation to left or right side of  
VL additional adapter AD 724 041 is  
necessary.



### AD 724 041

Round duct connection  
additional adaptor for  
VL 414 on the side

Metal zinc plated  
DN 150 round

One piece needed for each VL 414  
to be connected to round ducts  
DN 150 to the left/right.



### AD 854 046

Flat duct system with conducting fins  
Connection piece VL 414 for DN 150  
flat rectangular

Allows for long duct runs with highest  
efficiency due to soft duct shape and  
conducting fins within the duct bends  
Compact installation height even with  
DN 150 allows integration in floor  
constructions





## Accessories and special accessories for Vario cooktops 200 series

**VD 200 020**

Black appliance cover

**LS 041 001**

Air baffle for VL 200 next to gas appliance

**VV 200 010**

Stainless steel connection strip for combination with other Vario appliances of the 200 series.

**VV 200 020**

Black connection strip for combination with other Vario appliances of the 200 series.

**WP 400 001**

Wok pan made of multiple-layer material

With round bottom and handle, ø36 cm, 6 litres, height 10 cm.

**WZ 400 001**

Wok attachment for wok pan

**GP 900 003**Stainless steel frying sensor pan  
Non-stick coating, ø21 cm.**AD 410 040**Flexible connecting piece for VL 200  
DN 150 flat**AD 851 041**Connecting piece VL 200 for extension  
with flat duct DN 150 for extra deep  
worktop



## The cooktops

Gas cooktops	92
Induction cooktops	94
Installation notes for induction cooktops	100
Accessories   special accessories	101



#### VG 295 220 AU

Black anodised control panel  
in aluminium  
Width 90 cm

#### Included in the price

1 wok attachment ring

#### Special accessories

##### WP 400 001

Wok pan made of multiple-layer material  
With round bottom and handle,  $\varnothing 36$  cm,  
6 litres, height 10 cm.

#### Gas cooktop 200 series

##### VG 295

- 18 MJ/h wok burner
- Control panel for comfortable and secure operation
- Mechanical power level regulation for 9 power levels, with exact setting and reproduction of flame size
- Multi-ring burner of solid, heat-resistant brass as used in professional kitchen
- Solid smooth-surface cast iron pan supports

#### Cooking zones

- 1 multi-ring wok burner  
18 MJ/h, suitable for pots up to max.  $\varnothing 32$  cm.
- 2 two-ring high output burners  
14.4 MJ/h, suitable for pots up to max.  $\varnothing 28$  cm.
- 2 two-ring standard burners  
7.2 MJ/h, suitable for pots up to max.  $\varnothing 24$  cm.

#### Handling

Control knobs with illuminated ring.  
Integrated control panel.  
One-handed operation.  
Electric ignition.

#### Features

Three-part cast iron pan support with flat, continuous pot surface.  
Brass burner rings.

#### Safety

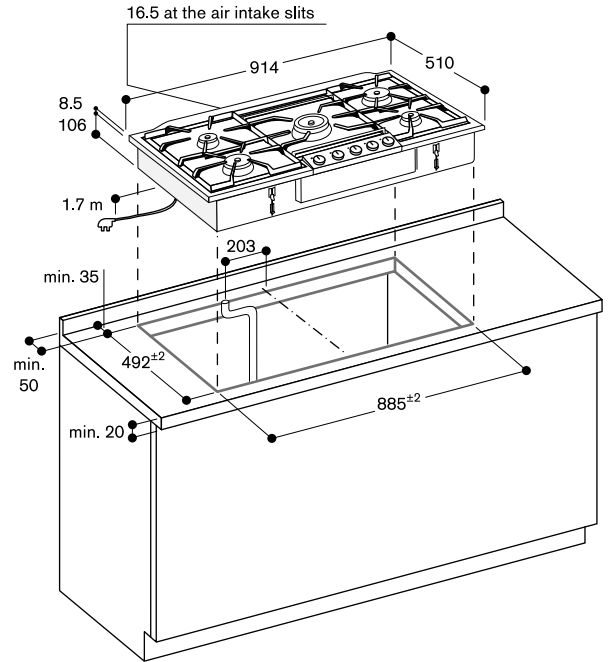
Thermoelectric safety pilot.  
Residual heat indicator.  
Operation indicator.

#### Planning notes

Appliance can be snapped into the worktop from above.  
Rear panel and wall trims must be heat-resistant and consist of a non-flammable material.  
Installation in a 90 cm wide lower cabinet is required.  
A minimum lateral clearance of at least 300 mm from adjacent heat-sensitive furniture or contact surfaces must be observed or thermal insulation fitted.  
With a total connected load of more than 39.6 MJ/h local regulations concerning room ventilation, room size and combination of extraction or recirculation hoods must be observed.  
Minimum clearance between gas cooktop(s) with more than 39.6 MJ/h (11 kW) and ventilation hood is 70 cm.  
For details on this appliance, please refer to installation manual.  
No intermediate shelf required.  
Appliance weight: approx. 29 kg.

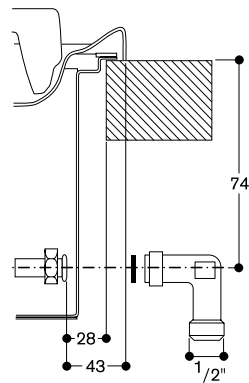
#### Connection

Suitable for natural gas and LPG connection, LPG conversion kit available upon request.  
Total connected load gas 61.2 MJ/h.  
Total connected load electric 10.0 W.  
Connecting cable 1.7 m with plug.



Minimum distance from the appliance cut-out to the side wall 300 mm.

#### Gas connection





▲ Commercial exclusive model, minimum order quantity applies

#### CG 261 210 AU

Stainless steel  
Width 60 cm

#### Included in the price

1 cross support for espresso  
1 wok attachment ring

#### Special accessories

##### WP 400 001

Wok pan made of multiple-layer material  
With round bottom and handle,  
ø36 cm, 6 litres, height 10 cm.

#### Gas cooktop 200 series

##### CG 261

- 15 MJ/h wok burner
- Mechanical power level regulation for 9 power levels, with exact setting and reproduction of flame size
- Diamond-shaped arrangement

#### Cooking zones

1 multi-ring wok burner 15 MJ/h.  
1 high output burner 11 MJ/h, suitable for pots up to max. ø 26 cm.  
1 standard burner 6.85 MJ/h, suitable for pots up to max. ø 20 cm.  
1 economy burner 4 MJ/h, suitable for pots up to max. ø 16 cm.

#### Handling

Control knobs with cooking zone and output level markings for 9 levels.  
One-handed operation.  
Electric ignition.

#### Features

Two-part cast iron pan support with continuous pot surface.  
Enamelled burner cover.

#### Safety

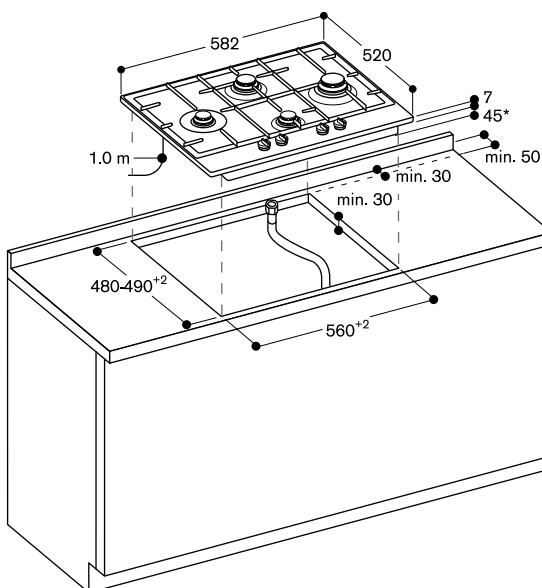
Thermoelectric safety pilot.

#### Planning notes

The cooktop can be surface-mounted.  
Special nozzles can be ordered as spare parts.  
Installation in a 56 cm standard niche.  
Air intake from above.  
Intermediate shelf is recommended.  
Allow for a gas connection when planning drawer depth.  
Appliance must be fixed from underneath.  
A minimum clearance of at least 100 mm from adjacent heat-sensitive furniture or contact surfaces must be observed or thermal insulation fitted.  
Minimum clearance between gas cooktop(s) with more than 39.6 MJ/h (11 kW) and ventilation hood is 70 cm.  
For details on this appliance, please refer to installation manual.  
Appliance weight: approx. 18 kg.

#### Connection

Total connected load gas 36.85 MJ/h.  
Connecting cable 1.0 m with plug.



\* 56 mm in the area of the gas connection at the back right



---

**CX 482 100**

Frameless  
Width 80 cm

---

**Included in the price**

1 Cooking sensor for temperature regulation

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**Special accessories****CA 060 300**

Cooking sensor for temperature regulation within pots  
For flex induction cooktop.

---

**GN 232 110**

Teppan Yaki plate made of multi ply material,  
GN 1/1  
For full surface induction cooktops.

---

---

**Full surface induction cooktop  
400 series**

**CX 482**

---

- One single large cooking surface
- Free positioning of cookware
- All sizes and formats of cookware can be used
- TFT touch display for an intuitive control of all functions
- Cooking sensor function for temperature control in pots
- Professional cooking function
- Max. power output for big cookware of up to 5.5 kW
- Frameless for flush mounting

**Cooking zones**

Up to 5 items of cookware can be placed simultaneously on the cooktop. One unique cooking surface of 2750 cm<sup>2</sup>.

**Handling**

Easy to use colour graphic TFT touch display with use indications.  
Electronic power control in 17 output levels.

**Features**

Cooking sensor function.  
Professional cooking function.  
Dynamic cooking function.  
Teppan Yaki function.  
Booster function for pots.  
Booster function for pans.  
Keep warm function.  
Individual pot detection.  
Cooking timer for each cooking position.  
Stopwatch.  
Short-term timer.  
Information key with use indicators.  
Power management.  
Includes cooking sensor CA060300 for temperature regulation.

**Safety**

Main switch.  
3-stage residual heat indicator.  
Child lock.  
Safety shut-off.  
Pause function.

**Planning notes**

Appliance must be fixed from underneath.  
The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable substructures. Take into account the appliance weight and additional loads. Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer. The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining.

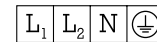
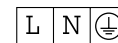
Joint width may vary due to dimensional tolerances of the glass ceramic cooktop and the worktop cut-out.

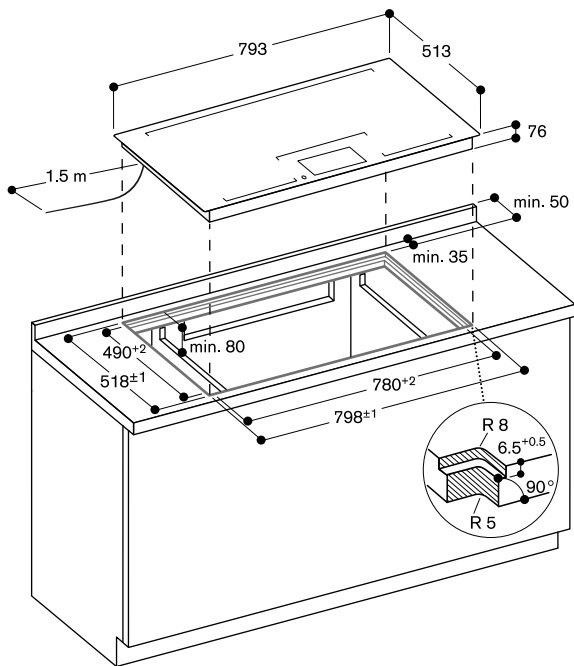
Operates with magnetic (induction) iron pots and pans only. For an optimal heat distribution, the use of sandwich bottom cookware is recommended. The wok pan WP 400 001 cannot be used with this appliance. Appliance can be snapped into the worktop from above. Appliance weight: approx. 27 kg.

Please read the installation details regarding air ducting on page 100.

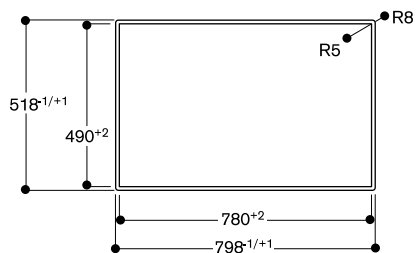
**Connection**

Total connected load 7.4 kW.  
Power consumption stand by (display off) 0.5 W  
Connecting cable 1.5 m without plug.

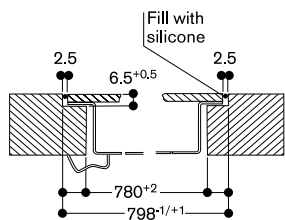




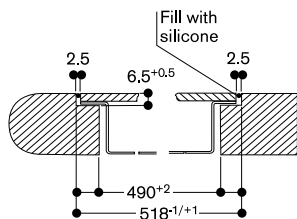
View from above



Longitudinal section



Cross-section





#### CX 482 110

Stainless steel frame  
Width 80 cm

#### Included in the price

1 Cooking sensor for temperature regulation

#### Installation accessories

##### VA 420 000

Connection strip for combination with other Vario appliances of the 400 series for flush mounting

##### VA 420 001

Connection strip for combination with other Vario appliances of the 400 series for flush mounting with appliance cover/filler strip

##### VA 420 010

Connection strip for combination with other Vario appliances of the 400 series for surface mounting

##### VA 420 011

Connection strip for combination with other Vario appliances of the 400 series for surface mounting with appliance cover/filler strip

##### VA 450 800

Stainless steel filler strip 80 cm  
Necessary accessory for combination of several Vario appliances of the 400 series with at least one appliance cover to compensate the appliance depth.

#### Special accessories

##### CA 060 300

Cooking sensor for temperature regulation within pots  
For flex induction cooktop.

##### GN 232 110

Teppan Yaki plate made of multi ply material,  
GN 1/1  
For full surface induction cooktops.

#### Full surface induction cooktop 400 series

##### CX 482

- Can be combined perfectly with other Vario appliances of the 400 series
- One single large cooking surface
- Free positioning of cookware
- All sizes and formats of cookware can be used
- TFT touch display for an intuitive control of all functions
- Cooking sensor function for temperature control in pots
- Professional cooking functions
- Max. power output for big cookware of up to 5.5 kW
- Precision crafted 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting

#### Cooking zones

Up to 5 items of cookware can be placed simultaneously on the cooktop. One unique cooking surface of 2750 cm<sup>2</sup>.

#### Handling

Easy to use colour graphic TFT touch display with use indications.  
Electronic power control in 17 output levels.

#### Features

Cooking sensor function.  
Professional cooking function.  
Dynamic cooking function.  
Teppan Yaki function.  
Booster function for pots.  
Booster function for pans.  
Keep warm function.  
Individual pot detection.  
Cooking timer for each cooking position.  
Stopwatch.  
Short-term timer.  
Information key with use indicators.  
Power management.  
Includes cooking sensor CA060300 for temperature regulation.

#### Safety

Main switch.  
3-stage residual heat indicator.  
Child lock.  
Safety shut-off.  
Pause function.

#### Planning notes

Depending on the type of installation (surface-mounted or flush-mounted), the specific definition of the cut-out must be observed.

Appliance can be snapped into the worktop from above.

If combining several appliances with at least one appliance cover, the filler strip VA 450 is required to compensate for the depth of the appliance without the appliance cover.

If combining several Vario appliances of the 400 series, a connection strip VA 420 must be placed between the appliances. Depending on the type of installation, the corresponding connection strip must be provided. In the cut-out, the installation system requires the side edge to be at least 10 mm for surface mounting and at least 13 mm for flush mounting. Ensure a continuous cut surface of 90°.

The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable substructures. Take into account the appliance weight and additional loads. Additional instructions for flush mounting:

Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer. The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining. The joint width may vary due to size tolerances of the combinations and of the worktop cut-out.

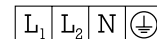
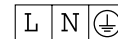
Please read additional planning notes on page 72–77.

If installing several appliances in individual cut-outs allow for a division bar of minimum 50 mm between the individual cut-outs. Operates with magnetic (induction) iron pots and pans only. For an optimal heat distribution, the use of sandwich bottom cookware is recommended. The wok pan WP 400 001 cannot be used with this appliance. Appliance weight: approx. 27 kg.

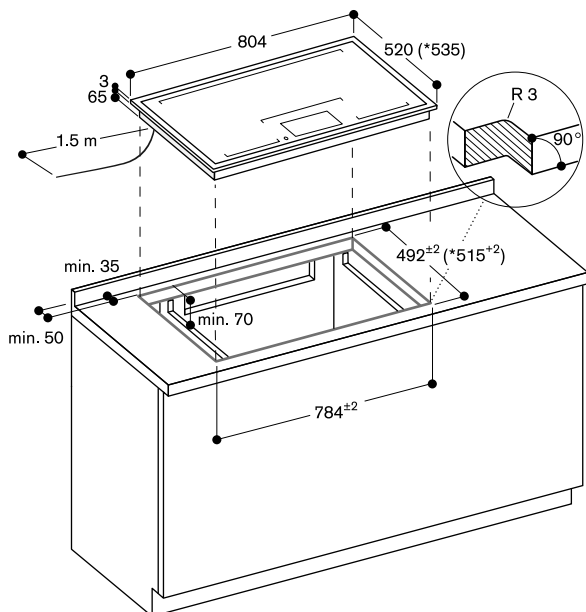
Please read the installation details regarding air ducting on page 100.

#### Connection

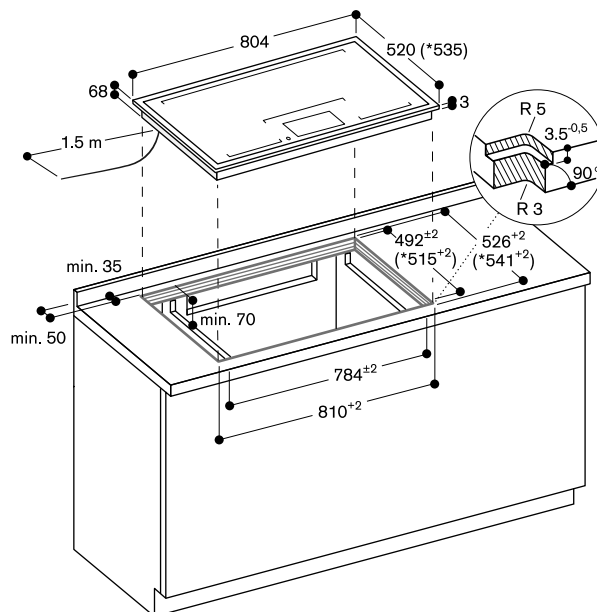
Total connected load 7.4 kW.  
Power consumption stand by (display off) 0.5 W  
Connecting cable 1.5 m without plug.





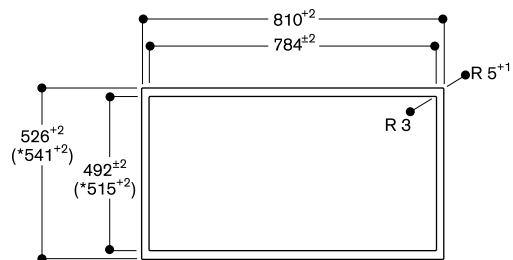


\* with filler strip  
See separate planning notes.



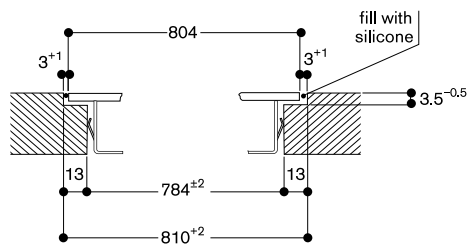
\* with filler strip  
See separate planning notes.

View from above

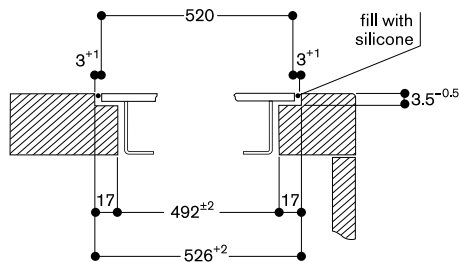


\* with filler strip.

Longitudinal section



Cross-section



When installing with appliance cover or filler strip, pay attention to the deeper cut-out and the front and rear groove width.



#### CI 292 111

Stainless steel frame  
Width 90 cm

#### Special accessories

##### CA 051 300

Teppan Yaki plate made of multi ply material  
For flex induction cooktop.

##### CA 052 300

Griddle plate in cast aluminium  
Non-stick.

For flex induction cooktop.

##### CA 060 300

Cooking sensor for temperature regulation within pots  
For flex induction cooktop.

##### CA 230 100

Black magnetic knob for induction cooktop 200 series  
Stainless steel knob with black coating.

##### GP 900 003

Stainless steel frying sensor pan  
Non-stick coating, ø 21 cm.

##### GP 900 004

Stainless steel frying sensor pan  
Non-stick coating, ø 28 cm.

### Flex induction cooktop 200 series

#### CI 292

- Sturdy stainless steel frame
- Flex function for combining the rectangular cooking areas
- Free positioning of cookware inside combined cooking areas
- Professional cooking function for splitting the cooktop into 3 predefined heat areas
- Cooking sensor function for temperature control in pots
- Frying sensor function for temperature control in pans
- Large cooking zone for pots up to ø 32 cm
- Twist-Pad control with removable magnetic knob
- Easy control of all functions with bicoloured display

#### Cooking zones

2x flex induction cooking areas  
19x23 cm (2200 W, with booster 3700 W), linked together 38x23 cm (3300 W, with booster 3700 W).  
1 induction cooking zone ø 21 cm (2200 W, with booster 3700 W), automatically switches to ø 26 cm (2600 W, with booster 3700 W) and to ø 32 cm (3300 W, with booster 3700 W).

#### Handling

Twist-Pad control with removable magnetic knob.  
User friendly control with bicoloured display (white / orange).  
Cooking zone and cooking area marking.  
Electronic power control in 17 output levels.

#### Features

Flex function for rectangular cooking areas.  
Professional cooking function.  
Cooking sensor function (in use with cooking sensor CA 060 300, available as special accessory).  
Frying sensor function.  
Booster function for pots.  
Booster function for pans.  
Pot detection.  
Keep warm function.  
Stopwatch.  
Cooking timer for up to 99 minutes.  
Short-term timer.  
Options menu.  
Power management.

#### Safety

Main switch.  
Operation indicator.  
2-stage residual heat indicator.  
Child lock.  
Safety shut-off.

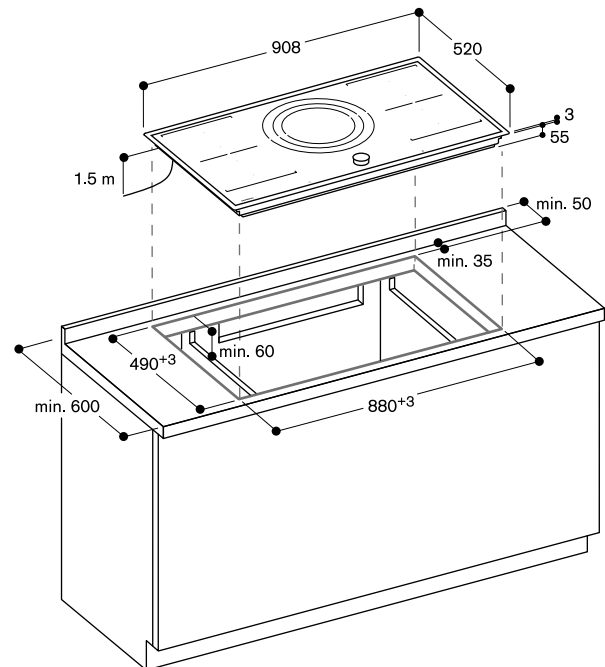
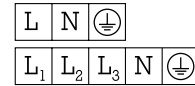
#### Planning notes

Operates with magnetic (induction) iron pots and pans only. For an optimal heat distribution, the use of sandwich bottom cookware is recommended. The wok pan WP 400 001 cannot be used with this appliance. Intermediate shelf is recommended. Appliance must be fixed from underneath. Appliance weight: approx. 21 kg.

Please read additional planning notes on page 100.

#### Connection

Total connected load 11.1 kW.  
Connecting cable 1.5 m without plug.  
Power consumption standby/display off 0.5 W.  
Power consumption standby/network 2.0 W.





# Installation notes for induction cooktops

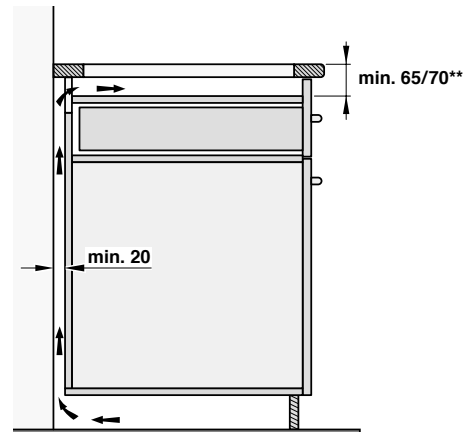
Applies to CX 482, CI 292, VI 462/422/414, VI 262/232.

## Intake air ducting

Induction cooktops have a cooling fan to protect the appliance's electronics from overheating. In the case of insufficient air circulation in the cabinet, the appliance's output will be reduced to prevent electronic damage.

## A Air duct behind a cabinet or built-in oven

An open cross-section of a minimum of 20 mm is needed across the full width and full height of the cabinet. Cabinets with a closed bottom also need a respective cross-section in the air duct area.

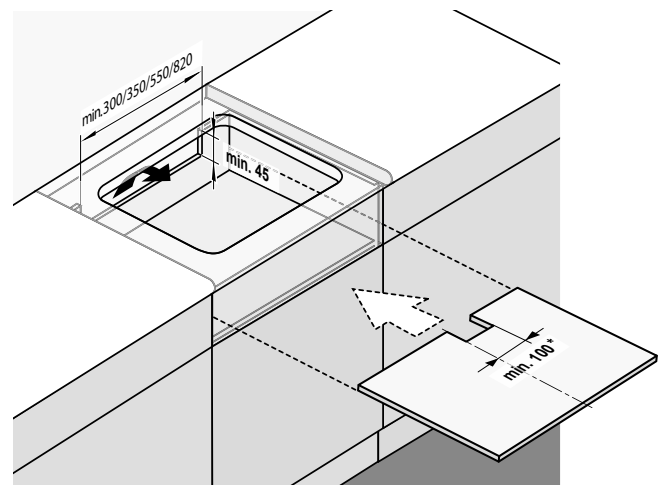


## B Intake through the cabinet's back wall

In the cabinet's back wall, plan a recess of at least 45 mm in height from the worktop's bottom edge.

The minimum width is

- 300 mm for a 30 cm induction cooktop
- 350 mm for a 40 cm induction cooktop
- 550 mm for a Vario cooktop or a 60 cm to 80 cm induction cooktop
- 820 mm for a 90 cm induction cooktop



## Intermediate shelf

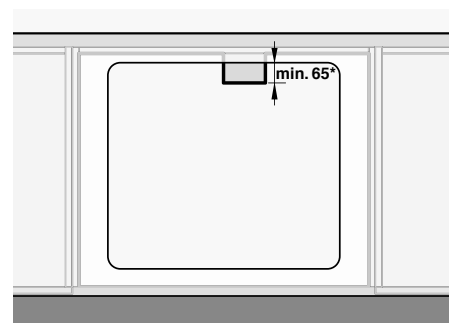
The use of an intermediate shelf is recommended for cooktops with 90 cm width.

Width of cut-out at least

- 100 mm for a 60 to 80 cm induction cooktop

\* does not apply to 90 cm cooktops

\*\* min. 65 mm for cooktops with frame as well as VI 462 for surface mounting and min. 70 mm for cooktops without frame, for CX 482 with frame as well as for VI 462 for flush mounting.



## Combination with other appliances

Installation above dishwasher or washing machine is not permitted.

## Combination with AL 400

In addition to the measures mentioned above, the following unobstructed cross sections must be planned between the cabinet and the AL 400 to allow for proper intake and exhaust air circulation for the induction cooktop.

## A In front of the air duct

20 mm distance between the back side of drawers, an oven or the cabinet's interior wall.

## B Adjacent to the air duct

The resulting gap between the air duct and the cabinet's side wall needs to remain open.

## C At the housing's rear edge

The resulting cross section between the housing and the wall, as well as between the housing and the floor, must remain open.

## Accessories and special accessories for cooktops

**GN 232 110**

Teppan Yaki plate made of multi ply material,  
GN 1/1  
For full surface induction cooktop.

**CA 051 300**

Teppan Yaki plate made of multi ply material  
For flex induction cooktops.

**CA 052 300**

Griddle plate in cast aluminium  
Non-stick.  
For flex induction cooktops.

**GP 900 003**

Stainless steel frying sensor pan  
Non-stick coating, ø21 cm.

**GP 900 004**

Stainless steel frying sensor pan  
Non-stick coating, ø28 cm.

**WP 400 001**

Wok pan made of multiple-layer material  
With round bottom and handle,  
ø36 cm, 6 litres, height 10 cm.

**WZ 400 001**

Wok attachment for wok pan

**CA 060 300**

Cooking sensor for temperature regulation within pots.

**CA 230 100**

Black magnetic knob for induction cooktop 200 series.  
Stainless steel knob with black coating.

**VA 420 000**

Connection strip for combination with other Vario appliances of the 400 series for flush mounting

**VA 420 001**

Connection strip for combination with other Vario appliances of the 400 series for flush mounting with appliance cover/filler strip

**VA 420 010**

Connection strip for combination with other Vario appliances of the 400 series for surface mounting

**VA 420 011**

Connection strip for combination with other Vario appliances of the 400 series for surface mounting with appliance cover/filler strip

**VA 450 800**

Stainless steel filler strip 80 cm  
Necessary accessory for combination of several Vario appliances of the 400 series with at least one appliance cover to compensate the appliance depth.















## The ventilation appliances

Checklist for the modular ventilation appliances 400 and 200 series	104
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Recommended configurations for vario downdraft ventilation 400 series	114
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# Checklist for the modular ventilation appliances 400 and 200 series

Configurations maximum extraction values

	Air extraction		Air recirculation	
 Telescopic table ventilation 400 series AL 400 191 AL 400 121	 AR 401 142 770 m³/h 840 m³/h	 AR 403 122 750 m³/h 820 m³/h	 AR 413 122 660 m³/h 700 m³/h	
 Vario downdraft ventilation 400 series VL 414 111	 AR 401 142 650 m³/h	 AR 403 122 630 m³/h	 AR 413 122 640 m³/h	 AR 410 110 560 m³/h
 Vario downdraft ventilation 200 series VL 200 120	 AR 401 142 720 m³/h	 AR 403 122 750 m³/h	 AR 413 122 670 m³/h	 AR 410 110 600 m³/h

Please see pages 120 – 123 for detailed fan unit specifications.

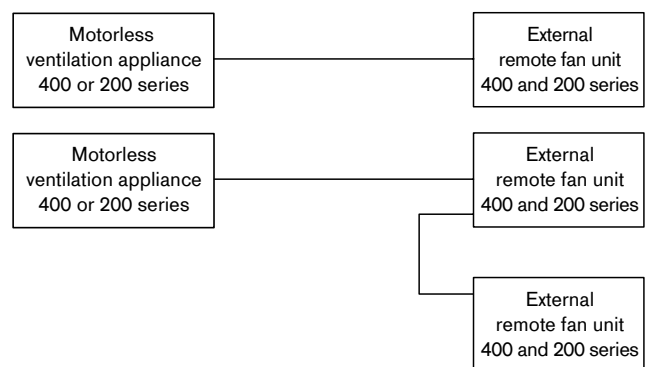
The external remote fan units of the 400 and 200 series have a network cable that is used to connect the motorless appliances of the 400 and 200 series. Up to two remote fan units can be connected (e.g. with ceiling ventilation), whereby an additional network cable is connected from one remote fan unit to the other remote fan unit.

### Other control options

It is possible on request to connect the signal via a zero potential contact to a ventilation appliance at the site so that this appliance can respond accordingly to activity on the part of Gaggenau's 400 and 200 series ventilation appliances.

The respective ventilation planner is then responsible for the effective operation of the entire ventilation system.

The guarantee of electrical function is maintained as long as the respective specifications are observed.





## General planning notes

The aim of good ventilation system planning is to extract cooking vapours out of the kitchen area as completely and quickly as possible. To help you plan and install your system correctly, here are a few important notes on system planning from our ventilation experts.

The planning of a ventilation system is significantly determined by the air requirement and air output. The air requirement must be contrasted with the corresponding air output that a ventilation appliance can produce, while taking account of the influence of all the ventilation components involved.

### Air requirement needed:

Please observe the local applicable building regulations when configuring ventilation solutions. The air output of a complete ventilation system must be designed according to the air requirement needed. For this, the size of the kitchen and a corresponding air change rate for the volume of space are often used as the basis for planning. We recommend this method only if the distance between the ventilation system and the cooktop is greater than 1.20 m, that is to say, for ceiling ventilation.

- For air extraction operation, the air requirement for the air exchange rate is calculated using a factor of 10.
- However, the calculation is made using a factor of 12 in kitchens where special cooking appliances such as the electric grill, Teppan Yaki or wok are used.
- For air recirculation, the air requirement for the air exchange rate is generally calculated using a factor of 12.

If the distance between the ventilation system and the cooktop is less than 1.20 metres, the factors listed below must be taken into account to ensure that most of the cooking vapours are trapped as soon as they rise from the cooktop:

- **The size and architecture of the kitchen:** As the size of the room increases, the movements of air in the room also increase and, as a result, the air requirement becomes greater.
- **The cooking appliances:** The choice of cooktop is the decisive influencing factor. Every cooktop produces different types and amounts of cooking vapours. The wider the cooktop, the higher the output of the ventilation system should be. Above all, the ventilation system must have a sufficient reserve capacity, if special Vario cooking appliances, such as a Teppan Yaki, wok or electric grill, are to be installed, because such appliances can be expected to produce a higher amount of cooking vapours. We therefore also recommend that these special cooking appliances are installed, if possible, in the centre of the cooktop configuration and not at the edge.
- **The type of ventilation system:** Every type of ventilation system has particular characteristics which influence the air requirement needed. Ventilation systems, such as downdraft ventilation and table ventilation, are characterised by extracting vapours directly from the cooktop. As they rise up, the cooking vapours can therefore not spread as far in the ambient air. In this case, the air output required is usually less than for those types of ventilation system that are 80 cm or further away from the cooktop.
- **The operation mode:** All Gaggenau ventilation systems can be operated both in exhaust air mode and air recirculation mode. It should be noted that, in air recirculation mode, the additional activated charcoal air filter leads to a reduction in air output in comparison to exhaust air mode. The larger the surface of the activated charcoal air filter, the more the ventilation system bears comparison in its extraction and noise behaviour with an exhaust air solution. In air extraction mode, the actual air output depends not only on the fan output, but also significantly on the duct system.

### Important influencing factors on the air output:

- The fans: Gaggenau ventilation systems are equipped with particularly powerful fans, or they can be combined with correspondingly powerful remote fan units for exhaust air or air recirculation mode. These fans are also very pressure-stable. They overcome possible pressure losses caused by a ducting system and work highly effectively at a low noise level.
- Ducting and installation: To achieve optimum results, the following points should be observed during installation:
  1. Install duct bends with a minimum clearance of 30 cm from the exhaust air opening.
  2. Avoid reductions in cross sections.
  3. For duct bends, use bends that are as wide as possible.
  4. Only install ducts that have a smooth and flat inner surface.
  5. Use exhaust air pipes with a diameter of at least 125 mm.
  6. Pay attention to the use of a short ducting paths as possible.
  7. Fit wall outlets that have wide fins, wide-meshed grills and a low back-pressure.
  8. Ensure sufficient supply air.



#### AL 400 121

Stainless steel  
Width 120 cm  
Air extraction / Air recirculation  
Motorless

#### AL 400 191

Stainless steel  
Width 90 cm  
Air extraction / Air recirculation  
Motorless

#### Necessary installation accessories

##### AD 754 045

Connection piece for 2 aluflex pipes  
DN 150 round  
Fitting AL 400, front or back side.

##### AD 854 043

Connecting piece for 2 flat ducts  
DN 150  
Fitting AL 400, bottom side.

##### AD 854 045

Connecting piece for 2 flat ducts  
DN 150  
Fitting AL 400, front or back side.

#### Installation accessories

##### AA 010 410

Air exhaust grill air recirculation  
Stainless steel-coloured, 90 cm,  
including installation fittings, height  
adjustable.

##### AA 409 401

Furniture support for table ventilation  
AL 400 90 cm  
Can be combined with table ventilation  
AL 400.

Recommended as bearer for the  
worktop, instead of a cabinet frame.

##### AA 409 431

Furniture support for table ventilation  
AL 400 120 cm  
Can be combined with table ventilation  
AL 400.

Recommended as bearer for the  
worktop, instead of a cabinet frame.

##### AD 704 048

Air collector box DN 150 round pipe  
2x DN 150 round duct air intake.  
For connecting 1 x AL 400 to  
AR 403/AR 413

##### AD 704 049

Air collector box DN 150 flat duct  
2 x DN 150 flat duct air intake.  
To connect 1 x AL 400 to remote fan  
AR 403/AR 413 bottom side.

Installation accessories for the air  
recirculation ducts you will find on  
pages 132 – 141.

#### Table ventilation 400 series

##### AL 400

- Extendable table ventilation, when not in use can be completely lowered into the worktop
- Can be combined perfectly with other Vario appliances of the 400 series
- Dimmable, neutral white surface LED light for ideal illumination of the whole cooktop
- Precision crafted 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting
- Motorless, can be combined with Gaggenau BLDC remote fan units

#### Output

Power levels depend on the remote fan unit, see page 104.

#### Features

3 electronically controlled power levels and 1 intensive mode.  
Interval ventilation, 6 min.  
Run-on function, 6 min.  
Grease filter saturation indicator.  
Cartridge-type filter, dishwasher-safe.  
Neutral white surface LED light (3600 K), continuously dimmable.  
Lamp output 4x5 W.  
Illuminance 191 lx.  
Spare covers for closing air outlets.  
No connecting piece included.

#### Consumption data

Consumption data is referred to a configuration AL 400 121/AL 400 191 with the remote fan unit AR 401 142.  
Energy consumption 42.6/45.5 kWh/year.  
Sound level min. 44/45 dB / max. 59/61 dB normal mode.

#### Planning notes

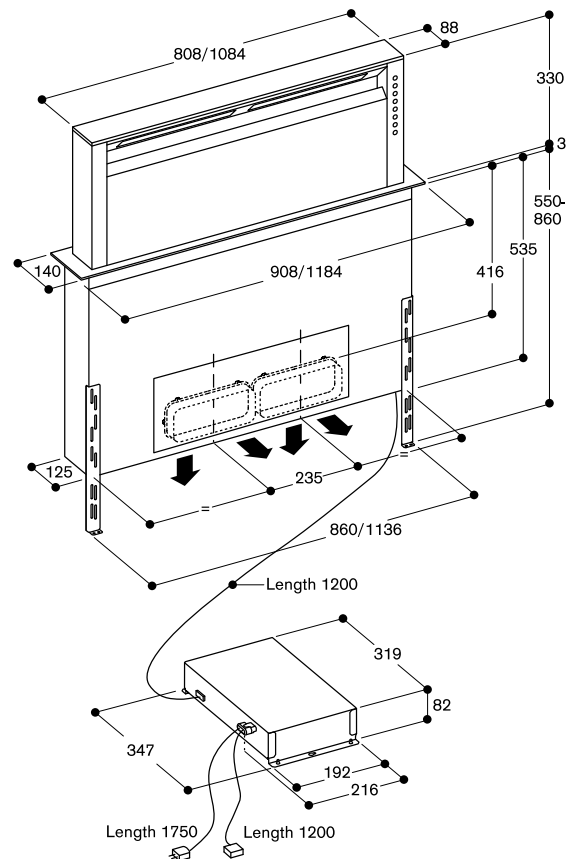
Refer to the table on page 104 for the matching remote fan units for air recirculation or air extraction mode.  
Secure the control unit to the side panel of the cabinet, not to the base of the cabinet or the kitchen floor.  
Connection to the respective appliances via network cable.  
AL 400 121 (AL 400 191)  
For operation with 4 (3) Vario 200 series cooktops, 3 (2) Vario 400 series cooktops or a cooktop configuration of up to 120 cm (92 cm) wide.  
Operation of Vario cooking appliances only possible without appliance cover.  
Max. output of cooktops 18 kW.  
Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer.  
The remaining surface of the worktop (min. 50 mm) between the cut-outs must be reinforced with a support. It is recommended to use furniture support AA 409 401/431.  
Ovens that do not exceed the maximum allowed cabinet temperature can be combined with the table ventilation if built-in situation permits.  
To avoid smoke when frying/grilling refer to the manuals of VR/VP.

When installing a ventilation hood with air extraction mode and a chimney-vented fireplace, the power supply line of the ventilation appliance needs a suitable safety switch.

Please read additional planning notes on page 108 – 109.

#### Connection

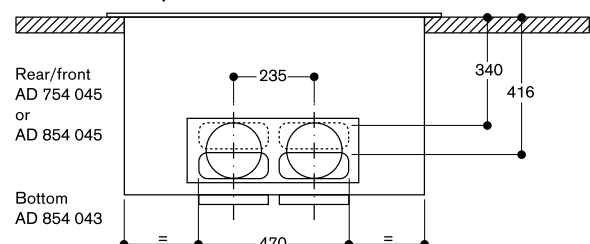
Total connected load 65 W  
Connecting cable 1.7 m, with plug.  
Network cable 1.2 m.



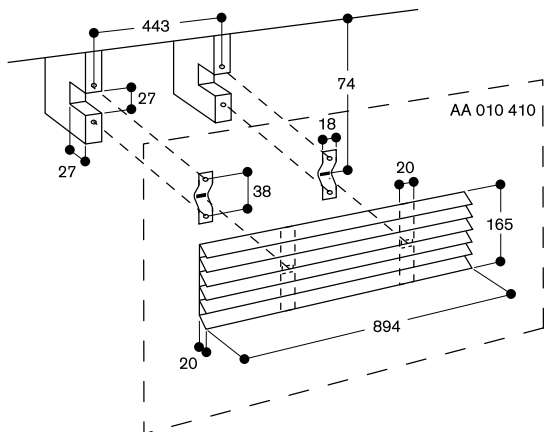
Pipe connection piece 2 x DN 150 front/rear  
Flat duct using AD 854 045  
Round duct using AD 754 045

Pipe connection piece 2 x DN 150 bottom  
Flat duct using AD 854 043

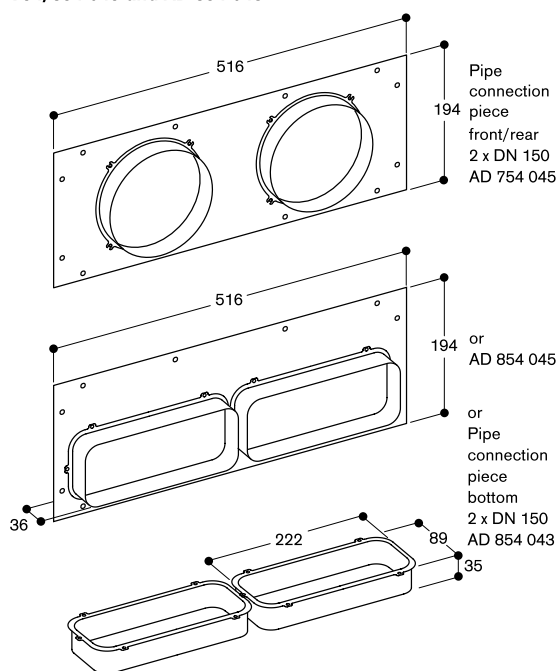
#### AL 400 connection positions DN 150



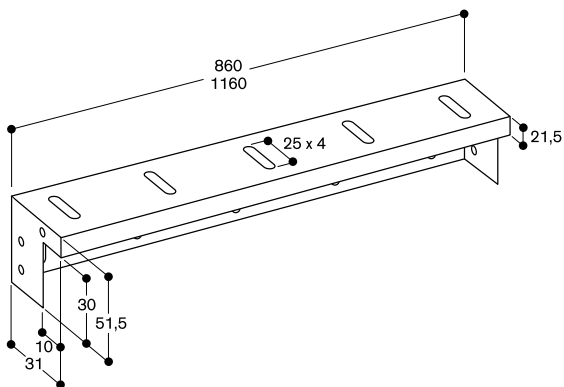
AA 010 410 air exhaust grille



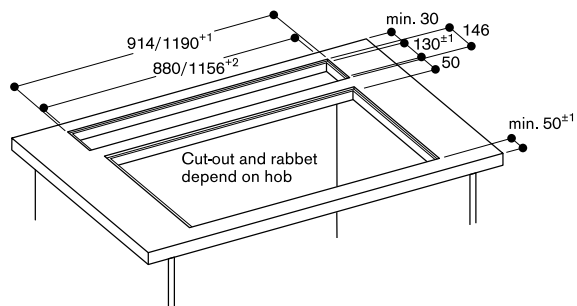
AD 754/854 045 and AD 854 043



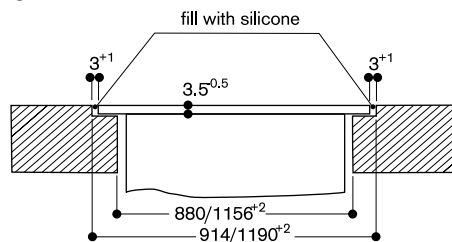
AA 409 401/431 furniture support



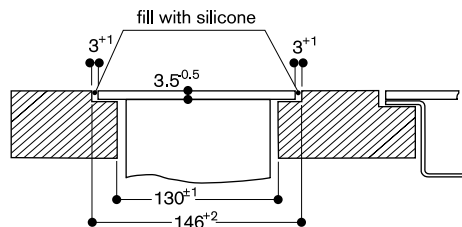
AL 400 installed flush



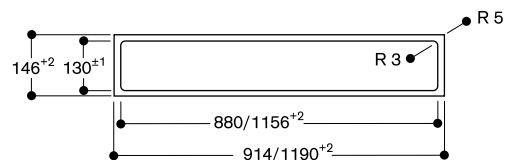
Longitudinal section



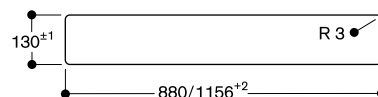
Cross-section



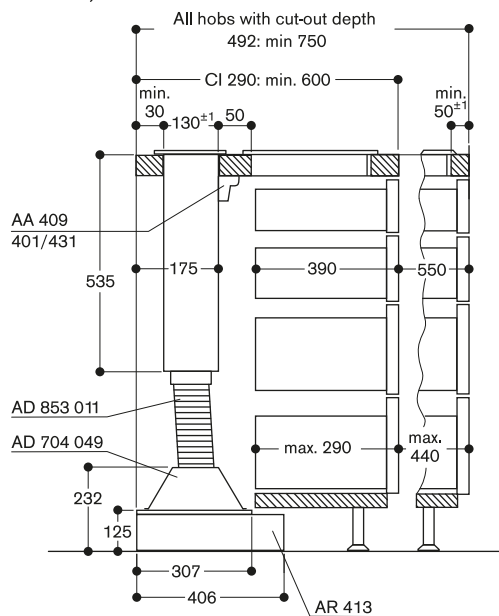
AL 400 cut-out flush-mounted



AL 400 cut-out for surface mounting



Cross-section of upper cabinet for AL 400 (without back wall) with AR 413; connection at the bottom



# Recommended configurations for table ventilations 400 series and remote fan units

## Good to know – for correct planning and installation

- The ducting can essentially be connected to the front, rear or below with the AL 400 table ventilation. The respective connecting pieces are available for this purpose.
- Plastic ducts can be used for installation behind a gas appliance. The maximum permitted performance of the cooktops is 18 kW.
- We recommend ducts with DN 150 for optimal air circulation.
- 2 flat ducts and 2 round ducts must be connected using a pipe connector.
- 2 bends (e.g. 90° horizontal with 90° vertical) require one flat duct pipe for connection, which can be shortened to the required length by cutting.
- It is equally important to ensure proper sealing of the ducting to avoid air leakages, for example with adhesive tape AD 990 090 (UV and heat resistant).
- If the AL 400 121 is installed in air recirculation mode and intensive cooking (e.g. Vario Teppan Yaki) is involved, we recommend to use a second remote fan unit AR 413 122 to support the vapour catch behaviour, see planning example 6.
- Vario cooktops with intensive vapour formation like Vario Teppan Yaki or Vario electric grill should be placed central in front of the ventilation appliance;
- in case of Vario electric grill air recirculation is not recommended.
- Secure the control unit to the side panel of the cabinet, not to the base of the cabinet or the kitchen floor.

### Planning example 1

#### 1 x AL 400 with AR 403 122 (air extraction) / AR 413 122 (air recirculation)

Connection to the front with flat duct or aluflex pipe, DN 150; cabinet installation

#### Combination

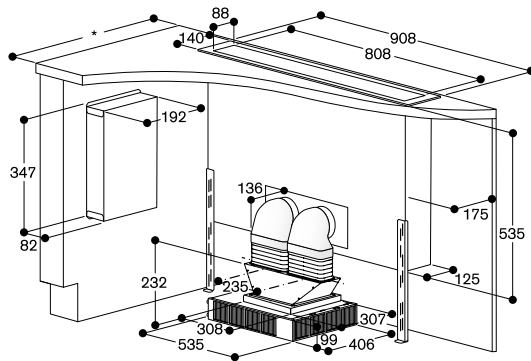
1 x AL 400 table ventilation combined with 1 x AR 403 122 / AR 413 122 remote fan unit

#### Good to know

- The air collector box can be screwed directly to the remote fan unit. The reducing piece supplied is not needed in this case.
- For optimum performance, the recirculated air requires sufficient space to escape (outflow surface area of at least 700 cm<sup>2</sup> for each remote fan unit).

#### List of accessories 1

- 1 x AD 754 045 (connection pieces for round duct, 2 x DN 150)
- 2 x AD 852 042 (Flat duct adapter round 90°)
- 1 x AD 704 049 (Air collector box for AL 400)
- 1 x AD 853 011 (Flat duct system flex pipe)
- 1 x AD 990 090 (adhesive tape for bonding the ducts)



\* All cooktops with cut-out depth 492: min. 750

### Planning example 2

#### 1 x AL 400 with AR 403 122 (air extraction) / AR 413 122 (air recirculation)

Connection downward with flex duct, DN 150, cabinet installation

#### Combination

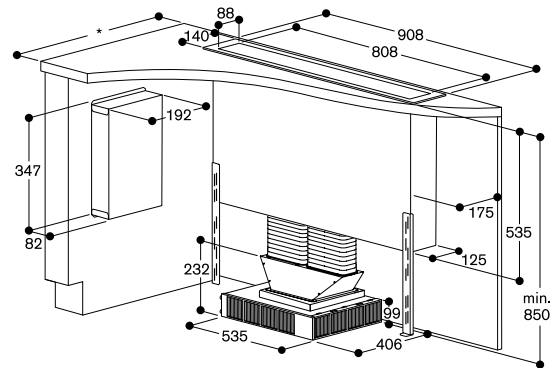
1 AL 400 table ventilation combined with 1 x AR 403 122 / AR 413 122 remote fan unit

#### Good to know

- The air collector box can be screwed directly on the remote fan unit. The reducing piece supplied is not needed in this case.
- For optimum performance, the recirculated air requires sufficient space to escape (outflow surface area of at least 700 cm<sup>2</sup> for each remote fan unit).

#### List of accessories 1

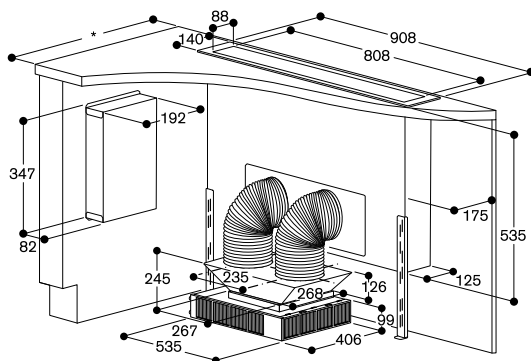
- 1 x AD 854 043 (connecting pieces for flat duct downward, 2 x DN 150)
- 1 x AD 704 049 (air collector box for AL 400)
- 1 x AD 853 011 (Flat duct Flexduct, DN 150)
- 1 x AD 990 090 (Adhesive tape for bonding the ducts)



\* All cooktops with cut-out depth 492: min. 750

### List of accessories 2

- 1 x AD 754 045 (connecting pieces for round duct, 2 x DN 150)
- 2 x AD 751 010 (aluflex pipe round, DN 150)
- 1 x AD 704 048 (air collector box for AL 400)



\* All cooktops with cut-out depth 492: min. 750

**Planning example 3**
**1 x AL 400 with AR 401 142**

Connection downward with flat and round duct, DN 150; installation on outside wall

**Combination**

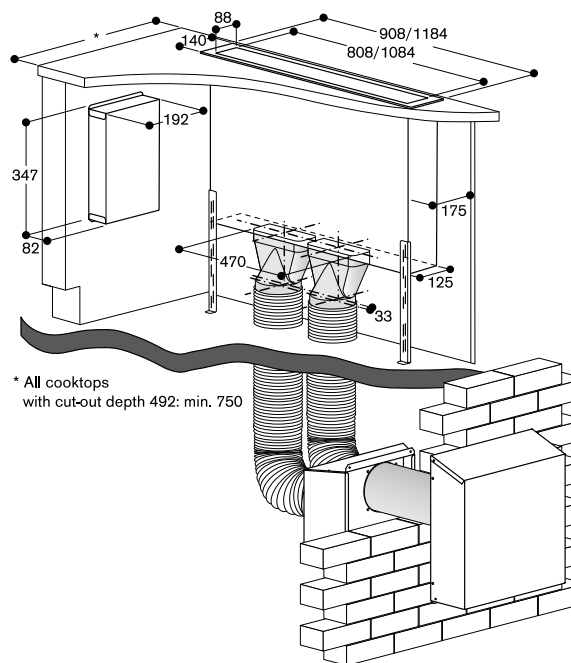
1 x AL 400 table ventilation combined with 1 x AR 401 142 remote fan unit

**Good to know**

- The AR 401 142 remote fan unit for installation on the outside wall is the ideal solution for compact air extraction.
- The ducting can be directed to outside via the cellar in this case. A minimum distance must simply be maintained for the air exhaust downwards on the AR 401 142 (100 cm). Distance ground to central line of the pipe: 60 cm.
- Local building regulations must be observed for the cellar breakout (especially with respect to the topic of fire safety).
- The ducting can of course also be implemented in the plinth area of the kitchen cabinets.

**List of accessories 1**

- 1 x AD 854 043 (connecting pieces for flat duct downwards, 2 x DN 150)
- 2 x AD 852 041 (flat duct transition round 90°)
- 2 x AD 751 010 (aluflex pipe round, DN 150); possibly additional ducts depending on the exhaust air ducting (aluflex or Naber round duct, DN 150)
- 1 x AD 704 048 (air collector box for AL 400)
- 1 x AD 702 052 (telescopic wall duct, DN 200)


**Planning example 4**
**1 x AL 400 121 with 2 x AR 413 122**

Connection to the front with flat duct

**Combination**

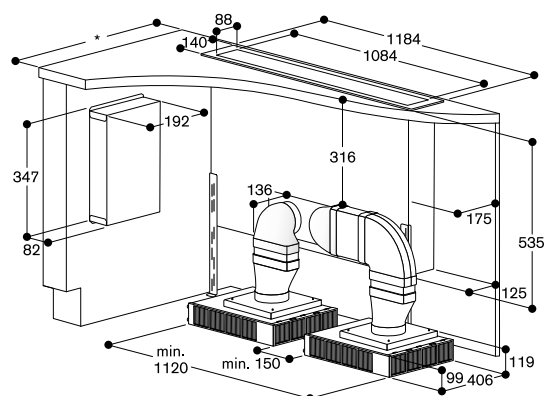
1 AL 400 121 table ventilation combined with 2 x AR 413 122 remote fan unit

**Good to know**

- If the AL 400 121 is installed in air recirculation mode and intensive cooking (e.g. Vario Teppan Yaki) is involved, we recommend to use a second remote fan unit AR 413 122 to support the vapour catch behaviour
- For optimum performance, the recirculated air requires sufficient space to escape (outflow surface area of at least 700 cm<sup>2</sup> for each remote fan unit).

**List of accessories 1**

- 1 x AD 754 045 (connection pieces for round duct, 2 x DN 150)
- 2 x AD 852 042 (flat duct adapter round 90°)
- 1 x AD 852 010 (flat duct)
- 1 x AD 852 031 (flat duct bend 90° horizontal)
- 2 x AD 852 041 (flat duct adapter round, DN 150)
- 1 x AD 990 090 (adhesive tape for bonding the ducts)





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**VL 414 111**

Stainless steel  
Width 11 cm  
Air extraction / Air recirculation  
Without motor and control knob

---

**Necessary installation accessories****AA 490 111**

Stainless steel control knob

---

**AD 724 042**

Connection piece for round pipe  
DN 150 For VL 414  
For installation to left or right side of  
VL additional adapter AD 724 041 is  
necessary.

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**AD 724 041**

Round duct connection additional  
adapter for VL 414 on the side  
Metal zinc coated  
Necessary for installation to left or  
right side of VL.

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**AD 854 046**

Flat duct system with guidance fins  
Connecting piece VL 414 for  
DN 150 flat

---

**Installation accessories****VA 420 000**

Connection strip for combination  
with other Vario appliances of the  
400 series for flush mounting

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**VA 420 001**

Connection strip for combination  
with other Vario appliances of the  
400 series for flush mounting  
with appliance cover/filler strip

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**VA 420 010**

Connection strip for combination  
with other Vario appliances of the  
400 series for surface mounting

---

**VA 420 011**

Connection strip for combination  
with other Vario appliances of the  
400 series for surface mounting  
with appliance cover/filler strip

---

**VA 450 110**

Stainless steel filler strip 11 cm  
Necessary accessory for combination  
of several Vario appliances of the  
400 series with at least one appliance  
cover to compensate the appliance  
depth.

---

**Special accessories****AA 414 010**

Ventilation moulding for VL 414 next to  
gas appliance.

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**Installation accessories for the air  
recirculation ducts you will find on  
pages 132 – 141.**

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**Vario downdraft ventilation 400 series  
VL 414**

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- Highly efficient ventilation system at the cooktop
- Flexible power distribution, precise extraction of cooking vapours only at the open ventilation elements
- Can be combined perfectly with other Vario appliances of the 400 series
- Precision crafted 3 mm stainless steel
- For surface mounting with a visible edge or for flush mounting
- Motorless, can be combined with Gaggenau BLDC remote fan units

**Output**

Power levels depend on the remote fan unit, see page 104.

**Features**

Manual opening of the ventilation element.  
Closing element made of stainless steel, dishwasher-safe.  
Metal grease filter, dishwasher-safe.  
No connecting piece included.

**Consumption data**

Consumption data is referred to a configuration with the remote fan unit AR 403 122.  
Energy consumption 53.2 kWh/year.  
Sound level min. 56 dB / max. 68 dB normal mode.

**Planning notes**

Refer to the table on page 104 for the matching remote fan units for air recirculation or air extraction mode. Secure the control unit to the side panel of the cabinet, not to the base of the cabinet or the kitchen floor. For each VL one remote fan unit is recommended.  
Maximum cooktop width between two VL: 60 cm.  
Appliance can be snapped into the worktop from above. Additional fixing by clamps accessible from bottom up, clamping range 30-50 mm.  
If installing with the appliance cover VA 440 or filler strip VA 450 take into account the additional space required for the depth.  
If combining several appliances with at least one appliance cover, the filler strip VA 450 is required to compensate for the depth of the appliance without the appliance cover.  
If combining several Vario appliances of the 400 series, a connection strip VA 420 must be placed between the appliances. Depending on the type of installation, the corresponding connection strip must be provided. In the cut-out, the installation system requires the side edge to be at least 10 mm for surface mounting and at least 13 mm for flush mounting. Ensure a continuous cut surface of 90°. The bearing capacity and stability, in the case of thin worktops in particular, must be supported using suitable substructures.

Take into account the appliance weight and additional loads.

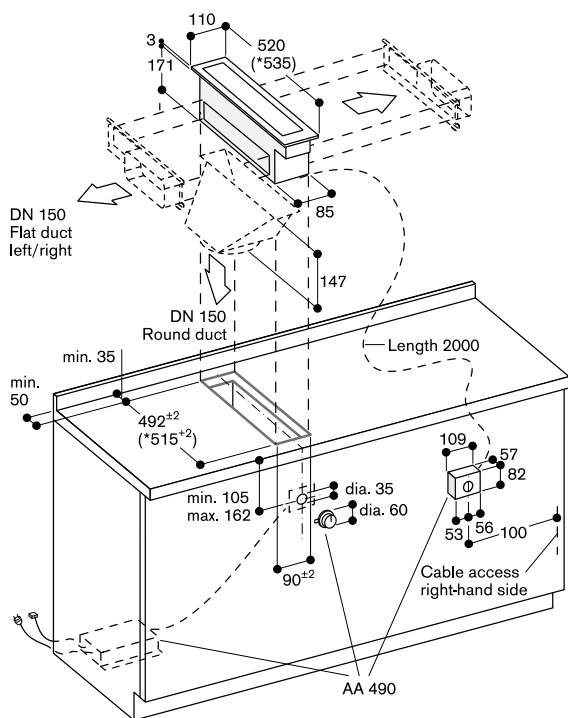
Additional instructions for flush mounting:  
Installation is possible in worktops made of stone, synthetics or solid wood. Heat resistance and watertight sealing of the cut edges must be observed. Concerning other materials please consult the worktop manufacturer. The groove must be continuous and even, so that uniform placing of the appliance on the gasket is ensured. Do not use discontinuous lining. The joint width may vary due to size tolerances of the combinations and of the worktop cut-out.  
If installing several appliances in individual cut-outs allow for a division bar of minimum 50 mm between the individual cut-outs.  
If operated next to gas appliances, the ventilation moulding AA 414 010 is recommended to ensure maximum performance of the cooktop. If installed next to gas appliances, flat ducts must not be used for the piping up to the fan unit. If installed next to VP 414, the flat duct must not be positioned underneath the VP 414.

Please read the installation details regarding air ducting on page 114 – 115.

Please read additional planning notes on page 72–77.

**Connection**

Connection cable 2.0 m between ventilation element VL 414 and control knob AA 490.

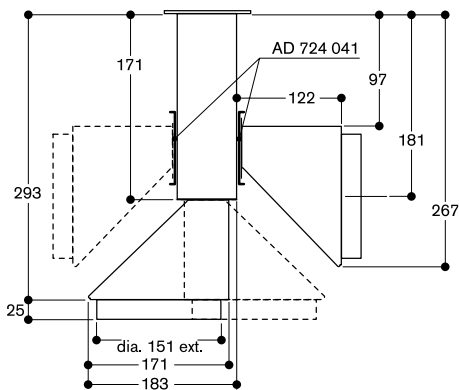


\* with filler strip

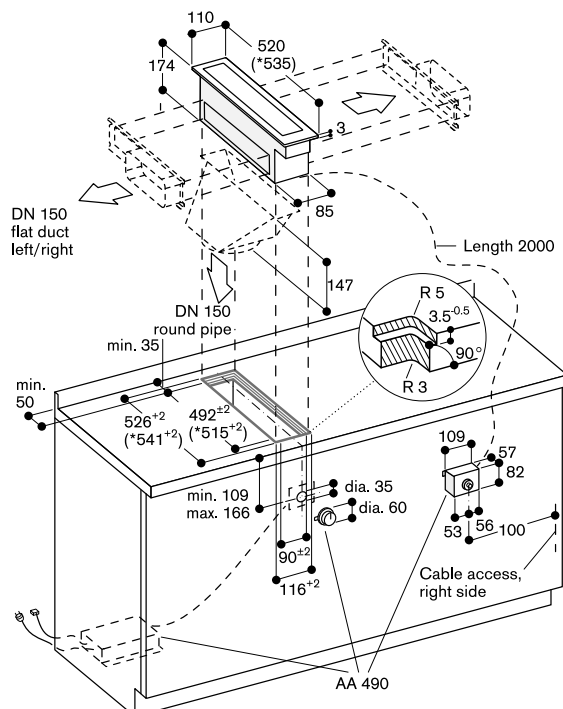
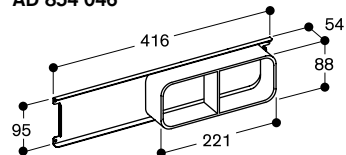
- Flat duct pipe connection piece, left/right DN 150 with AD 854 046
- Round duct pipe connection piece, bottom DN 150 with AD 724 042
- Round duct pipe connection piece, left/right DN 150 with AD 724 042 + AD 724 041

See separate planning notes for  
 - Positioning of control knob  
 - Configuration for flexible power distribution

**VL 414 with AD 724 042/041**



**AD 854 046**

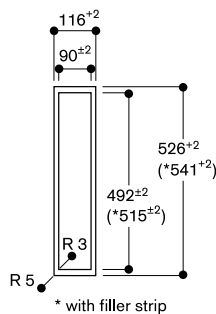


\* with filler strip

- Flat duct pipe connection piece, left/right DN 150 with AD 854 046
- Round duct pipe connection piece, bottom DN 150 with AD 724 042
- Round duct pipe connection piece, left/right DN 150 with AD 724 042 + AD 724 041

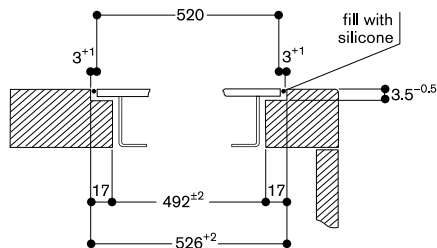
See separate planning notes for  
 - Positioning of control knob  
 - Configuration for flexible power distribution

**View from above**



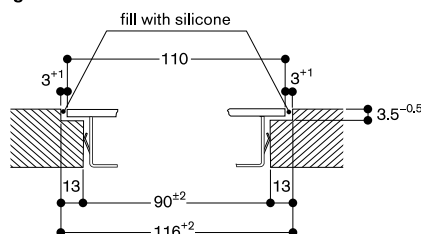
\* with filler strip

**Cross-section**



When installing with appliance cover or filler strip, pay attention to the deeper cut-out and the front and rear groove width.

**Longitudinal section**





AA 490 111  
Stainless steel

Vario control knob ventilation 400 series  
AA 490

- Solid stainless steel control knob
- Can be combined perfectly with other Vario appliances of the 400 series
- Motorless, can be combined with Gaggenau BLDC remote fan units

**Handling**

Control knob with illuminated ring and output marking.

**Features**

3 electronically controlled power levels and 1 intensive mode.  
Run-on function, 6 min.

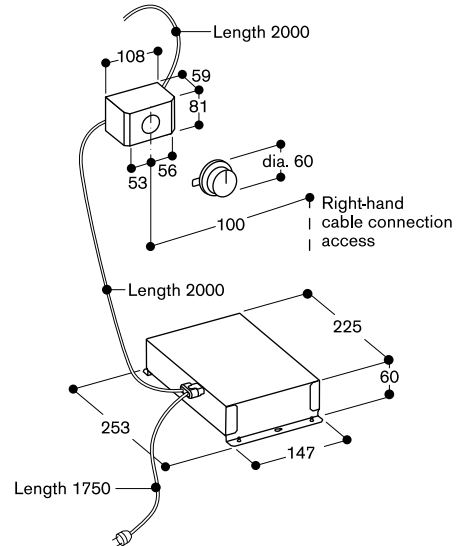
**Planning notes**

The separate electronics housing is to be installed so that it is accessible.  
Secure the control unit to the side panel of the cabinet, not to the base of the cabinet or the kitchen floor.

When installing a ventilation hood with air extraction mode and a chimney-vented fireplace, the power supply line of the ventilation appliance needs a suitable safety switch.

**Connection**

Total connected load 10W.  
Connecting cable 1.8 m, with plug.







# Recommended configurations of the Vario downdraft ventilation 400 series and remote fan units

## Good to know – for correct planning and installation

- For depth measurements, take account of the depth of the furniture cavity and worktop overhangs of the kitchen furniture.
- With the Vario downdraft ventilation, the ducting can be connected on the right, left or downwards.
- If the system is installed next to a gas appliance, ducts made of plastic (e.g. the flat duct system) must not be used, because of heat generation. In such cases, we recommend the use of aluflex pipes of the downdraft ventilation, directed downwards (accessory AD 724 042).
- Please note that flat ducts cannot be installed on the right or left of the following appliances due to their depth: Vario Teppan Yaki, Vario electric grill. For these, we recommend connection either to the other side or in a downward direction.
- For optimum air circulation, we recommend ducts with DN 150.
- 2 flat or 2 round ducts must be connected with a pipe connector.
- To connect 2 duct bends together (e.g. a 90° horizontal duct bend and a 90° vertical duct bend), a piece of flat duct is required, which can be shortened to the required length by cutting it to size.
- It is also important that ducting is well sealed in order to prevent air leaks, e.g. by using the adhesive tape AD 990 090 (UV- and heat-resistant).
- Vario cooktops with intensive vapour formation like Vario Teppan Yaki or Vario electric grill should be placed centrally in the cooktop configuration. In case of Vario electric grill air recirculation is not recommended.
- Secure the control unit to the side panel of the cabinet, not to the base of the cabinet or the kitchen floor.

## Planning example 1

### 1 x VL 414 with AR 413 122 (Air recirculation)

Flat duct with 2 x 90° duct bends or flat duct with 1 x 90° duct bend

## Combination

1 x downdraft ventilation in combination with 1 x AR 413 122 remote fan unit.

## Good to know

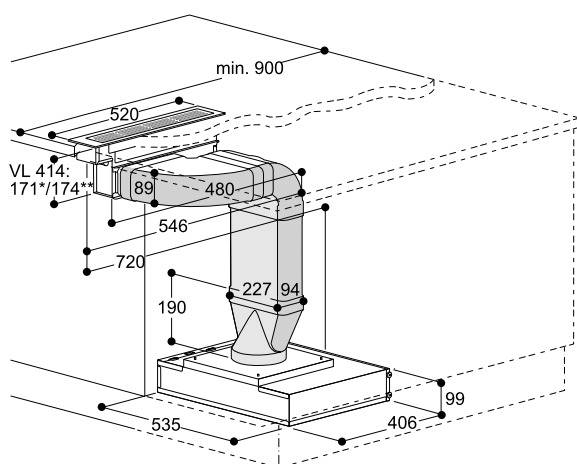
- The remote fan unit can be turned in all directions, depending on the desired direction for the exhaust air or filter removal.
- For optimum performance, the recirculated air requires sufficient space to escape (outflow surface area of at least 700 cm<sup>2</sup>). For this, we recommend the air exhaust grill AA 010 410.
- The connecting piece DN 150 is included with the remote fan unit.
- The recommended minimum distance between filter openings and cupboard wall if there is no ventilation grill directly in front: 15 cm.

## List of accessories 1

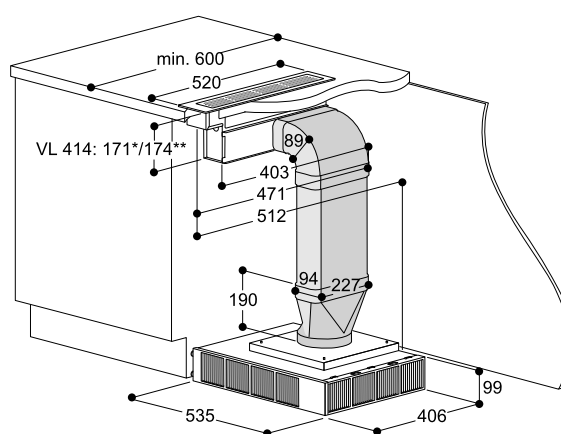
- 1 x AD 854 046 (connecting piece for VL 414, DN 150)
- 1 x AD 852 031 (flat duct with horizontal 90° duct bend)
- 1 x AD 852 030 (flat duct with vertical 90° duct bend)
- 1 x AD 852 010 (flat duct)
- 1 x AD 852 041 (flat duct adapter round)
- 1 x AA 490 111 (Vario control knob)
- 1 x AD 990 090 (adhesive tape for sealing the ducts)

## List of accessories 2

- 1 x AD 854 046 (connecting piece for VL 414, DN 150)
- 1 x AD 852 030 (flat duct with vertical 90° duct bend)
- 1 x AD 852 010 (flat duct)
- 1 x AD 852 041 (flat duct adapter round)
- 1 x AA 490 111 (Vario control knob)
- 1 x AD 990 090 (adhesive tape for sealing the ducts)



\* surface mounting  
\*\* flush mounting



\* surface mounting  
\*\* flush mounting

**Planning example 2**

**1 x VL 414 with AR 403 122 (Air extraction)**

Flat duct with 2 x 90° duct bends or flat duct with 1 x 90° duct bend

**Combination**

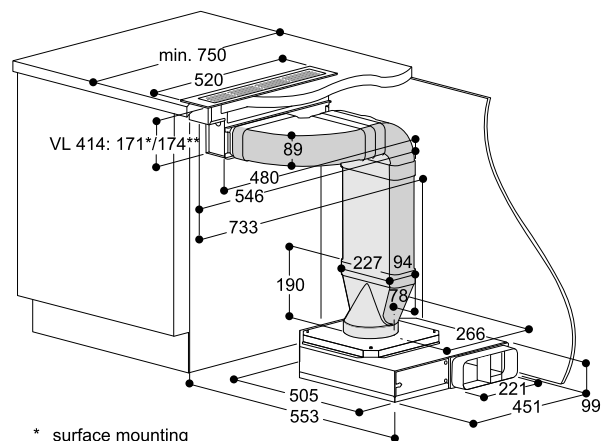
1 x downdraft ventilation in combination with 1 x AR 403 122 remote fan unit

**Good to know**

The connecting piece DN 150 is included with the remote fan unit.

**List of accessories 1**

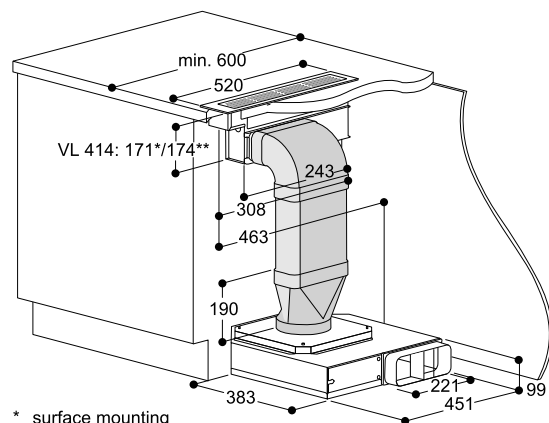
- 1 x AD 854 046 (connecting piece for VL 414, DN 150)
- 1 x AD 852 031 (flat duct with horizontal 90° duct bend)
- 1 x AD 852 030 (flat duct with vertical 90° duct bend)
- 1 x AD 852 010 (flat duct)
- 1 x AD 852 041 (flat duct adapter round)
- 1 x AA 490 111 (Vario control knob)
- 1 x AD 990 090 (adhesive tape for sealing the ducts)



\* surface mounting  
\*\* flush mounting

**List of accessories 2**

- 1 x AD 854 046 (connecting piece for VL 414, DN 150)
- 1 x AD 852 030 (flat duct with vertical 90° duct bend)
- 1 x AD 852 010 (flat duct)
- 1 x AD 852 041 (flat duct adapter round)
- 1 x AA 490 111 (Vario control knob)
- 1 x AD 990 090 (adhesive tape for sealing the ducts)



\* surface mounting  
\*\* flush mounting

**Planning example 3**

**1 x VL with AR 410 110 (Air recirculation)**

Flat duct with 2 x 90° bends

**Combination**

1 x downdraft ventilation in combination with 1 x AR 410 110 remote fan unit

**Good to know**

The charcoal filter exchange is possible from both sides.

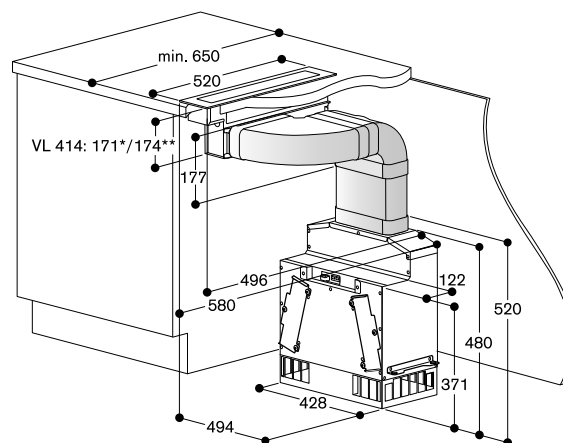
Allow accessibility to the charcoal filters in the lower cabinet for replacing the filter. It is possible to position the remote fan unit direct on the floor or fix it with the retaining brackets with a cut-out in the furniture base.

For configuration 2 is depending on the depth of the island a second flat duct AD 852 010 needed.

For optimum performance, the recirculated air requires sufficient space to escape (outflow surface area of at least 700 cm<sup>2</sup>).

**List of accessories 1**

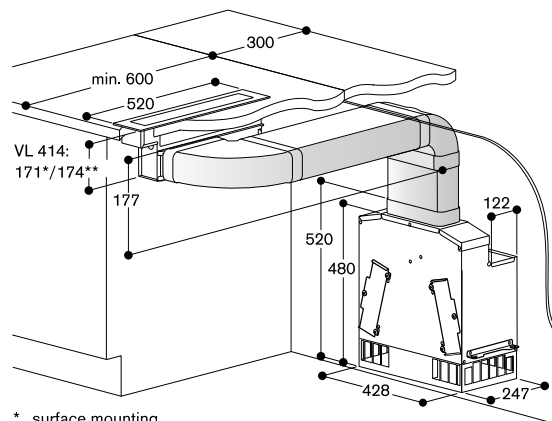
- 1 x AD 854 046 (connecting piece for VL 414, DN150)
- 1 x AD 852 031 (flat duct with horizontal 90° duct bend)
- 1 x AD 852 030 (flat duct with vertical 90° duct bend)
- 1 x AD 852 010 (flat duct)
- 1 x AD 852 040 (flat duct connecting piece)
- 1 x AA 490 111 (Vario control knob)
- 1 x AD 990 090 (adhesive tape for sealing the ducts)



\* surface mounting  
\*\* flush installation

**List of accessories 2**

- 1 x AD 854 046 (connecting piece for VL 414, DN150)
- 1 x AD 852 031 (flat duct with horizontal 90° duct bend)
- 1 x AD 852 030 (flat duct with vertical 90° duct bend)
- 1 x AD 852 010 (flat duct)
- 1 x AD 852 040 (flat duct connecting piece)
- 1 x AA 490 111 (Vario control knob)
- 1 x AD 990 090 (adhesive tape for sealing the ducts)



\* surface mounting  
\*\* flush installation



#### VL 200 120

Black anodised control panel  
in aluminium

Width 15 cm

Air extraction / Air recirculation  
Motorless

#### Installation accessories

##### AD 410 040

Flexible connecting piece for VL 200  
DN 150 flat

##### AD 851 041

Connecting piece VL 200 for extension  
with flat duct DN 150 for extra deep  
worktop

##### VV 200 010

Stainless steel connection strip for  
combination with other Vario  
appliances of the 200 series

##### VV 200 020

Black connection strip for combination  
with other Vario appliances of the  
200 series

#### Special accessories

##### LS 041 001

Ventilation moulding for VL 200 next to  
gas appliance  
Stainless steel

Installation accessories for the air  
recirculation ducts you will find on  
pages 132 – 141.

#### Vario downdraft ventilation 200 series VL 200

- Can be combined with the cooktops of the Vario 200 series
- Highly efficient ventilation system at the cooktop integrated in the worktop
- Function for automatic, sensor-controlled power adjustment depending on the build-up of cooking vapours
- Minimal planning and easy installation
- Air extraction or air recirculation system

#### Output

Power levels depend on the remote fan unit, see page 104.

#### Features

Control knobs with illuminated ring.  
3 electronically controlled power levels and 1 intensive mode.  
Automatic function with sensor-controlled run-on function.  
Large-scale metal grease filter with high grease absorption.  
Grease filter, dishwasher-safe.  
Grease filter and activated charcoal filter saturation indicator.  
Airflow-optimised interior for efficient air circulation.  
Interval ventilation, 6 min.  
Enamelled ventilation grill, dishwasher-safe.  
Air exhaust bend included in delivery.  
Overflow 250 ml capacity.

#### Consumption data

Consumption data is referred to a configuration with the remote fan unit AR 403 122.  
Energy consumption 39.7 kWh/year.  
Sound level min. 58 dB / max. 73 dB normal mode.

#### Planning notes

Air recirculation mode in combination with remote fan unit with AR 410 110 or AR 413 122.

Air extraction in combination with remote fan unit AR 403 122 or AR 401 142 (outside motor).

Please refer to page 104, 118 – 119 for recommended configurations of downdraft ventilations and remote fan units and the needed ducting elements.

For each VL one remote fan unit is recommended.

Maximum cooktop width between 2 VL: 60 cm.

If installed next to gas appliances, the ventilation moulding LS 041 001 is recommended to ensure maximum performance of the cooktop.

When having installed the ventilation moulding LS 041 001 the wok pan WP 400 001 can not be used.

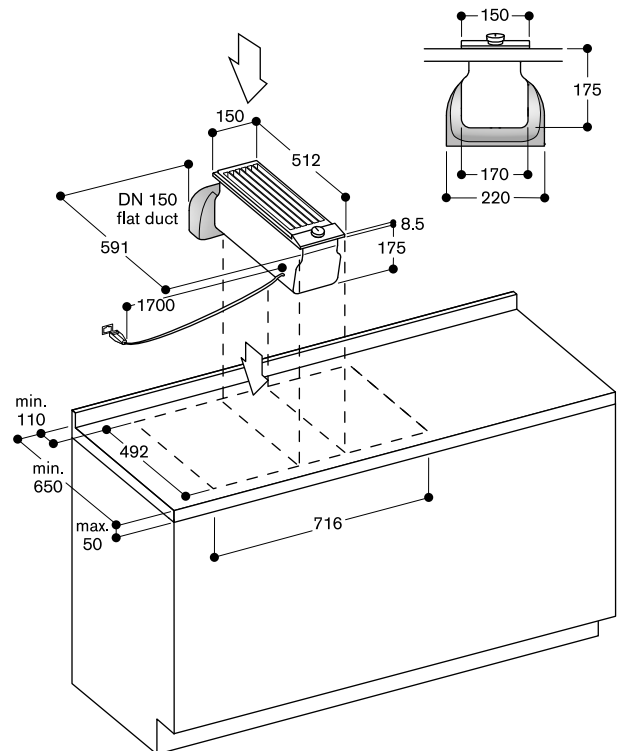
When installing a ventilation hood with air extraction mode and a chimney-vented fireplace, the power supply line of the ventilation appliance needs a suitable safety switch.

Please read additional planning notes on page 86.

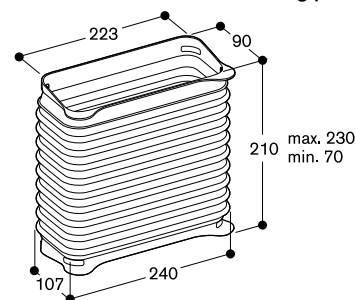
Please read the installation details regarding air ducting on page 118 – 119.

#### Connection

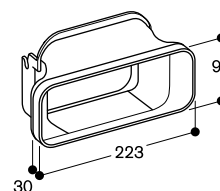
Connecting cable 1.7 m between VL and remote fan unit.



#### AD 410 040: Flexible connecting piece for VL 200, DN 150 flat



#### AD 851 041: Connecting piece VL 200 for extension with flat duct DN 150 for extra deep worktop





# Recommended configurations of the Vario downdraft ventilation 200 series and remote fan units

## Good to know – for correct planning and installation

- For depth measurements, take account of the depth of the furniture cavity and worktop overhangs of the kitchen furniture.
- With the Vario downdraft ventilation, the ducting can be connected to below or to the rear (in option). The respective connecting pieces are available for this purpose.
- Maximum distance between the Vario downdraft ventilation and the remote fan unit: Cable length in between 1.7 m
- For optimum air circulation, we recommend ducts with DN 150.
- 2 flat or 2 round ducts must be connected with a pipe connector.
- To connect 2 duct bends together (e.g. a 90° horizontal duct bend and a 90° vertical duct bend), a piece of flat duct is required, which can be shortened to the required length by cutting it to size.
- It is also important that ducting is well sealed in order to prevent air leaks, e.g. by using the adhesive tape AD 990 090 (UV- and heat-resistant).
- Vario cooktops with intensive vapour formation like Vario Teppan Yaki, Vario electric grill should be placed central; in case of Vario electric grill air recirculation is not recommended.

### Planning example 1 (air recirculation)

#### VL 200 with AR 410 110 remote fan unit

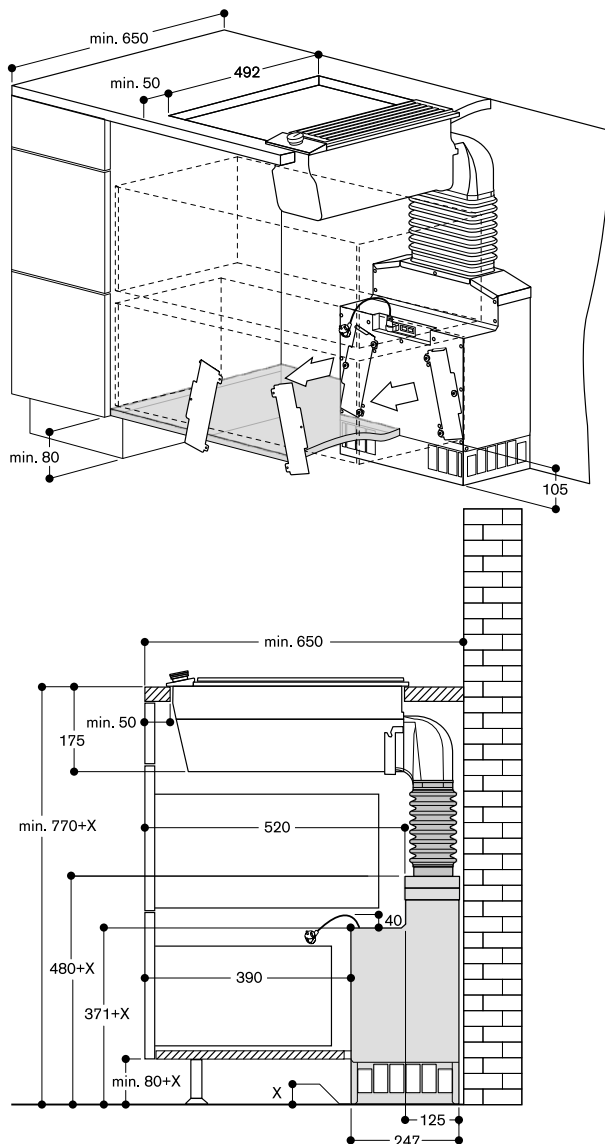
Wall installation, worktop depth 65 cm, access to the filters for replacement from the front.

#### Good to know

- Allow accessibility to the charcoal filters in the lower cabinet for their replacement.
- Additionally, if the plinth is higher than 80 mm, the external remote fan unit has to be elevated to enable access to the filters. If the plinth is 80 mm high, the remote fan unit can be placed directly on the floor.
- For optimum performance, the recirculated air requires sufficient space to escape (outflow surface area of at least 700 cm<sup>2</sup>).

#### List of components

- 1 x AR 410 110 (remote fan unit air recirculation)
- 1 x AD 410 040 (Flexible connecting piece for VL 200, DN 150 flat)



### Planning example 2 (air recirculation)

#### VL 200 with AR 410 110 remote fan unit

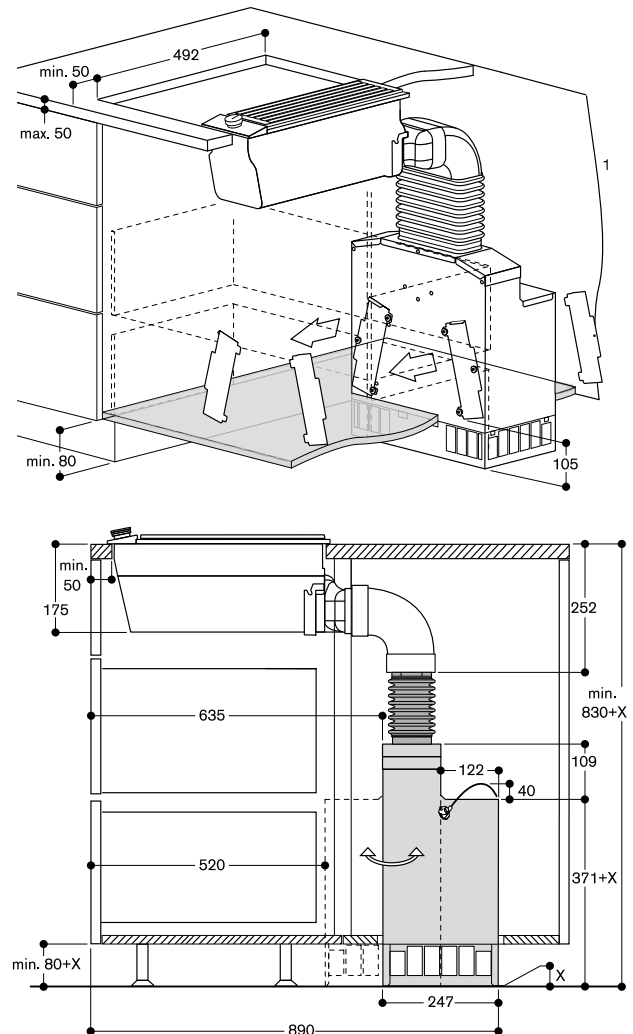
Island installation, access to the filter for replacement from the front or the back.

#### Good to know

- Allow accessibility to the charcoal filters in the lower cabinet for their replacement.
- Additionally, if the plinth is higher than 80 mm, the external remote fan unit has to be elevated to enable access to the filters. If the plinth is 80 mm high, the remote fan unit can be placed directly on the floor.
- For optimum performance, the recirculated air requires sufficient space to escape (outflow surface area of at least 700 cm<sup>2</sup>).

#### List of components

- 1 x AR 410 110 (remote fan unit air recirculation)
- 1 x AD 851 041 (connecting piece for extension with flat duct for extra deep worktop)
- 1 x AD 852 030 (flat duct bend 90° vertical)
- 1 x AD 852 010 (flat duct)
- 1 x AD 410 040 (Flexible connecting piece for VL 200, DN 150 flat)
- 1 x AD 990 090 (adhesive tape for sealing the ducts)



**Planning example 3 (air recirculation)**

**VL 200 with AR 413 122 remote fan unit**

Island installation, access to the filter for replacement from the front.

**Good to know**

- The remote fan unit can be turned in all directions, depending on the desired direction for the exhaust air or filter removal.
- Allow accessibility to the charcoal filters in the lower cabinet for their replacement.
- The recommended minimum distance between filter openings and cupboard wall if there is no ventilation grill directly in front: 15 cm.
- For optimum performance, the recirculated air requires sufficient space to escape (outflow surface area of at least 700 cm<sup>2</sup>).
- The connection piece DN 150 is included with the remote fan unit.

**List of components wall installation**

- 1 x AR 413 122 (remote fan unit plinth)
- 1 x AD 410 040 (Flexible connecting piece for VL 200, DN 150 flat)
- 1 x AD 852 010 (flat duct)
- 1 x AD 852 041 (flat duct adapter round)
- 1 x AD 990 090 (adhesive tape for sealing the ducts)

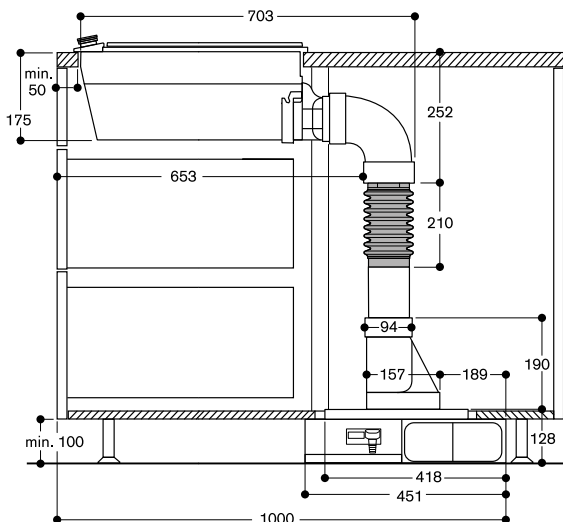
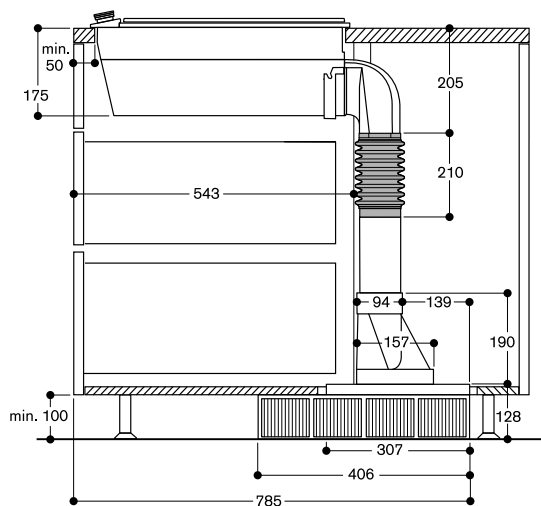
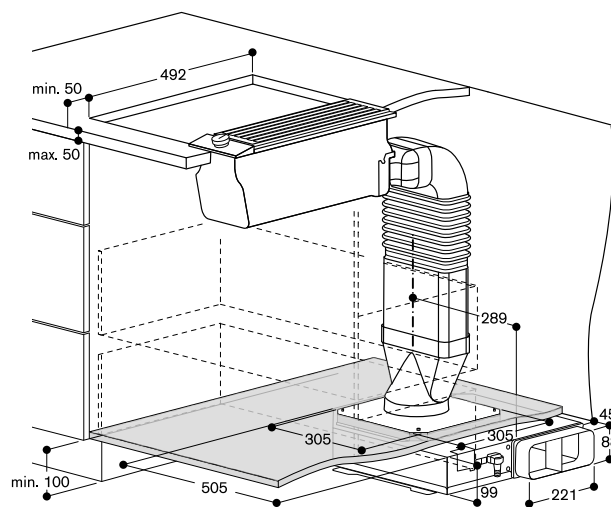
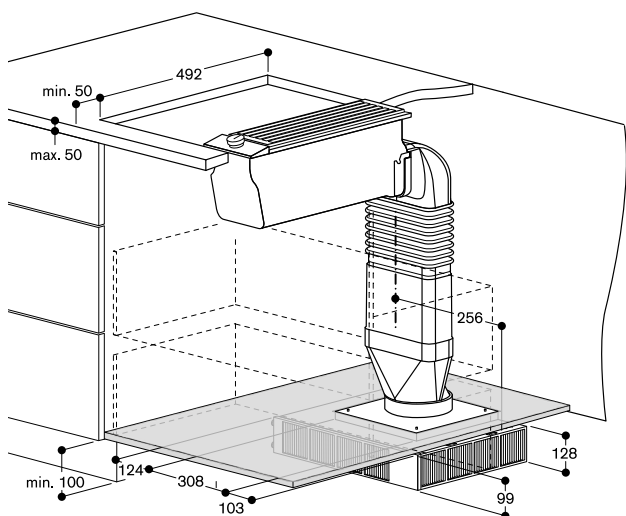
**Planning example 4 (air extraction)**

**VL 200 with AR 403 122 remote fan unit**

Island installation, connection from the right side.

**List of accessories wall installation**

- 1 x AR 403 122 (remote fan unit plinth)
- 1 x AD 851 041 (connecting piece for extension with flat duct for extra deep worktop)
- 1 x AD 852 030 (Flat duct bend 90° vertical)
- 1 x AD 852 010 (flat duct)
- 1 x AD 410 040 (Flexible connecting piece for VL 200, DN 150 flat)
- 1 x AD 852 041 (flat duct adapter round)
- 1 x AD 990 090 (adhesive tape for sealing the ducts)







**AR 410 110**

Metal housing  
 Max. air output 660 m<sup>3</sup>/h  
 Air recirculation  
 Installation in the cupboard

Installation accessories for the air recirculation ducts you will find on pages 132 – 141.

**Remote fan unit 400 and 200 series**  
**AR 410**

- Powerful remote fan unit to combine with Vario downdraft ventilation 400 and 200 series
- Efficient BLDC technology
- Particularly quiet due to patented noise insulation
- Compact, space-saving installation

**Output**

Performance output level 3/Intensive:  
 Air output according to EN 61591.  
 Sound power and sound pressure depending on built-in situation.  
 Air recirculation:  
 575 / 665 m<sup>3</sup>/h.  
 Power levels depend on the motorless appliances, see table on page 104.

**Features**

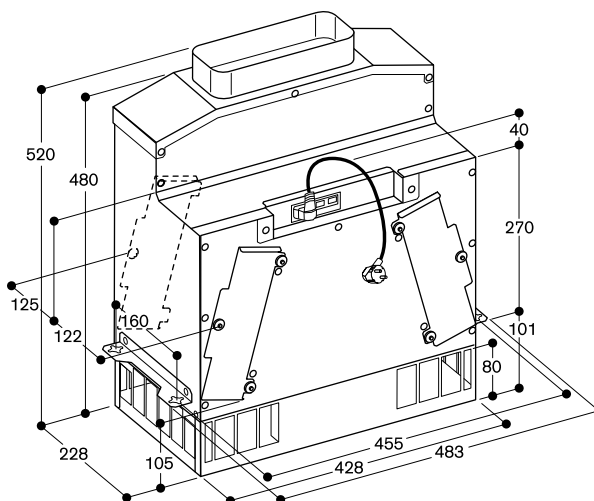
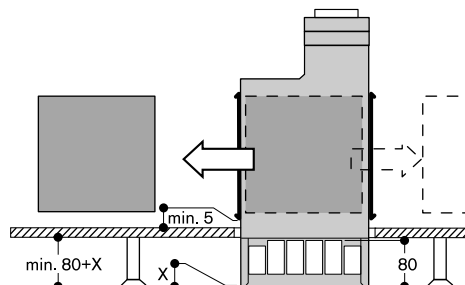
3 electronically controlled power levels and 1 intensive mode.  
 Fan technology with highly efficient, brushless DC motor (BLDC).  
 Including sound insulation to minimise the noise level.  
 Steel housing, zinc-plated.  
 Pipe connection piece on intake side:  
 1 x DN 150 flat duct.  
 Retaining bracket for installation at the furniture base enclosed.  
 2 activated charcoal filters enclosed ex factory.

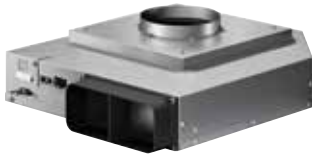
**Planning notes**

Powerful remote fan unit to combine with Vario downdraft ventilation 400 and 200 series.  
 Connection to the respective appliances via network cable.  
 Installation in a cupboard possible with a cut-out in the furniture base or behind the cupboard positioned on the floor.  
 Filter replacement interval: 1 year depending on cooking frequency.  
 To replace the filter the remote fan unit must be accessible.  
 The charcoal filter exchange is possible from both sides.

**Connection**

Total connected load 170 W.  
 Connecting cable 1.8 m, with plug.  
 Network cable 5 m.

**Filter exchange**



#### AR 403 122

Metal housing

Max. air output 890 m<sup>3</sup>/h

Air extraction

Plinth installation

Installation accessories for the air recirculation ducts you will find on pages 132 – 141.

#### Remote fan unit 400 and 200 series

##### AR 403

- Powerful remote fan unit to combine with motorless appliances 400 series and Vario downdraft ventilation 200 series
- Efficient BLDC technology
- Compact and space-saving installation in a 10 cm high plinth

#### Output

Performance output level 3/Intensive:

Air output according to EN 61591.

Sound power and sound pressure depending on built-in situation.

Air extraction:

730 / 890 m<sup>3</sup>/h.

Power levels depend on the motorless appliances, see table on page 104.

#### Features

3 electronically controlled power levels and one intensive mode.

Fan technology with highly efficient, brushless DC motor (BLDC).

Steel housing, zinc-plated.

Pipe connection pieces on intake side:  
1 x DN 150 round.

Pipe connection pieces on output side:  
1 x DN 150 flat duct.

Retaining bracket for installation on the ceiling or side of a cupboard enclosed.

#### Planning notes

Remote fan unit in combination with motorless appliances 400 series and Vario downdraft ventilation 200 series.

Connection to the respective appliances via network cable.

Installation in the plinth with cut-out for the air ducting in the furniture base.

Connection of AL 400 with an air collector box (AD 704 048, AD 704 049).

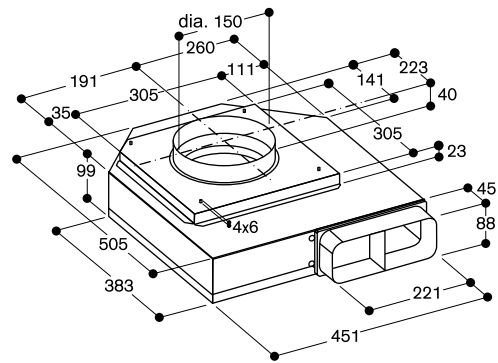
When installing a ventilation hood with air extraction mode and a chimney-vented fireplace, the power supply line of the ventilation appliance needs a suitable safety switch.

#### Connection

Total connected load 180 W.

Connecting cable 1.8 m, with plug.

Network cable 2 m.



**AR 413 122**

Metal housing  
Max. air output 850 m<sup>3</sup>/h  
Air recirculation  
Plinth installation

**Installation accessories****AA 010 410**

Air exhaust grill air recirculation  
Stainless steel-coloured, 90 cm,  
including installation fittings, height  
adjustable.

**Installation accessories for the air  
recirculation ducts you will find on  
pages 132 – 141.**

**Remote fan unit 400 and 200 series****AR 413**

- Powerful remote fan unit to combine with motorless appliances 400 series and Vario downdraft ventilation 200 series
- Efficient BLDC technology
- Compact and space-saving installation in a 10 cm high plinth

**Output**

Performance output level 3/Intensive:  
Air output according to EN 61591.  
Sound power and sound pressure  
depending on built-in situation.  
Air recirculation:  
620 / 760 m<sup>3</sup>/h.  
Power levels depend on the motorless  
appliances, see table on page 104.

**Features**

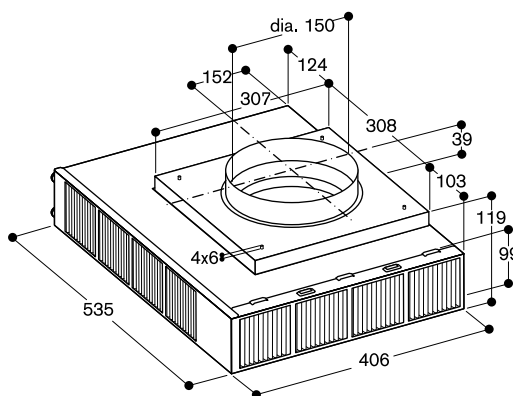
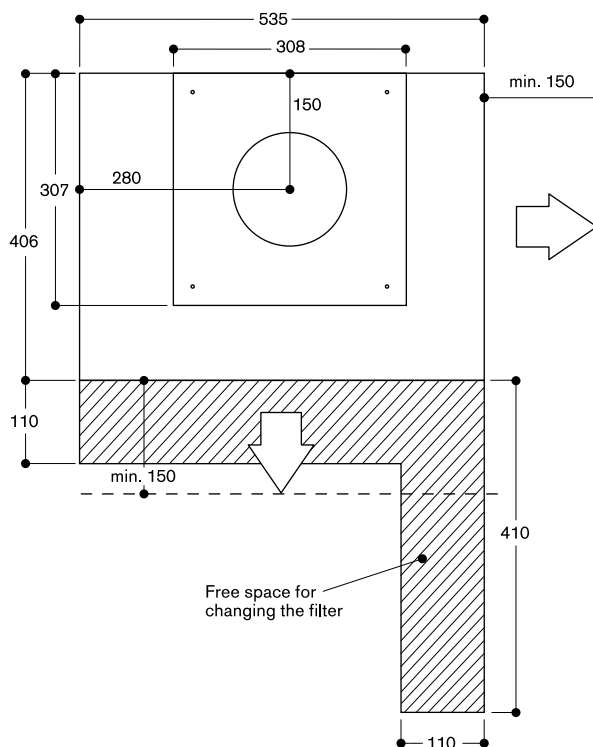
3 electronically controlled power levels  
and one intensive mode.  
Fan technology with highly efficient,  
brushless DC motor (BLDC).  
Steel housing, zinc-plated.  
Pipe connection pieces on intake side:  
1 x DN 150 round.  
Retaining bracket for installation on the  
ceiling or side of a cupboard enclosed.  
2 activated charcoal filters enclosed  
ex factory.

**Planning notes**

Remote fan unit in combination with  
motorless appliances 400 series and  
Vario downdraft ventilation  
200 series.  
Connection to the respective  
appliances via network cable.  
Installation in the plinth with cut-out for  
the air ducting in the furniture base.  
Filter replacement interval: 1-1.5 years  
depending on cooking frequency.  
It must be possible to remove the plinth  
to replace the filter.  
Recommended minimum gap between  
filter openings and cupboard wall if  
there is no ventilation grill directly in  
front: 15 cm.

**Connection**

Total connected load 180 W.  
Connecting cable 1.8 m, with plug.  
Network cable 2 m.

**View from above**



#### AI 240 120 ▲

Stainless steel with stainless steel control panel  
Width 120 cm  
Air extraction/Air recirculation  
Delivery with mounting kit and chimney

#### AI 240 190 ▲

Stainless steel with stainless steel control panel  
Width 90 cm  
Air extraction/Air recirculation  
Delivery with mounting kit and chimney

#### Installation accessories

##### AD 200 326

Stainless steel chimney extension  
Length: 1100 mm

##### AD 220 396

Ceiling collar for chimneys  
Stainless steel

##### AD 223 346

Extension for mounting kit 500 mm

#### Special accessories

##### AA 200 110

1 activated charcoal filter with high efficient odour reduction due to increased surface. For air recirculation module AA200812/816 and AA 010810.

##### AA 200 816

Air recirculation module inclusive 1 activated charcoal filter with high efficient odour reduction due to increased surface  
For air recirculation.  
Can be combined with island hoods.

Installation accessories for the air recirculation ducts you will find on pages 132 – 141.

#### Island hood 200 series

##### AI 240

- Timeless, elegant design
- Highly efficient extraction of cooking vapours
- Energy-saving, low-noise fan
- Patented filter technology with high grease absorption
- Rim extraction filter with flat and easy-to-clean stainless steel underside
- Function for automatic, sensor-controlled power adjustment depending on the build-up of cooking vapours
- Dimmable, neutral white LED light for ideal illumination of the whole cooktop
- Air extraction or air recirculation system
- Air recirculation module with activated charcoal filters: quiet and highly efficient air recirculation solution with odour reduction as in air extraction mode and long replacement intervals

#### Output

Performance and noise level, output level 3/Intensive:

Air output according to EN 61591.

Sound power level according to EN 60704-3.

Sound pressure level according to EN 60704-2-13.

Odour reduction for air recirculation in accordance with EN 61591.

#### Appliance width 120 cm

Air extraction:

640 / 890 m<sup>3</sup>/h.

62 / 69 dB (A) re 1 pW.

48 / 55 dB (A) re 20 µPa.

Air recirculation:

470 / 570 m<sup>3</sup>/h.

68 / 72 dB (A) re 1 pW.

54 / 58 dB (A) re 20 µPa.

Odour reduction air recirculation 95%.

#### Appliance width 90 cm

Air extraction:

620 / 850 m<sup>3</sup>/h.

62 / 69 dB (A) re 1 pW.

48 / 55 dB (A) re 20 µPa.

Air recirculation:

480 / 570 m<sup>3</sup>/h.

68 / 72 dB (A) re 1 pW.

54 / 58 dB (A) re 20 µPa.

Odour reduction air recirculation 95%.

#### Features

3 electronically controlled power levels and 1 intensive mode.

Automatic function with sensor-controlled run-on function.

Grease filter saturation indicator.

Patented rim extraction filter, dishwasher-safe.

Neutral white LED light (3600 K), continuously dimmable.

Lamp output 4x5 W.

Illuminance 730 lx.

Fan technology with highly efficient, brushless DC motor (BLDC).

Airflow-optimised interior for efficient air circulation.

The package includes an one-way flap.

#### Consumption data

Energy consumption

51.6/52.5 kWh/year.

Sound level min./max. normal mode  
40/62 dB.

#### Planning notes

The package includes the mounting kit and the two-part chimney with the dimensions from 674 mm to 854 mm. Individual planning solutions can be implemented using the special accessory chimney extension AD 200 326 in combination with extension for mounting kit AD 223 346. Special chimney types are available upon request.

Minimum clearance between gas cooktop(s) with more than 39.6 MJ/h and ventilation hood 70 cm. For more details, please refer to gas cooktop(s) installation manual(s).

Clearance above electric appliances min. 55 cm.

The air recirculation module with activated charcoal filter can be installed on the inner chimney. When installing a ventilation hood with air extraction mode and a chimney-vented fireplace, the power supply line of the ventilation appliance needs a suitable safety switch.

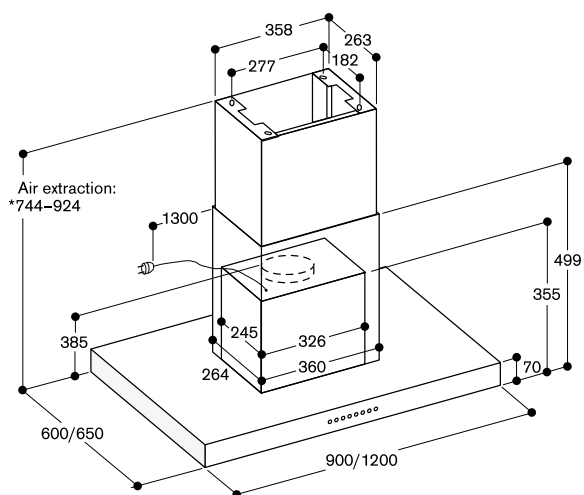
#### Connection

Total connected load 280 W.

Power requirements

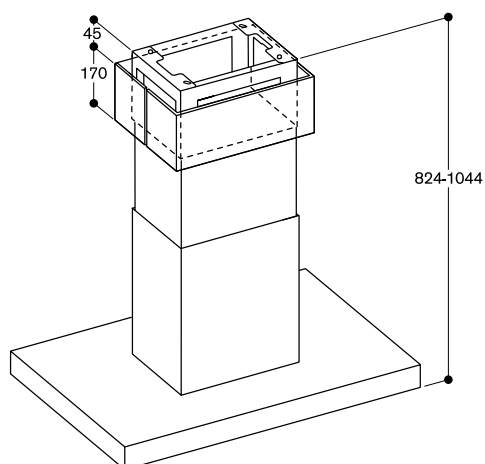
220 – 240 V / 50 Hz.

Connecting cable 1.3 m with plug.



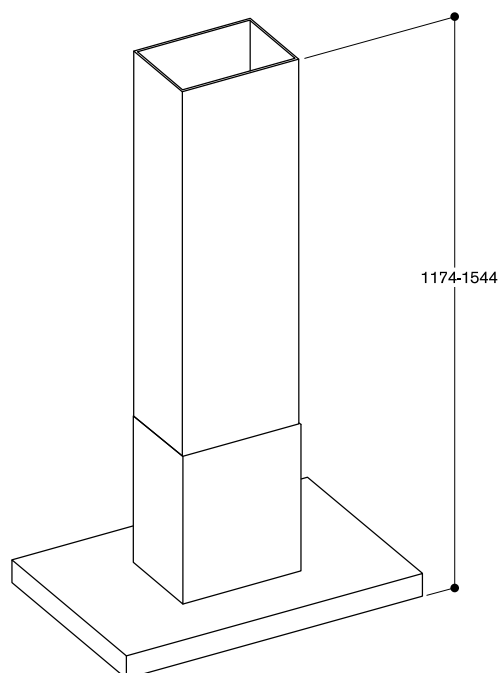
\* Suitable for ceiling heights from 2.34 m to 2.52 m;  
Specifications refer to the distance of 1.60 m from  
the floor to the lower edge of the hood.

**AI 240 with AA 200 816**



\* Suitable for ceiling heights from 2.42 m to 2.64 m;  
Specifications refer to the distance of 1.60 m from  
the floor to the lower edge of the hood.

**AI 240 with AD 200 326 and AD 223 346**



\* Suitable for ceiling heights from 2.78 m to 3.15 m;  
Specifications refer to the distance of 1.60 m from the floor  
to the lower edge of the hood.



#### AW 240 190

Stainless steel with stainless steel control panel  
Width 90 cm  
Air extraction/Air recirculation  
Delivery with chimney

#### Installation accessories

##### AD 200 322

Stainless steel chimney extension  
Length: 1000 mm

##### AD 200 392

Ceiling collar for chimneys  
Stainless steel

#### Special accessories

##### AA 200 110

1 activated charcoal filter with high efficient odour reduction due to increased surface. For air recirculation module AA200812/816 and AA010810.

##### AA 200 812

Air recirculation module inclusive 1 activated charcoal filter with high efficient odour reduction due to increased surface  
For air recirculation.  
Can be combined with wall mounted hoods.

Installation accessories for the air recirculation ducts you will find on pages 132 – 141.

#### Wall mounted hood 200 series

##### AW 240

- Timeless, elegant design
- Highly efficient extraction of cooking vapours
- Energy-saving, low-noise fan
- Patented filter technology with high grease absorption
- Rim extraction filter with flat and easy-to-clean stainless steel underside
- Function for automatic, sensor-controlled power adjustment depending on the build-up of cooking vapours
- Dimmable, neutral white LED light for ideal illumination of the whole cooktop
- Air extraction or air recirculation system
- Air recirculation module with activated charcoal filters: quiet and highly efficient air recirculation solution with odour reduction as in air extraction mode and long replacement intervals

#### Output

Performance and noise level, output level 3/Intensive:

Air output according to EN 61591.

Sound power level according to EN 60704-3.

Sound pressure level according to EN 60704-2-13.

Odour reduction for air recirculation in accordance with EN 61591.

#### Appliance width 90 cm

Air extraction:

610 / 810 m<sup>3</sup>/h.

66 / 72 dB (A) re 1 pW.

52 / 58 dB (A) re 20 µPa.

Air recirculation:

450 / 530 m<sup>3</sup>/h.

70 / 74 dB (A) re 1 pW.

56 / 60 dB (A) re 20 µPa.

Odour reduction air recirculation 95%.

#### Features

3 electronically controlled power levels and 1 intensive mode.

Automatic function with sensor-controlled run-on function.

Grease filter saturation indicator.

Patented rim extraction filter, dishwasher-safe.

Neutral white LED light (3600 K), continuously dimmable.

Lamp output 4x 5 W.

Illuminance 929 lx.

Fan technology with highly efficient, brushless DC motor (BLDC).

Airflow-optimised interior for efficient air circulation.

Easy mounting system for simple installation and alignment.

The package includes an one-way flap.

#### Consumption data

Energy consumption

38.8 kWh/year.

Sound level min./max. normal mode

44/66 dB.

#### Planning notes

The package includes the two-part chimney with the dimensions from 582 mm to 884 mm. Individual planning solutions can be implemented using the special accessory chimney

extension AD 200 322 or by shortening the lower edge of the inner chimney.

Minimum clearance between gas cooktop(s) with more than 39.6 MJ/h and ventilation hood 70 cm. For more details, please refer to gas cooktop(s) installation manual(s).

Clearance above electric appliances min. 55 cm.

The air recirculation module with activated charcoal filter can be installed on the external chimney or inner chimney.

When installing a ventilation hood with air extraction mode and a chimney-vented fireplace, the power supply line of the ventilation appliance needs a suitable safety switch.

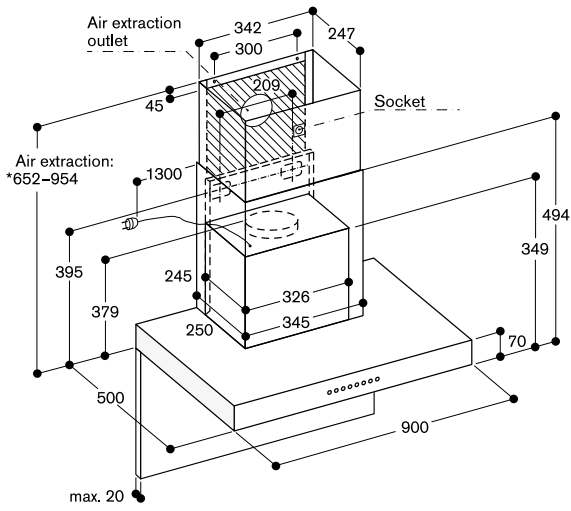
#### Connection

Total connected load 275 W.

Power requirements

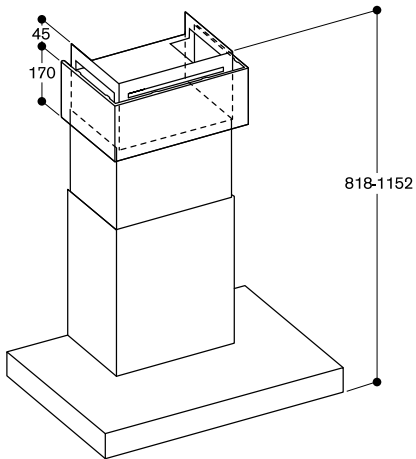
220 – 240 V / 50 Hz.

Connecting cable 1.3 m with plug.



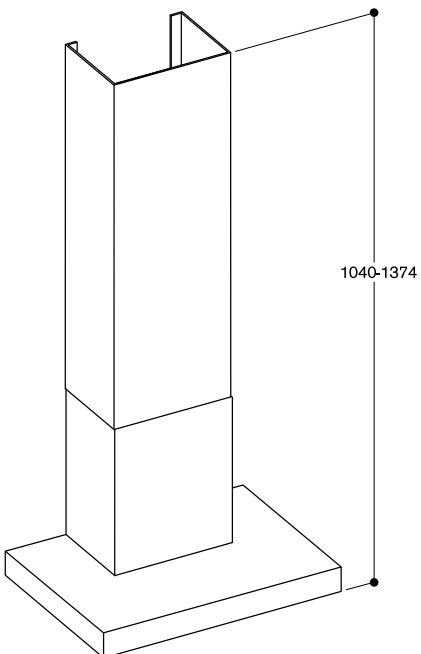
\* Suitable for ceiling heights from 2.25 m to 2.55 m;  
Specifications refer to the distance of 1.60 m from the floor  
to the lower edge of the hood.

**AW 240 with AA 200 812**



\* Suitable for ceiling heights from 2.45 m to 2.75 m;  
Specifications refer to the distance of 1.60 m from the floor  
to the lower edge of the hood.

**AW 240 with AD 200 322**



\* Suitable for ceiling heights from 2.64 m to 2.97 m;  
Specifications refer to the distance of 1.60 m from the floor  
to the lower edge of the hood.



#### AF 210 191

Stainless steel handle bar  
Width 90 cm

Air extraction/Air recirculation

#### AF 210 161

Stainless steel handle bar  
Width 60 cm

Air extraction/Air recirculation

#### Installation accessories

##### AA 210 460

Lowering frame for 60 cm slide out rangehood

##### AA 210 490

Lowering frame for 90 cm slide out rangehood

##### AA 210 491

Assembly kit for 90 cm upper cabinet

#### Special accessories

##### AA 210 110

1 activated charcoal filter with high efficient odour reduction due to increased surface. For air recirculation module AA 211 812.

##### AA 211 812

Patented air recirculation module including 1 activated charcoal filter with high efficient odour reduction due to increased surface  
For air recirculation.

#### Installation accessories with further details on pages 132 – 141.

#### Slide out rangehood 200 series

##### AF 210

- Unobtrusive slide out rangehood design thanks to integrated glass panel in the steam screen
- Especially quiet operation thanks to integrated sound insulation
- Steam screen extends by pulling the handle bar
- Steam screen and visible corpus made of brushed stainless steel
- Especially high air output
- Energy-saving, low-noise fan
- Function for automatic, sensor-controlled power adjustment depending on the build-up of cooking vapours
- Dimmable, neutral white LED light for ideal illumination of the whole cooktop
- The patented lowering frame allows the slide out rangehood to disappear completely into the upper cabinet
- Air extraction or air recirculation system
- Air recirculation module with activated charcoal filters: quiet and highly efficient air recirculation solution with odour reduction as in air extraction mode and long replacement intervals

#### Output

3 electronically controlled power levels and 1 intensive mode.

#### Appliance width 90 cm

Air extraction:

516 / 964 m<sup>3</sup>/h.

57 / 71 dB (A) re 1 pW.

44 / 58 dB (A) re 20 µPa.

Air recirculation:

505 / 876 m<sup>3</sup>/h.

62 / 69 dB (A) re 1 pW.

49 / 56 dB (A) re 20 µPa.

Odour reduction air recirculation 91%.

#### Appliance width 60 cm

Air extraction:

514 / 953 m<sup>3</sup>/h.

57 / 71 dB (A) re 1 pW.

44 / 58 dB (A) re 20 µPa.

Air recirculation:

496 / 884 m<sup>3</sup>/h.

62 / 69 dB (A) re 1 pW.

49 / 56 dB (A) re 20 µPa.

Odour reduction air recirculation 91%.

#### Features

Controls at front.

Automatic function with sensor-controlled run-on function.

Grease filter saturation indicator.

Stainless steel grease filter, dishwasher-safe.

Neutral white LED light (3500 K), continuously dimmable.

Lamp output 3x3 W.

Illuminance 708 lx / 669 lx.

Light can be switched on separately.

Fan technology with highly efficient, brushless DC motor (BLDC).

Integrated sound insulation for quiet operation.

The fan is activated when the steam screen is extended.

Patented technology for extension of the steam screen.

Extendable steam screen 198 mm.

Airflow-optimised interior for efficient air circulation and ease of cleaning.

Patented easy mounting system for simple installation.

The package includes an one-way flap.

#### Consumption data

Energy consumption

43.3 / 41.4 kWh/year.

Sound level min./max. normal mode

42/57 dB.

#### Planning notes

Patented air recirculation module with activated charcoal filter can be installed in the upper cabinet. The activated carbon filter can be changed from the front by simply pulling out the activated charcoal filter.

The door of the upper cabinet must be fully open in order to change the activated charcoal filter.

To be installed in an upper cabinet without base.

The required cavity depth of the upper cabinet together with the lowering frame measures 335 mm.

The required cavity height of the upper cabinet together with the lowering frame measures 600 mm.

Minimum clearance between gas cooktop(s) with more than 39.6 MJ/h (11 kW) and ventilation hood 700 mm.

For more details, please refer to gas cooktop(s) installation manual(s).

Clearance above electric appliances min. 430 mm.

When installing a ventilation hood with air extraction mode and a chimney-vented fireplace, the power supply line of the ventilation appliance needs a suitable safety switch.

#### Connection

Total connected load 269/266 W.

Connecting cable 1.8 m, with plug.







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**AC 200 191**

Stainless steel and glass

Width 86 cm

Air extraction / Air recirculation

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**AC 200 161**

Stainless steel and glass

Width 52 cm

Air extraction / Air recirculation

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**Special accessories****AA 200 510**

Remote control for integrated rangehood AC 200

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**AA 210 110**

1 activated charcoal filter with high efficient odour reduction due to increased surface. For air recirculation module AA 211 812.

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**AA 211 812**

Patented air recirculation module including 1 activated charcoal filter with high efficient odour reduction due to increased surface  
For air recirculation.

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Installation accessories for the air recirculation ducts you will find on pages 132 – 141.

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**Integrated rangehood 200 series****AC 200**

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- Can be integrated invisibly in upper cabinet
- Energy-saving, low-noise fan
- Rim extraction with flat and easy-to-clean glass under-side
- Dimmable, neutral white LED light for ideal illumination of the whole cooktop
- Air extraction or air recirculation system
- Energy efficiency class A++

**Output**

3 electronically controlled power levels and 1 intensive mode.

**Appliance width 86 cm**

Air extraction:

610 / 800 m<sup>3</sup>/h.

64 / 70 dB (A) re 1 pW.

51 / 57 dB (A) re 20 µPa.

Air recirculation:

540 / 790 m<sup>3</sup>/h.

72 / 77 dB (A) re 1 pW.

59 / 65 dB (A) re 20 µPa.

Odour reduction air recirculation 94%.

**Appliance width 52 cm**

Air extraction:

540 / 730 m<sup>3</sup>/h.

64 / 70 dB (A) re 1 pW.

51 / 57 dB (A) re 20 µPa.

Air recirculation:

530 / 690 m<sup>3</sup>/h.

72 / 77 dB (A) re 1 pW.

59 / 64 dB (A) re 20 µPa.

Odour reduction air recirculation 92%.

**Features**

Remote control is available as a special accessory.

Interval ventilation, 6 min.

Run-on function, 6 min.

Grease filter saturation indicator.

Metal grease filter, dishwasher-safe.

Glass filter cover.

Neutral white LED light (4000 K), dimmable.

Lamp output 2 x 1 W.

Illuminance 266 lx. / 244 lx.

Fan technology with highly efficient, brushless DC motor (BLDC).

**Consumption data**

Energy consumption

31.4 / 29.6 kWh/year.

Sound level min. 41 / 44 dB /

max. 64 dB normal mode.

**Planning notes**

Patented air recirculation module with activated charcoal filter can be installed in the upper cabinet. The activated carbon filter can be changed from the front by simply pulling out the filter drawer.

The door of the upper cabinet must be fully open in order to change the activated charcoal filter.

Can be integrated invisibly in upper cabinet.

Vario cooktops with intensive production of vapours like VR/VP should be placed in the middle beneath the hood (in this case air recirculation is not recommended).

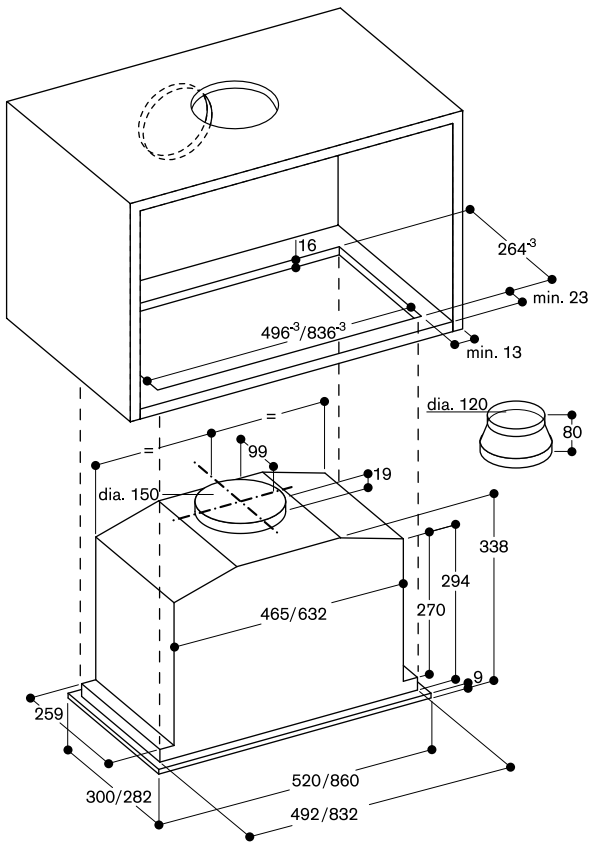
Minimum clearance between gas cooktop(s) with more than 39.6 MJ/h (11 kW) and ventilation hood 700 mm. For more details, please refer to gas cooktop(s) installation manual(s). Clearance above electric appliances min. 500 mm.

When installing a ventilation hood with air extraction mode and a chimney-vented fireplace, the power supply line of the ventilation appliance needs a suitable safety switch.

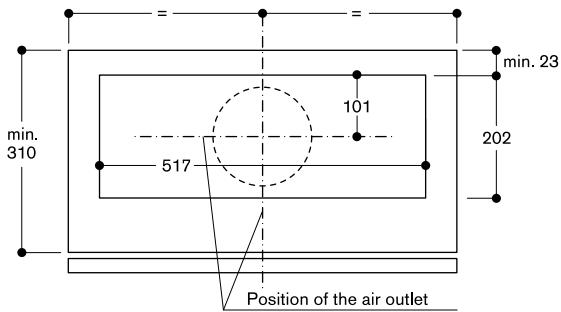
**Connection**

Total connected load 172 W.

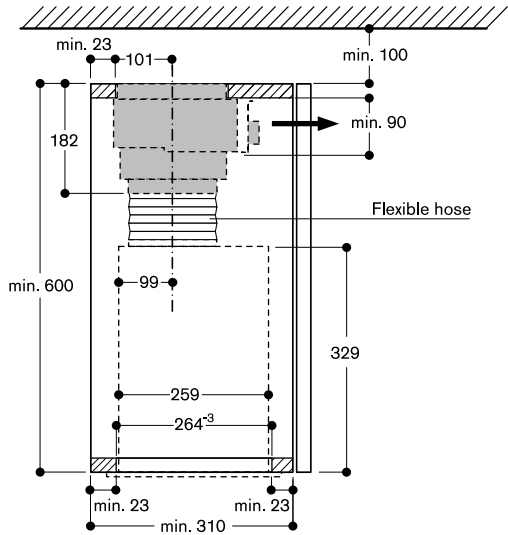
Connecting cable 1.0m with plug.



View of upper cabinet from above with AC 200 and AA 211 812



Cross-section of upper cabinet with AC 200 and AA 211 812



## Accessories | special accessories for ventilation appliances

### AA 200 812

For air recirculation.

Can be combined with wall mounted hoods AW 240

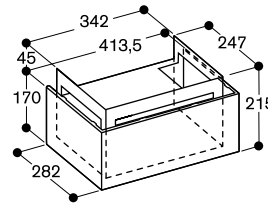
Odour reduction comparable to air extraction mode (95%).

Noise reduction of up to 3 dB when compared to conventional recirculation filter systems.

Extended change interval for the activated charcoal filter.

For installation on the external chimney or internal chimney.

Includes design panel, wall fastening, activated charcoal filter, flexible hose and 2 hose clamps.



### AA 200 816

For air recirculation.

Can be combined with island hoods AI 240.

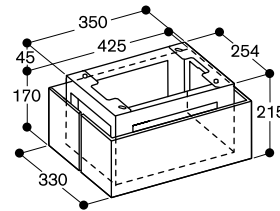
Odour reduction comparable to air extraction mode (95%).

Noise reduction of up to 3 dB when compared to conventional air recirculation filter systems.

Extended change interval for the activated charcoal filter.

For installation on the internal chimney.

Includes design panel, activated charcoal filter, flexible hose and 2 hose clamps.



### AA 211 812

Patented air recirculation module including 1 activated charcoal filter with high efficient odour reduction due to increased surface

For air recirculation.

Can be combined with slide out rangehood series 200/integrated rangehood 200 series.

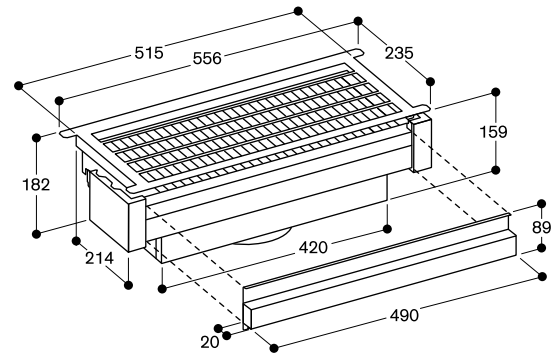
Odour reduction comparable to air extraction mode (95%).

Noise reduction of up to 3 dB when compared to conventional air recirculation filter systems.

Extended change interval for the activated charcoal filter.

For assembly in the upper cabinet.

Consisting of filter housing with design panel, activated charcoal filter, flexible hose and 2 hose clamps.



### AD 200 392 for AW 240

### AD 220 396 for AI 240

### Ceiling collar for air chimneys

Stainless steel/aluminium-lacquered

Covers the fixing screws of wall and island air chimneys as well as uneven gaps at not exactly horizontal ceilings. Allows the installation of customised one-piece wall chimneys and island chimneys without telescope.



### Features

Ceiling fixture for duct and clip-on cover in the colour of chimney.

### Planning notes

Available for most of the Gaggenau chimney dimensions to fit with standard chimneys.

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**AD 200 326**

Stainless steel chimney extension  
110cm, suits AI 240.  
Order AD 200 326 and AD 223 346  
in conjunction.

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**AD 200 322**

Stainless steel chimney extension  
100cm, suits AW 240

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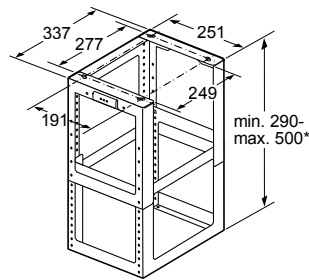


## Accessories | special accessories for ventilation appliances

### Extension for mounting kit for island hood AI 240

AD 223 346

For a chimney height of 1100–1500 mm.  
Appliance height is dependent on the structure (cabinet height).



\* height-adjustable  
in 10 mm increments  
measurements in mm

### AA 210 490

#### Lowering frame for 90 cm slide out rangehood

AA 210 460

#### Lowering frame for 60 cm slide out rangehood

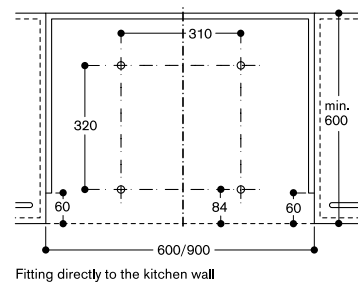
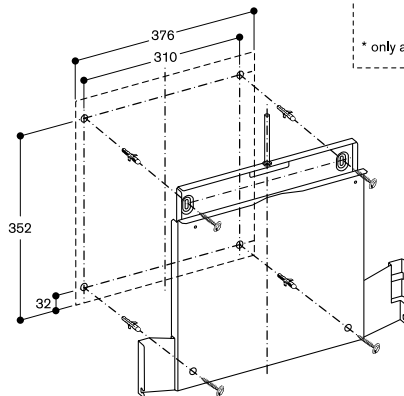
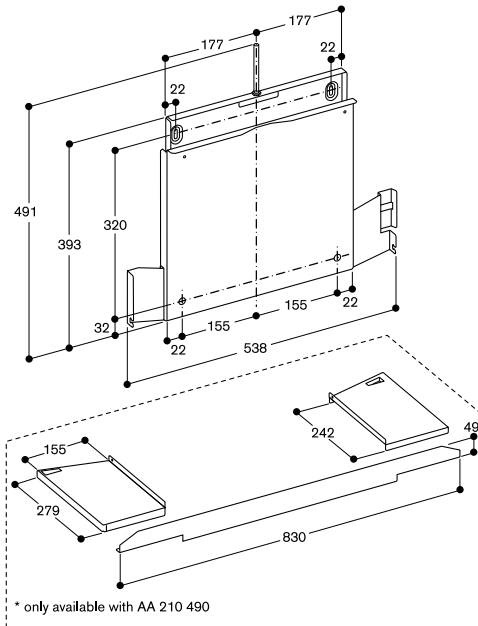
Can be combined with slide out rangehood series 200.

The patented lowering frame allows the slide out rangehood to disappear completely into the upper cabinet.

For assembly directly on the kitchen wall or reinforced upper cabinet.

For assembly in the upper cabinet. The required cavity depth of the upper cabinet together with the lowering frame measures 335 mm.

In combination with a back wall panel >5 mm the lowering frame needs to be lined and the cavity depths must be adapted accordingly.



### AA 210 491

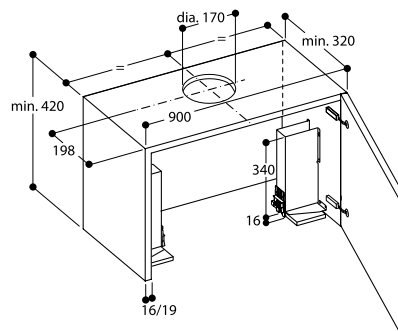
#### Assembly kit for 90 cm upper cabinet

Can be combined with the 90 cm wide slide out rangehoods 200 series.

Slide out rangehood of 200 series  
For left/right assembly in upper cabinets.

For assembly in the upper cabinet.

If the lowering frame AA 210 490 is used, the assembly kit is not needed



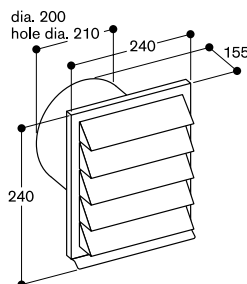
AA 200 510  
**Remote control for integrated  
 rangehood AC 200**



**Wall outlet**

Wall outlets are available that are suitable for providing a clean, efficient and unobtrusive method of routing ducting through outside walls. The aperture should always correspond to, or be bigger than, the nominal width of the type of pipe used.

AD 700 051  
**Wall outlet**  
 Stainless steel  
 DN 200 round



Little loss of airflow due to large stainless steel outlet louvres.

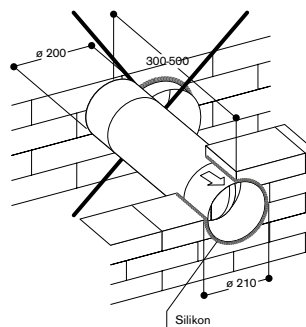
**Features**

Weatherproof stainless steel louvres.  
 Integrated one-way flap.  
 Connecting piece DN 200 round

**Planning notes**

For use with telescopic wall-duct  
 AD 702  
 Wall breakthrough  $\varnothing$  210 mm

AD 702 052  
**Telescopic wall-duct**  
 DN 200 round



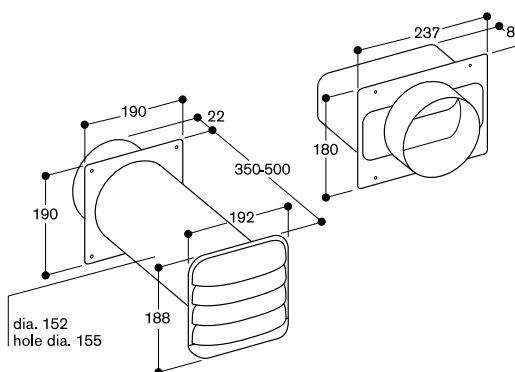
**Features**

Connecting piece DN 200 round.  
 Integrated one-way flap.

**Planning notes**

For use with wall outlet AD 700 051 or  
 remote fan unit AR 401.

AD 750 053  
**Wall outlet with telescopic duct**  
 Stainless steel/plastic  
 DN 150 round



Optimal temperature insulation.  
 Hermetically sealed by an optimized built-in heat retention system. Flat stainless steel cover with minimal effect to the aesthetics of the building exterior facade.

**Features**

Weatherproof stainless steel louvres.  
 3-times insulating backflow system.  
 Magnetic opening and closing.  
 Defined opening pressure (65 Pa) prevents rattling.  
 Full opening even at low flow rates.  
 Telescopic wall duct 350 - 500 mm for round pipe connection piece DN 150.

**Planning notes**

Conform to blower-door test.  
 For connection of round pipe DN 150 or flat pipe DN 150. Wall breakthrough  $\varnothing$  155 mm.

## Accessories | special accessories for ventilation appliances

### Excellent performance thanks to optimal ducting and installation.

Intelligently selecting and installing the duct system not only has a very positive effect on the output of the ventilation system; it also minimises the noise generated. It is therefore decisive for the efficiency of the entire ventilation system.

### The duct type.

In Gaggenau's accessories catalogue, customers can select the type of duct appropriate to their needs, whether aluflex pipe, round duct or a flat duct system. Depending on the duct type, they can choose from the nominal sizes DN 150 and DN 200. For maximum output with minimal noise, the diameter should always be as large as possible.

For straight ducting, the use of plastic or metal ducts with smooth, level inner surfaces is recommended. These enable a laminar flow of air during extraction, without air turbulence. For sections that are not straight and for bends, aluflex pipe are preferred because they make it possible to avoid hard edges.

Where space limitations are a concern, the first choice is the Gaggenau flat duct system. The remarkable design with special conducting fins in the bends and junction pieces allow for a very low height and large nominal size, thus ensuring very efficient air circulation. This also applies in situations where there are many bends. We strongly discourage the use of other flat ducts due to the high output losses in duct bends, duct corners and junction pieces.

Spiral and corrugated ducts should definitely not be used. In addition to displaying the worst flow conditions, these types also tend to flutter and thus generate noise.

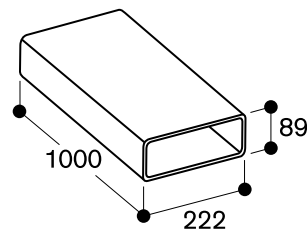
### The duct diameter.

A good guideline here is: The duct diameter should be as large and constant as possible, while the ducting should be as short and straight as possible. The wall outlet must correspond to the duct diameter.

Please observe the local applicable building regulation when configuring ventilation solutions.

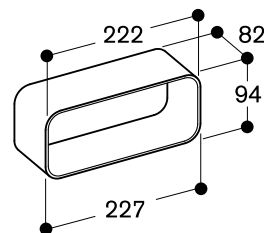
#### AD 852 010

Flat duct  
Plastic  
DN 150 flat  
Length 1000 mm



#### AD 852 040

Flat duct pipe connector  
Plastic  
DN 150 flat

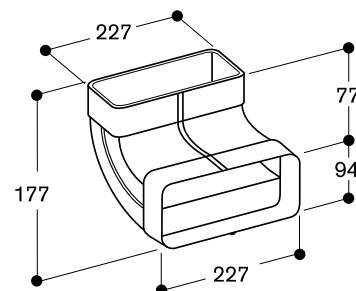


#### Planning notes

Flat duct pipe connector necessary for: Combination of 2 flat ducts and direct connection of flat duct to AD 854 046 and AD 854 048, also direct connection remote fan AR 403.

#### AD 852 030

Flat duct bend 90° vertical  
Plastic  
DN 150 flat



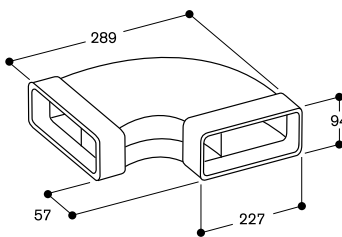
#### Planning notes

For connecting 2 duct bends together (e.g. 90° horizontal duct bend and a 90° vertical duct bend), a piece of flat duct is required, which can be shortened to the required length by cutting it to size.



**AD 852 031**

Flat duct bend 90° horizontal  
Plastic  
DN 150 flat

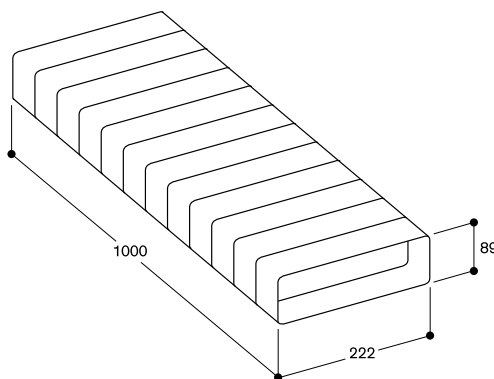


**Planning notes**

For connecting 2 duct bends together (e.g. 90° horizontal duct bend and a 90° vertical duct bend), a piece of flat duct is required, which can be shortened to the required length by cutting it to size.

**AD 853 011**

Flat duct system flex pipe  
Plastic  
DN 150 flat  
Length: 1000 mm

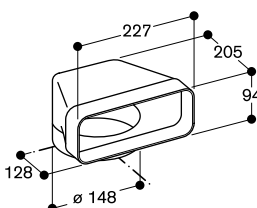


**Planning notes**

Recommended for the combination with the air collector box AD 704 049 and AL 400 downwards.

**AD 852 042**

Flat duct adapter round 90°  
Plastic  
DN 150 flat

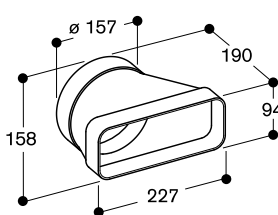


**Planning notes**

Direct connection to aluflex pipe.

**AD 852 041**

Flat duct adapter round  
Plastic  
DN 150 flat

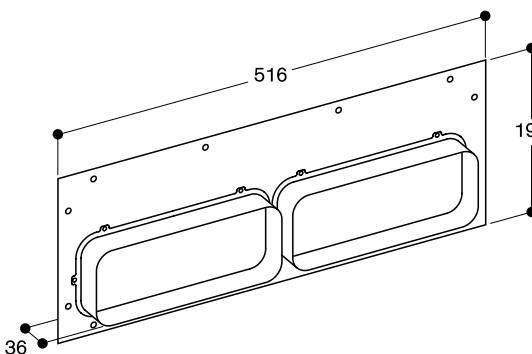


**Planning notes**

Connection to the round adapter of a remote fan unit or wall box. In combination with aluflex pipe, the pipe connector RV is necessary.

**AD 854 045**

Connecting piece  
AL 400 for flat duct, 2 x DN 150  
Metal zinc plated  
DN 150 flat



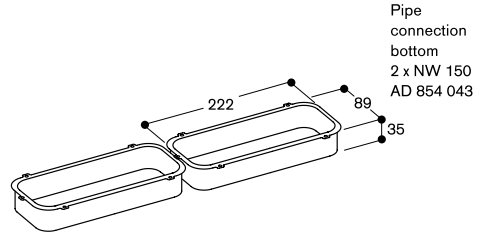
AD 854 045

**Planning notes**

Can be fitted on the front or back side of the AL 400.

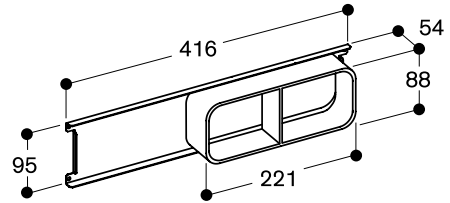
# Accessories | special accessories for ventilation appliances

**AD 854 043**  
 Connecting piece  
 AL 400 for flat duct, 2 x DN 150  
 Metal zinc plated  
 DN 150 flat



**Planning notes**  
 Can be fitted on the underside of the AL 400.  
 Set of two.

**AD 854 046**  
 Flat duct connecting piece for VL 414  
 Metal zinc plated with plastic  
 DN 150 flat



**Planning notes**  
 One piece needed for each VL 414 to be connected to flat ducts.  
 Outlet to the left/right possible.

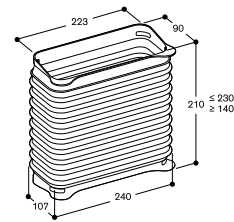
**Ventilation moulding**  
**AA 414 010**  
 Ventilation moulding for VL 414 next to gas appliance.



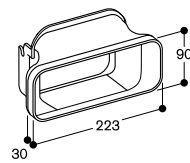
**Ventilation moulding**  
**LS 041 001**  
 Ventilation moulding for VL 200 next to gas appliance.



**AD 410 040**  
 Flexible connecting piece for VL 200  
 DN 150 flat



**AD 851 041**  
 Connecting piece VL 200 for extension with flat duct DN 150 for extra deep worktop



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**AA 010 410**

Air exhaust grill air recirculation  
Stainless steel-coloured, 90 cm,  
including installation fittings, height  
adjustable.

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**AA 409 401**

Furniture support for table ventilation  
AL 400 90 cm  
Can be combined with table ventilation  
AL 400.  
Recommended as bearer for the  
worktop, instead of a cabinet frame.

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**AA 409 431**

Furniture support for table ventilation  
AL 400 120 cm  
Can be combined with table ventilation  
AL 400.  
Recommended as bearer for the  
worktop, instead of a cabinet frame.

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## Accessories | special accessories for ventilation appliances

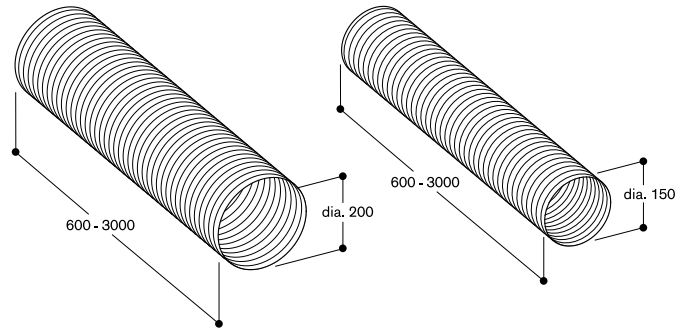
### AD 751 010

Aluflex pipe  
Aluminium  
DN 150 round



#### Planning notes

Recommended only for routing ducting through air paths which are not in a straight line or for round wall and floor apertures. 2 hose clamps enclosed. For combination with all adapters, press the pipe wall flat at the ends. 2 aluflex pipes must be connected with a pipe connection piece for aluflex pipes.



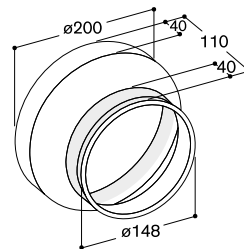
### AD 704 040

Pipe adapter DN 200/150 round  
Metal zinc plated  
DN 200 round  
Reduce DN 200 connection to DN 150 connection.



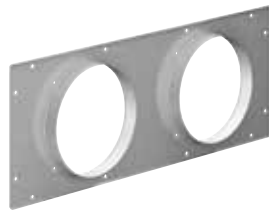
#### Planning notes

Can be combined with telescopic wall-duct DN 200 and pipe connector DN 150.



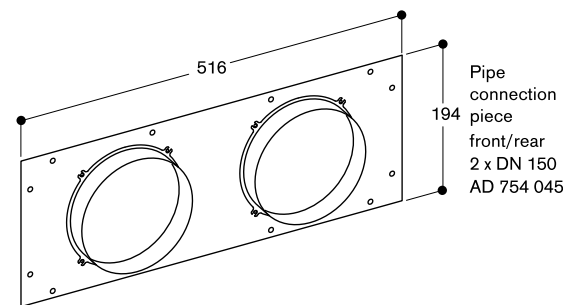
### AD 754 045

Connecting piece AL 400 for aluflex pipe, 2 x DN 150 round  
Metal zinc plated  
DN 150 round



#### Planning notes

Can be fitted on the front or back of the AL 400.



### AD 724 042

Connection piece for round pipe  
DN 150



#### Planning notes

For VL 414  
For installation to left or right side of VL additional adaptor AD 724 041 is necessary.

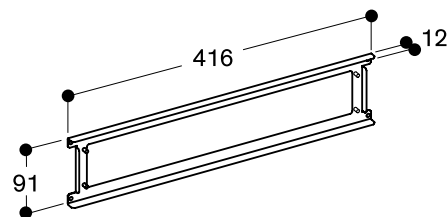
### AD 724 041

Round duct connection additional adaptor for VL 414 on the side  
Metal zinc plated  
DN 150 round



#### Planning notes

One piece needed for each VL to be connected to round ducts DN 150 to the left/right.



**AD 990 090**

Adhesive tape for duct components  
Plastic  
10 m/roll



**Planning notes**

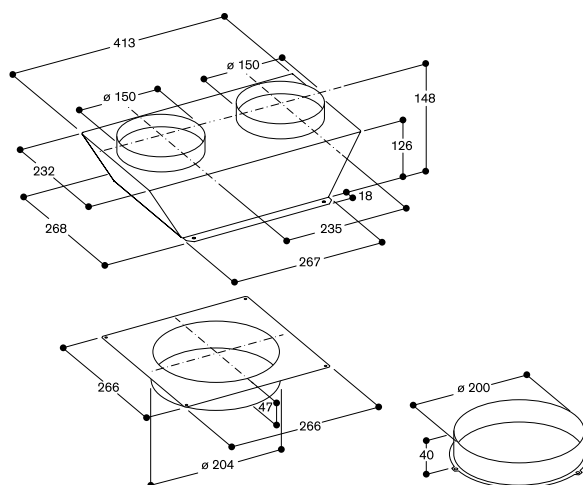
In order that ducting is well sealed and air leaks are consequently prevented, the adhesive tape AD 990 090 is necessary at all pipe connection piece points. The adhesive tape is heat- and UV-resistant.

**AD 704 048**

Air collector box round duct for AL 400  
Metal zinc plated  
DN 150 round

**Planning notes**

2 x DN 150 round duct air intake.  
To connect 1 x AL 400 to AR 403/413.  
1 x DN 200 air outlet.

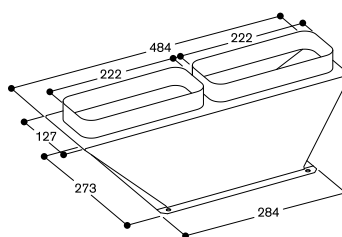


**AD 704 049**

Air collector flat duct for AL 400  
Metal zinc plated  
DN 150 flat

**Planning notes**

2 x DN 150 flat duct air intake  
To connect 1 x AL 400 to remote fan AR 403 / AR 413 bottom side.  
To connect the AL 400 and the remote fan AR 403 / AR 413 the flex duct AD 853 011 is possible and can be shortened to the appropriate length.  
The package includes four cable straps for fixing the flex duct AD 853 011.





## The cooling appliances

Vario cooling 400 series	144
Wine climate cabinet 400 series	148
Wine climate cabinet 200 series	149
Vario cooling 200 series	150
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Additional planning notes Vario cooling 400 series	156
Additional planning notes Vario cooling 200 series	160
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#### RY 492 504

With fresh cooling close to 0 °C  
Fully integrated  
Niche width 91.4 cm  
Niche height 213.4 cm  
Cooling section with two doors and one fully extendable freezing drawer

#### Included in the price

- 1 egg holder with lid
- 1 ice cube scoop

#### Installation accessories

##### RA 421 912

Stainless steel door panels with handles  
For RY 492, panel thickness 19 mm.

##### RA 423 340

Side trims, 2 pieces, for RY and RB.

##### RA 425 910

Handle bar, stainless steel, short  
For RB/RY 492, with 2 mounts, length 810 mm, drilling distance between the mounts 787 mm.

##### RA 428 912

Stainless steel door panels, handleless  
For RY 492, panel thickness 19 mm.

##### RA 460 000

Accessory for side-by-side installation.  
Not required if appliances are installed more than 160 mm apart from each other.

##### Included in delivery for RF and RW.

##### RA 460 013

Additional side heating element 230 V.  
Required if appliances are installed with a distance greater than 16 mm and less than 160 mm next to each other and for all built-in situations in a very humid environment. Not required if appliances are installed more than 160 mm apart from each other.

##### RA 460 030

Connecting element for vertically split fronts (for fridge-freezer combination).

##### RA 464 910

Ventilation grill stainless steel  
For RB/RY 492.

#### Special accessories

##### RA 430 100

Storage container with transparent lid, anthracite

#### Vario fridge-freezer combination

##### 400 series

##### RY 492

- Stainless steel interior with solid anthracite aluminium elements
- Warm white and glare-free LED light spots
- Opening assist for door with two options:
  1. Push-to-open function for integration into handleless furniture front
  2. Pull-to-open function to facilitate opening the door using a handle
- Flat stainless steel inner doors
- Almost invisible rail system for shelves and door racks for flexible positioning
- Solid anthracite aluminium door racks
- One fresh cooling drawer close to 0 °C with manually adjustable temperature and one fresh cooling drawer with manually adjustable humidity
- Integrated ice maker with fixed inlet water connection
- One asymmetrically split glass shelf, height adjustable
- Fully extendable freezer drawer with practical divider in anthracite
- TFT touch display
- Gross volume 633 litres
- Net volume 518 litres

#### Handling

TFT touch display operation.  
Clear text display.

#### Technical Features

Dynamic cold air distribution.  
Automatic defrosting with defrost water evaporation.  
Activated charcoal air filter.  
Rest mode certified by Star-K.  
When rest mode is active, the appliance can only be opened using a handle.  
Open-door and malfunction alarm.  
Home network integration for digital services (Home Connect) either via cable connection LAN (recommended) or wireless via WiFi. The use of the Home Connect functionality is not yet available in Australia. For further information please check: [home-connect.com](http://home-connect.com)

#### Cooling

No-Frost technology with fast cooling.  
Temperature adjustable from +2 °C to +8 °C.  
3 safety glass shelves, white glass, 2 of which are individually adjustable in height.  
1 asymmetrically split safety glass shelf, with manual height adjustment.  
4 brilliant LED light spots with warm white, glare-free light within cooling area and drawers.  
Flat door rail system with fully flexible positioning of door racks.  
6 height-adjustable door racks, 2 of which are extra deep.  
Gross volume 440 litres  
Net volume 344 litres.

#### Fresh cooling close to 0 °C

1 fully extendable fresh cooling drawer close to 0 °C with transparent front, illuminated.  
Temperature can be adjusted manually.  
Ideal for meat, fish and poultry.  
Net volume 34 litres.

#### Fresh cooling

1 fully extendable fresh cooling drawer with transparent front, illuminated.  
Humidity can be adjusted manually.  
Ideal for fruit and vegetables.

#### Freezing

No-frost technology with fast freezing at -30 °C.  
Temperature adjustable from -16 °C to -24 °C.  
4 star freezer compartment.  
Freezing capacity 16 kg/24 h.  
Storage time after a malfunction 17 h.  
2 fully extendable drawers.  
Interior lighting with 2 LED light spots, warm white light.  
Gross volume 193 litres  
Net volume 140 litres.

#### Ice maker

Integrated in the freezer compartment, with fixed inlet water connection.  
Particle filter for water inlet, integrated in ventilation grill area.  
Can be switched off.  
Ice cube production approx. 1.6 kg/24 h.  
Removable ice storage container with approx. 3 kg capacity.

#### Consumption data

3.5 star energy rating.  
436 kWh per year.  
Noise level 41 dB (re 1 pW).

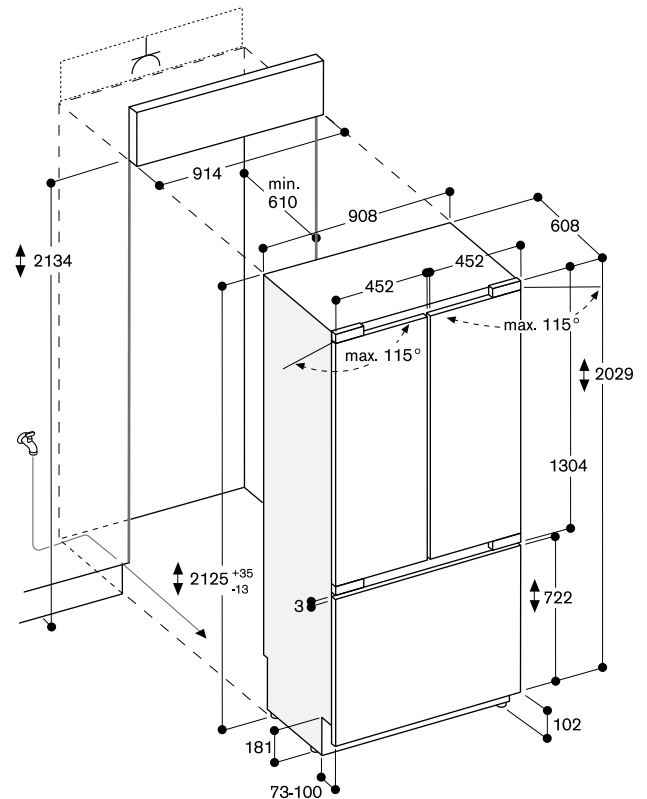
#### Planning notes

Flat hinge.  
Door opening angle of 115°, fixable at 90°.  
Max. door panel weight: Each door 67 kg.  
Drawer 10 kg.  
Shut-off valve for water connection must be planned next to the appliance and always be accessible.  
If the water pressure exceeds 0.8 MPa (8 bar), connect pressure relief valve between water tap and hose set.

Please read additional planning notes on page 152–159.

#### Connection

Total connected load 0.3 kW.  
Connecting cable 3.0 m, detachable.  
Water inlet.  
Supply hose 2.9 m with 3/4" connection.  
Water pressure 2 to 8 bar.



The maximum door panel dimensions are based on a clearance of 3 mm.



**RC 492 504**

With fresh cooling 0 °C  
Fully integrated  
Niche width 91.4 cm  
Niche height 213.4 cm

**Included in the price**

1 egg holder with lid

**Installation accessories****RA 421 911**

Stainless steel door panel with handle  
For 91.4 cm wide appliances, panel thickness 19 mm.

**RA 423 140**

Side trims, long.

**RA 425 110**

Handle bar, stainless steel, long  
With 3 mounts, length 1131 mm, drilling distance between each mount 554 mm.

**RA 428 911**

Stainless steel door panel, handleless  
For 91.4 cm wide appliances, panel thickness 19 mm.

**RA 460 000**

Accessory for side-by-side installation. Not required if appliances are installed more than 160 mm apart from each other. Included in delivery for RF and RW.

**RA 460 013**

Additional side heating element 230 V. Required if appliances are installed with a distance greater than 16 mm and less than 160 mm next to each other and for all built-in situations in a very humid environment. Not required if appliances are installed more than 160 mm apart from each other.

**Special accessories****RA 430 100**

Storage container with transparent lid, anthracite

**Vario refrigerator 400 series****RC 492**

- Stainless steel interior with solid anthracite aluminium elements
- Warm white and glare-free LED light spots
- Opening assist for door with two options:
  1. Push-to-open function for integration into handleless furniture front
  2. Pull-to-open function to facilitate opening the door using a handle
- The drawers in the RC and RF models are positioned at the same height. With side-by-side installation, the glass shelves can be aligned on the same level
- Flat stainless steel inner door, full-length
- Almost invisible rail system for shelves and door racks for flexible positioning
- Solid anthracite aluminium door racks
- One fresh cooling drawer 0 °C with temperature control from -1 °C to +3 °C and one fresh cooling drawer with manually adjustable humidity
- TFT touch display
- Gross volume 669 litres
- Net volume 567 litres

**Handling**

TFT touch display operation.  
Clear text display.

**Technical Features**

Dynamic cold air distribution.  
Automatic defrosting with defrost water evaporation.  
Cushioned door closing system.  
Activated charcoal air filter.  
Rest mode certified by Star-K.  
When rest mode is active, the appliance can only be opened using a handle.  
Open-door and malfunction alarm.  
Home network integration for digital services (Home Connect) either via cable connection LAN (recommended) or wireless via WiFi. The use of the Home Connect functionality is not yet available in Australia. For further information please check: [home-connect.com](http://home-connect.com)

**Cooling**

No-Frost technology with fast cooling.  
Temperature adjustable from +2 °C to +8 °C.  
4 safety glass shelves, white glass, 3 of which are individually adjustable in height.  
1 shallow, fully extendable drawer with transparent front.  
4 brilliant LED light spots with warm white, glare-free light within cooling area and drawers.  
Flat door rail system with fully flexible positioning of door racks.  
3 height adjustable door racks, 1 of which is extra deep.  
Net volume 509 litres.

**Fresh cooling 0 °C**

1 large, fully extendable fresh cooling 0 °C drawer with transparent front, illuminated.

Temperature control via central TFT display, temperature can be adjusted from -1 °C to +3 °C.

Ideal for meat, fish and poultry.  
Net volume 58 litres.

**Fresh cooling**

1 fully extendable fresh cooling drawer with transparent front, illuminated.  
Humidity can be adjusted manually.  
Ideal for fruit and vegetables.

**Consumption data**

3.5 star energy rating.  
266 kWh/year.  
Noise level 40 dB (re 1 pW).

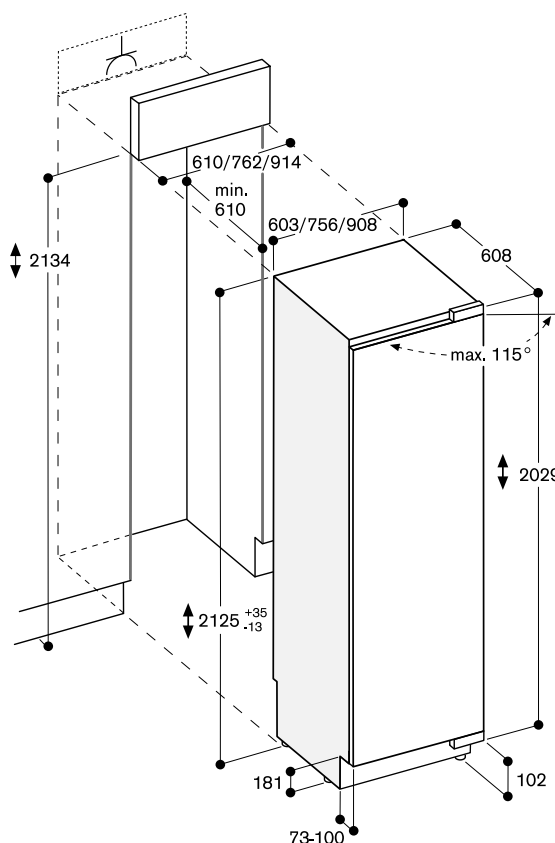
**Planning notes**

Flat hinge.  
Door hinge right, reversible.  
Door opening angle of 115°, fixable at 90°.  
Max. door panel weight 43 kg.

Please read additional planning notes on page 152–159.

**Connection**

Total connected load 0.300 kW.  
Connecting cable 3.0 m, with plug.



The maximum door panel dimensions are based on a clearance of 3 mm.



#### RC 462 504

With fresh cooling 0 °C  
Fully integrated  
Niche width 61 cm  
Niche height 213.4 cm

#### Included in the price

1 egg holder with lid

#### Installation accessories

##### RA 421 610

Stainless steel door panel with handle  
For 61 cm wide appliances, panel thickness 19 mm.

##### RA 423 140

Side trims, long.

##### RA 425 110

Handle bar, stainless steel, long  
With 3 mounts, length 1131 mm,  
drilling distance between each mount  
554 mm.

##### RA 428 610

Stainless steel door panel, handleless  
For 61 cm wide appliances, panel  
thickness 19 mm.

##### RA 460 000

Accessory for side-by-side installation.  
Not required if appliances are installed  
more than 160 mm apart from each  
other.

Included in delivery for RF and RW.

##### RA 460 013

Additional side heating element 230 V.  
Required if appliances are installed  
with a distance greater than 16 mm  
and less than 160 mm next to each  
other and for all built-in situations in a  
very humid environment. Not required  
if appliances are installed more than  
160 mm apart from each other.

##### RA 460 020

Connecting element for vertically split  
appliance fronts (for a flush front).

##### RA 464 611

Ventilation grill stainless steel  
For 61 cm wide appliances.

#### Special accessories

##### RA 430 100

Storage container with transparent lid,  
anthracite

#### Vario refrigerator 400 series

##### RC 462

- Stainless steel interior with solid anthracite aluminium elements
- Warm white and glare-free LED light spots
- Opening assist for door with two options:
  1. Push-to-open function for integration into handleless furniture front
  2. Pull-to-open function to facilitate opening the door using a handle
- The drawers in the RC and RF models are positioned at the same height. With side-by-side installation, the glass shelves can be aligned on the same level
- Flat stainless steel inner door, full-length
- Almost invisible rail system for shelves and door racks for flexible positioning
- Solid anthracite aluminium door racks
- One fresh cooling drawer 0 °C with temperature control from -1 °C to +3 °C and one fresh cooling drawer with manually adjustable humidity
- TFT touch display
- Gross volume 422 litres
- Net volume 356 litres

#### Handling

TFT touch display operation.  
Clear text display.

#### Technical Features

Dynamic cold air distribution.  
Automatic defrosting with defrost water evaporation.  
Activated charcoal air filter.  
Rest mode certified by Star-K.  
When rest mode is active, the appliance can only be opened using a handle.  
Open-door and malfunction alarm.  
Home network integration for digital services (Home Connect) either via cable connection LAN (recommended) or wireless via WiFi. The use of the Home Connect functionality is not yet available in Australia. For further information please check: [home-connect.com](http://home-connect.com)

#### Cooling

No-Frost technology with fast cooling.  
Temperature adjustable from +2 °C to +8 °C.  
4 safety glass shelves, white glass, 3 of which are individually adjustable in height.  
1 shallow, fully extendable drawer with transparent front.  
4 brilliant LED light spots with warm white, glare-free light within cooling area and drawers.  
Flat door rail system with fully flexible positioning of door racks.  
4 height adjustable door racks, 1 of which is extra deep.  
Net volume 321 litres.

#### Fresh cooling 0 °C

1 large, fully extendable fresh cooling 0 °C drawer with transparent front, illuminated.  
Temperature control via central TFT display, temperature can be adjusted from -1 °C to +3 °C.  
Ideal for meat, fish and poultry.  
Net volume 35 litres.

#### Fresh cooling

1 fully extendable fresh cooling drawer with transparent front, illuminated.  
Humidity can be adjusted manually.  
Ideal for fruit and vegetables.

#### Consumption data

3.5 star energy rating.  
224 kWh per year.  
Noise level 38 dB (re 1 pW).

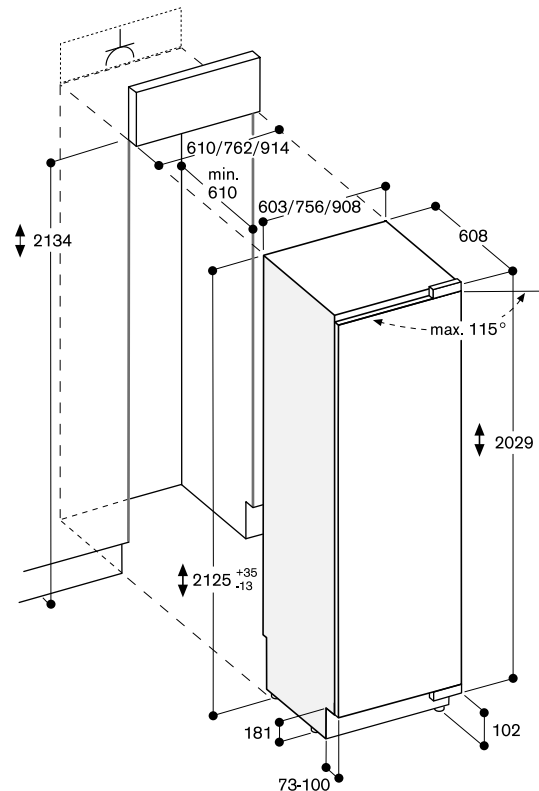
#### Planning notes

Flat hinge.  
Door hinge right, reversible.  
Door opening angle of 115°, fixable at 90°.  
Max. door panel weight 41 kg.

Please read additional planning notes on page 152–159.

#### Connection

Total connected load 0.3 kW.  
Connecting cable 3.0 m, detachable.



The maximum door panel dimensions are based on a clearance of 3 mm.

**RF 463 505**

Fully integrated  
Niche width 61 cm  
Niche height 213.4 cm  
Integrated ice maker with fixed inlet water connection  
Left-hinged

**Included in the price**

Accessory for side-by-side installation

**Installation accessories****RA 422 610**

Stainless steel door panel with handle  
For RF 463, panel thickness 19 mm.

**RA 423 140**

Side trims, long.

**RA 425 110**

Handle bar, stainless steel, long  
With 3 mounts, length 1131 mm,  
drilling distance between each mount  
554 mm.

**RA 428 810**

Stainless steel door panel, handleless  
For RF 463, panel thickness 19 mm.

**RA 460 000**

Accessory for side-by-side installation.  
Not required if appliances are installed  
more than 160mm apart from each  
other.

Included in delivery for RF and RW.

**RA 460 013**

Accessory for side-by-side installation.  
Not required if appliances are installed  
more than 160 mm apart from each  
other.

Included in delivery for RF and RW.

**RA 460 020**

Connecting element for vertically split  
appliance fronts (for a flush front).

**RA 464 614**

Ventilation grill stainless steel  
For RF 463, with filter, left-hinged.

**Special accessories****RA 450 000**

Mechanical particle filter.

**Vario freezer 400 series****RF 463**

- Stainless steel interior with solid anthracite aluminium elements
- Warm white and glare-free LED light spots
- Opening assist for door with two options:
  1. Push-to-open function for integration into handleless furniture front
  2. Pull-to-open function to facilitate opening the door using a handle
- The drawers in the RC and RF models are positioned at the same height. With side-by-side installation, the glass shelves can be aligned on the same level
- Flat stainless steel inner door, full-length
- Almost invisible rail system for shelves for flexible positioning
- Ice and water dispenser in the door
- Proximity sensor for ice and water dispenser
- Illuminated dispenser for ice cubes, crushed ice and chilled water
- TFT touch display
- Gross volume 359 litres
- Net volume 300 litres

**Handling**

TFT touch display operation.  
Clear text display.  
Touch key operation for ice and water dispenser.

**Technical Features**

Dynamic cold air distribution.  
Automatic defrosting with defrost water evaporation.  
Rest mode certified by Star-K.  
When rest mode is active, the appliance can only be opened using a handle.  
Open-door and malfunction alarm.  
Home network integration for digital services (Home Connect) either via cable connection LAN (recommended) or wireless via WiFi. The use of the Home Connect functionality is not yet available in Australia. For further information please check: [home-connect.com](http://home-connect.com)

**Freezing**

No-frost technology with fast freezing at -30 °C.  
Temperature adjustable from -16 °C to -24 °C.  
4 star freezer compartment.  
Freezing capacity 14 kg/24 h.  
Storage time after a malfunction 10 h.  
4 safety glass shelves, white glass, 2 of which are individually height adjustable.  
2 fully extendable drawers with transparent front.  
Brilliant LED light spots with warm white, glare-free light.

**Ice and water dispenser**

Warm white LED lighting.  
Proximity sensor for automatic activation of light and touch keys for ice and water dispenser.  
Integrated, with fixed inlet water connection.  
Particle filter for water inlet, integrated in ventilation grill area.  
Can be switched off.  
Ice cube production approx. 1.4 kg/24 h.  
Ice cubes and crushed ice.  
Removable ice storage container with approx. 3.2 kg capacity.  
Ice water supply approx. 1.5 litres.

**Consumption data**

3.5 star energy rating.  
353 kWh per year.  
Noise level 38 dB (re 1 pW).

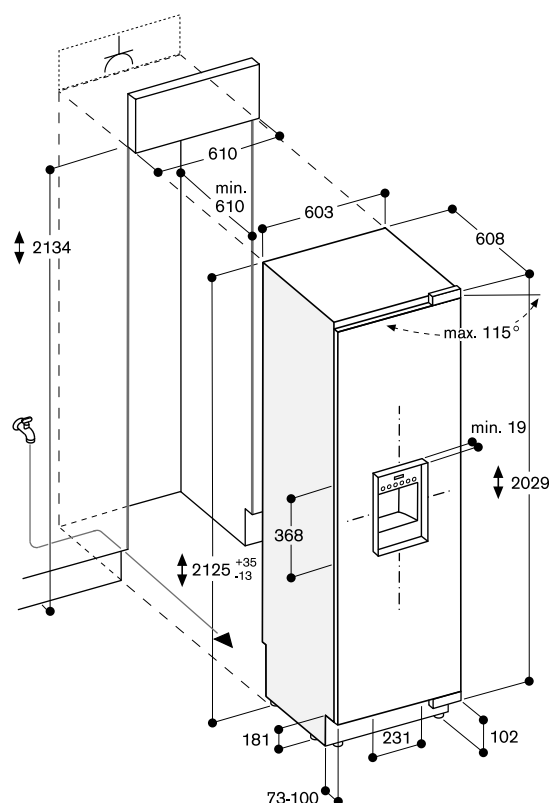
**Planning notes**

Flat hinge.  
Door opening angle of 115°, fixable at 90°.  
For an installation with a door opening angle of 90°, the drawers have a restricted access.  
Max. door panel weight 67 kg.  
Shut-off valve for water connection must be planned next to the appliance and always be accessible.  
If the water pressure exceeds 0.8 MPa (8 bar), connect pressure relief valve between water tap and hose set.

Please read additional planning notes on page 152–159.

**Connection**

Total connected load 0.3 kW.  
Connecting cable 3.0 m, detachable.  
Water inlet.  
Supply hose 2.0 m with 3/4" connection.  
Water pressure 2 to 8 bar.



The maximum door panel dimensions are based on a clearance of 3 mm.



**Vario wine climate cabinet 400 series**  
**RW 466**

- Three independently controllable climate zones
- Consistent temperatures with exact control from +5 °C to +20 °C
- Humidity control
- Stainless steel interior
- Fully extendable bottle trays in oak wood and solid aluminium in anthracite
- Bottle trays with hidden telescopic rails
- Warm white and glare-free LED light spots
- Five preset lighting scenarios, selectable via TFT display
- Opening assist for door with two options:
  1. Push-to-open function for integration into handleless furniture front
  2. Pull-to-open function to facilitate opening the door using a handle
- Low-vibration operation
- TFT touch display
- Capacity 99 bottles

**Handling**

TFT touch display operation.  
 Clear text display.

**Technical Features**

Dynamic cold air distribution.  
 Automatic defrosting with defrost water evaporation.  
 Activated charcoal air filter.  
 UV-protection.  
 Rest mode certified by Star-K. When rest mode is active, the appliance can only be opened using a handle.  
 Open-door and malfunction alarm.  
 Home network integration for digital services (Home Connect) either via cable connection LAN (recommended) or wireless via WiFi. The use of the Home Connect functionality is not yet available in Australia. For further information please check: [home-connect.com](http://home-connect.com)

**Features**

Capacity 99 bottles (based on 0.75 l standard bottles).  
 12 bottle trays:  
 - 9 fully extendable trays  
 - 3 suitable for storage of Magnum bottles.  
 Flexible interior configuration possible by adding or removing fully extendable bottle trays.  
 Storage of up to 12 Magnum bottles with standard tray configuration (12 bottle trays).  
 Space for max. 12 bottle trays.  
 2 brilliant LED light spots with warm white, glare-free light in each climate zone.  
 5 different lighting scenarios can be selected for individual wine presentation.  
 Gross volume 441 litres.  
 Net volume 361 litres.

**Consumption data**

Energy consumption  
 171 kWh/year.  
 Noise level 42 dB (re 1 pW).

**RW 466 364**

Fully integrated, with glass door  
 Niche width 61 cm  
 Niche height 213.4 cm

**Installation accessories**

**RA 420 010**

Door lock for RW 414 and RW 464.

**RA 421 611**

Stainless steel door panel frame with handle  
 For 61 cm wide appliances, left-hinged, panel thickness 19 mm.

**RA 421 612**

Stainless steel door panel frame with handle  
 For 61 cm wide appliances, right-hinged, panel thickness 19 mm.

**RA 423 140**

Side trims, long.

**RA 425 110**

Handle bar, stainless steel, long  
 With 3 mounts, length 1131 mm, drilling distance between each mount 554 mm.

**RA 428 611**

Stainless steel door panel frame, handleless  
 For 61 cm wide appliances, panel thickness 19 mm.

**RA 460 013**

Additional side heating element 230 V. Required if appliances are installed with a distance greater than 16 mm and less than 160 mm next to each other and for all built-in situations in a very humid environment. Not required if appliances are installed more than 160 mm apart from each other.

**RA 464 611**

Ventilation grill stainless steel  
 For 61 cm wide appliances.

**Special accessories**

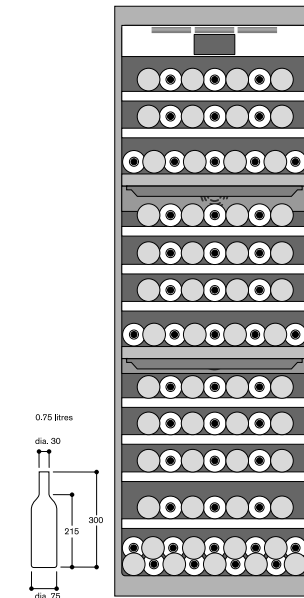
**RA 430 000**

Screw hole cover set. 8 pieces.

**RA 492 660**

Removable shelf with oak wood frame  
 Suitable for decanters and open bottles.  
 For 61 cm wide appliances.

Bottle storage



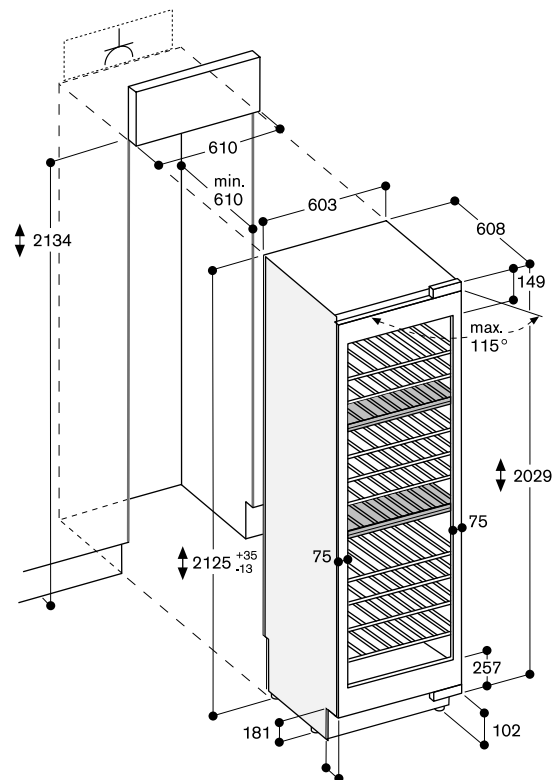
**Planning notes**

Flat hinge.  
 Door hinge right, reversible.  
 Door opening angle of 115°, fixable at 90°.  
 Max. door panel weight 73 kg.  
 The mains socket needs to be planned outside the built-in niche.  
 No transport/operation above 1,500 m sea level.

Please read additional planning notes on page 152–159.

**Connection**

Total connected load 0.3 kW.  
 Connecting cable 3.0 m, detachable.



The maximum door panel dimensions are based on a clearance of 3 mm.

**RW 404 261**

Under-counter, stainless steel-framed glass door  
Niche width 60 cm, Niche height 82 cm

**Special accessories****RA 050 220**

Replacement activated charcoal air filter for RW 404.

**RA 097 600**

Accessory for side-by-side installation of two under-counter wine climate cabinets

**Wine climate cabinet 200 series****RW 404**

- Two independently controllable climate zones
- Consistent temperatures with exact control from +5 °C to +20 °C
- Humidity control
- Extendable bottle trays in beech and aluminium
- LED lighting
- Cushioned door closing system allowing a soft and controlled door closure
- Lockable door
- Capacity 34 bottles
- Side-by-side installation possible with special accessory

**Handling**

Electronic temperature control with digital display.  
Touch keys.  
Presentation light option in each climate zone, dimmable.  
Interior lighting with automatic dimming with opening and closing of door.

**Technical Features**

Dynamic cold air distribution.  
Automatic defrosting with defrost water evaporation.  
Cushioned door closing system integrated in door hinge.  
1 activated charcoal air filter for both climate zones.  
UV-protection.  
Open-door and malfunction alarm.  
Dust filter, dishwasher-safe.

**Features**

Gross volume 123 litres.  
Net volume 94 litres.  
Capacity 34 bottles (based on 0.75 l standard bottles).  
5 bottle trays, 3 of which are extendable.  
Storage of magnum bottles possible.  
LED lighting

**Consumption data**

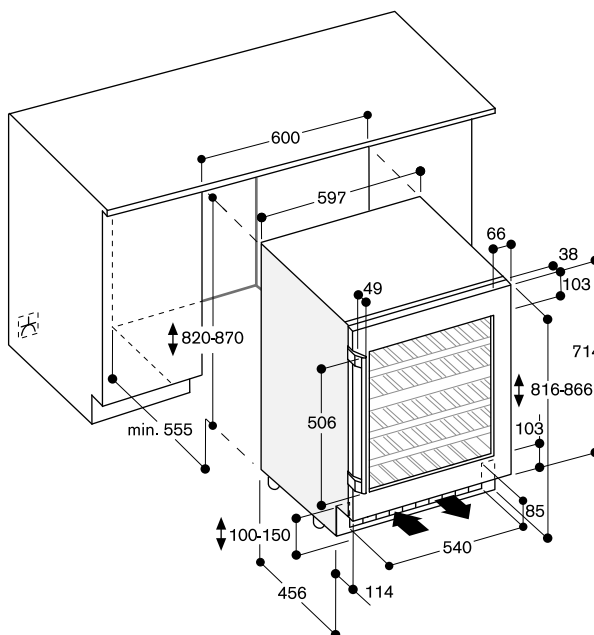
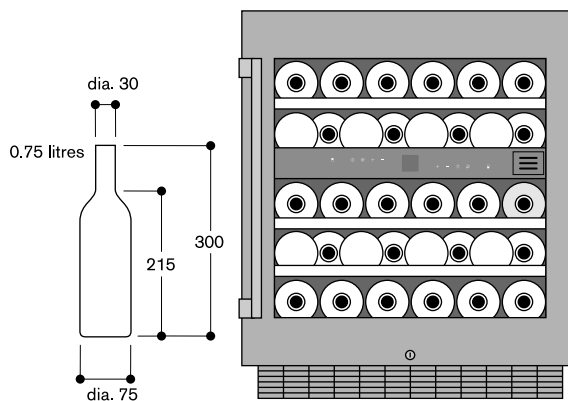
Energy consumption 144 kwh/year.  
Noise level 38 dB (re 1 pW).

**Planning notes**

Flat hinge.  
Door hinge right, reversible.  
Height-adjustable feet.  
Door opening angle fixable at 95°.  
For integration next to a side wall a clearance of 150 mm hinge side is necessary.  
The mains socket needs to be planned outside the built-in niche.  
No transport/operation above 1,500 m sea level.

**Connection**

Total connected load 0.13 kW.  
Connecting cable 2.0 m with plug.

**Bottle storage**



#### RB 287 503

Fully integrated  
Niche width 56 cm  
Niche height 177.5cm

#### Included in the price

2 cold accumulator  
2 egg tray  
1 wine and champagne rack  
1 glass tray  
1 ice cube tray  
1 gastronorm insert 1/3 stainless steel  
1 gastronorm lid 1/3 stainless steel

#### Special accessories

RA 430 100  
Storage container with transparent lid, anthracite

#### Vario fridge-freezer combination

##### 200 series

##### RB 287

- Unique usage concept:
  - Maximum usage of interior: stepped shelf, full depth shelves as well as integrated fixtures for various containers
  - Easy access: fully extendable shelves and drawers
  - Optimal overview: intelligent lighting concept, use of glass and transparent materials
  - Efficient preparation, cooking and storage with Gaggenau appliances: integration of Gastronorm inserts
- Enlarged interior with 264 litre net volume through compressor relocation
- Cushioned door closing system allowing a soft and controlled door closure
- Smooth running fully extendable telescopic pull-out racks and a cushioned closing system allow a soft and controlled closure of the drawers
- Gross volume 287 litres
- Net volume 264 litres

#### Handling

Electronic temperature control with temperature display.  
Touch keys.

#### Technical Features

Dynamic cold air distribution.  
Cushioned door closing system from 20° door opening angle, integrated in door hinge.  
Open-door and malfunction alarm.

#### Cooling

Gross volume 196 litres.  
Net volume 189 litres.  
Fast cooling.  
Automatic defrosting with defrost water evaporation.  
Temperature adjustable from +2°C to +8°C.  
3 safety glass shelves, 2 of which are height adjustable and 1 fully extendable.  
Wine and champagne rack for 4 bottles, can be completely folded away.  
Fixture for storing glass tray.  
1 large door rack with aluminium profile for bottles with flexible bottle holder.  
2 door racks with aluminium profile.  
1 vegetable drawer.  
Bright interior lighting with integrated glare-free side light elements.  
Stepped shelf in aluminium for optimum use of interior and for storing GN inserts.  
Possible combinations:  
1 x 1/3 GN  
2 x 1/3 GN  
3 x 1/3 GN  
1 x 2/3 GN  
1 x 2/3 GN and 1 x 1/3 GN

#### Freezing

Gross volume 91 litres  
Net volume 75 litres.  
No-frost technology with fast freezing.  
Temperature adjustable from -16°C to -24°C.  
4 star freezer compartment.  
Freezing capacity 15 kg/24 h.  
Storage time after a malfunction 16 h.  
3 freezer drawers, 1 of which extra large.

#### Consumption data

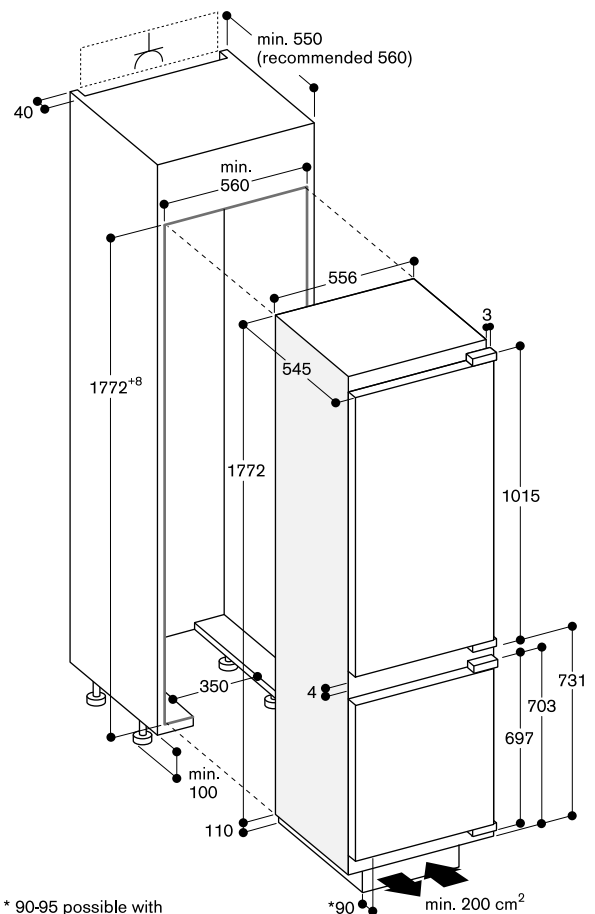
3 star energy rating  
330 kWh per year.  
Noise level 39 dB (re 1 pW).

#### Planning notes

Flat hinge.  
Door hinge right, reversible.  
Door opening angle of 115°, fixable at 90°.  
Appliance plinth recess 90 mm.  
Max. door panel weight:  
Upper door 22 kg.  
Lower door 22 kg.  
Necessary gap between furniture door panels 4 mm.

#### Connection

Total connected load 0.12 kW  
Connecting cable 1.9 m with plug.



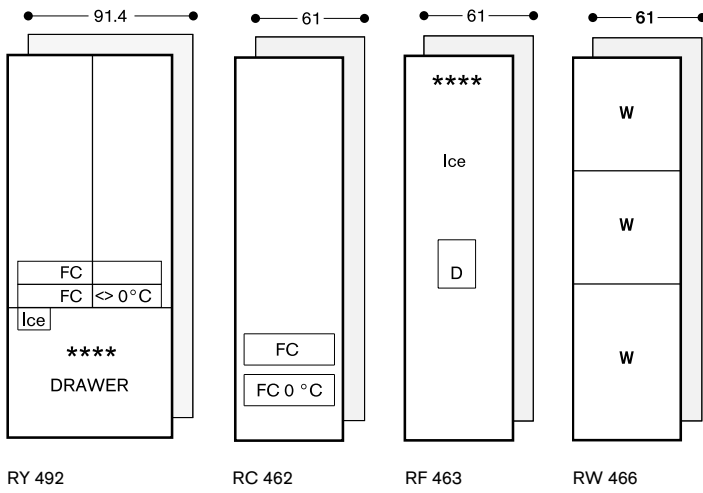
\*90-95 possible with  
spare part: No. 11022849

\*90° min. 200 cm²

# Overview

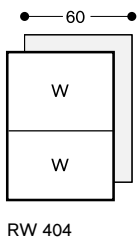
## Vario cooling 400 series

Niche 213 cm



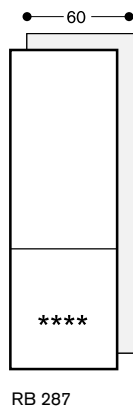
## Wine climate cabinet 200 series

Niche 82 cm / Under bench



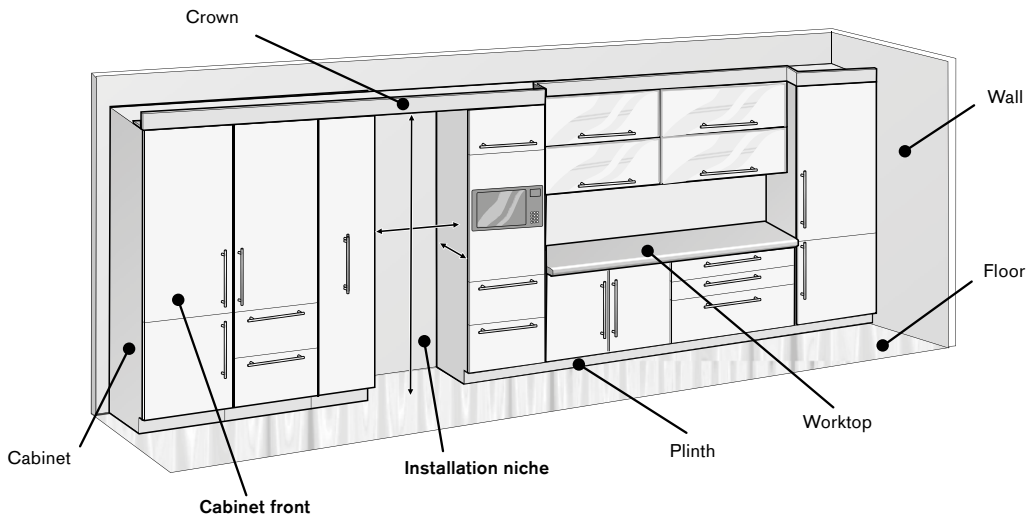
## Vario cooling 200 series

Niche 178 cm

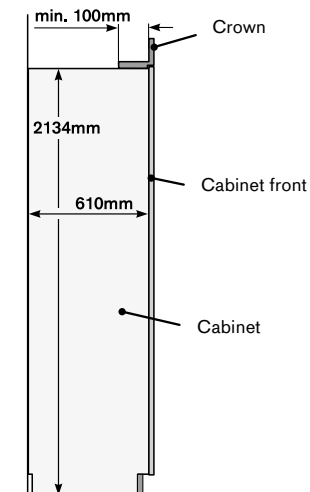


- FC:** Fresh cooling
- FC <> 0 °C:** Fresh cooling close to 0 °C
- FC 0 °C:** Fresh cooling 0 °C
- W:** Wine
- D:** Ice and water dispenser
- Ice:** Ice maker

## Planning principle for an individual appliance



### Vertical cut Installation niche



### Installation niche for an individual cooling appliance (example: 610 mm wide)

In this example, the installation niche is formed by two tall cupboards (left and right) with an appropriate crown to the niche.

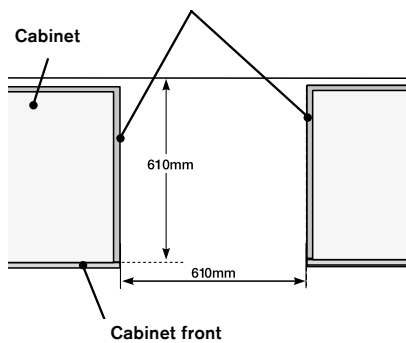
The cabinet door for the appliance comes in an identical design to the other kitchen fronts.

Requirements for the installation niche:

- The side walls of the installation niche must be completely even and flat along their entire depth
- Crown is at least 100 mm deep and made of a solid material (min. 16 mm thick)
- Width of the installation niche: 610 mm
- Depth of the installation niche: 610 mm

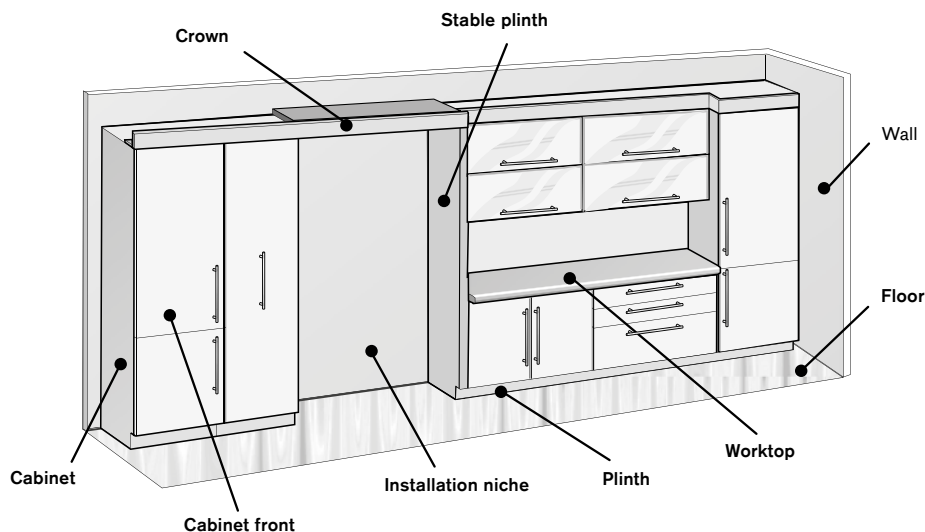
The side walls of the installation niche must be completely even and flat along their entire depth.

### Horizontal cut Installation niche

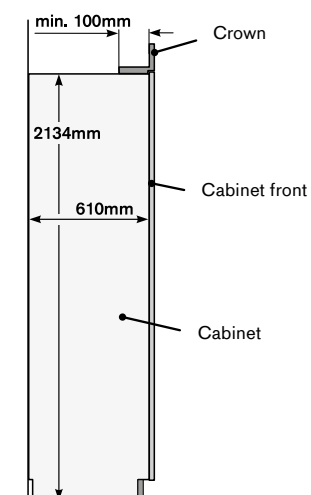




## Planning principle for a side-by-side solution



### Vertical cut Installation niche



### Installation niche for a side-by-side solution

- 610 mm cooling appliance (right)
- 610 mm freezer (left)

In this example, the installation niche is formed by a tall cupboard (left) and a stable plinth (right) together with an appropriate crown for the niche.

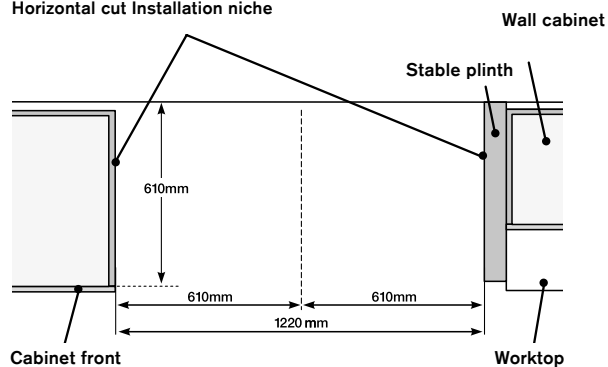
The cabinet door for both appliances comes in an identical design to the other kitchen fronts.

Requirements for the installation niche:

- The side walls of the installation niche must be completely even and flat along their entire depth
- Crown is at least 100 mm deep and made of a solid material (min. 16 mm thick)
- Width of the installation niche:  
610 mm + 610 mm = 1.220 mm
- Depth of the installation niche: 610 mm

The side walls of the installation niche must be completely even and flat along their entire depth.

### Horizontal cut Installation niche



## Planning examples




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### Side-by-side solution 1

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**RF 463 / RC 492**

**Usability limitations:** No limitation.

**Installation accessories:** 1x RA 460 000 installation accessories for side-by-side installation (SxS)\*.

**Notes:** Door hinges on the outside.




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### Side-by-side solution 2

---

**RW 466 / RC 462**

**Usability limitations:** No limitation.

**Installation accessories:** 1x RA 460 000 installation accessories for side-by-side installation (SxS)\*.

**Notes:** Door hinges on the outside. Change door hinge of RW. If using the stainless steel fronts with a handle (installation accessories), select the correct door hinges for the RW.




---

### Side-by-side solution 3

---

**RW 466 / RY 492**

**Usability limitations:** Not all doors can be opened at the same time. The left door of the RY may collide with the handle of the RW.

**Installation accessories:** 1x RA 460 000 installation accessories for side-by-side installation (SxS)\*.

**Notes:** Fitting the left RY doors at 90° is recommended. Change door hinge of RW. If using the stainless steel fronts with a handle (installation accessories), select the correct door hinges for the RW.




---

### Combination of 3

---

**RF 463 / RW 466 / RC 462**

**Usability limitations:** The doors of RW and RC cannot be opened at the same time, but one after another.

**Installation accessories:** 2 x RA 460 000 installation accessories for side-by-side installation (SxS)\*.

**Notes:** All three appliances must be connected to each other before installation and pushed together into the installation niche.




---

### Maximum distance

---

**RF 463 / RC 462 / RW 466 / RC 492**

**Usability limitations:** No limitation. All doors can be opened fully.

**Installation accessories:** 2x RA 460 000 (SxS)\*.

**Notes:** Two separate installation niches. Clearance is large enough to open all doors at the same time. Change door hinge of RW 466. If using the stainless steel fronts with a handle (installation accessories), select the correct door hinges for the RW.




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**Distance  $\geq$  160 mm**

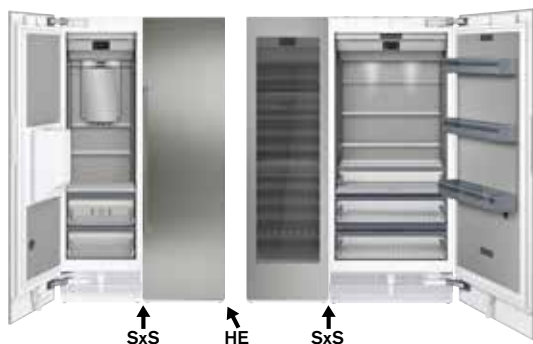

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**RF 463 / RW 466 / RF 463 / RC 462**

**Usability limitations:** The middle doors cannot be opened at the same time.

**Installation accessories:** 2x RA 460 000 (SxS)\*.

**Notes:** Two separate installation niches. The clearance between the two installation niches is greater than 160 mm. If using the stainless steel fronts with a handle (installation accessories), select the correct door hinges for the RW.




---

**Distance  $\leq$  160 mm**


---

**RF 463 / RC 462 / RW 466 / RC 492**

**Usability limitations:** It may be necessary to open the middle doors one after the other, rather than at the same time.

**Installation accessories:** 2x RA 460 000 (SxS)\*, 1x RA 460 013 (HE)\*.

**Notes:** Two separate installation niches with a stable plinth between them. The clearance between the two installation niches is less than 160 mm. Therefore, an additional side heating element is required. Change door hinge of RW. If using the stainless steel fronts with handle (installation accessories), select the correct door hinges for the RW.




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**Combination of 4**

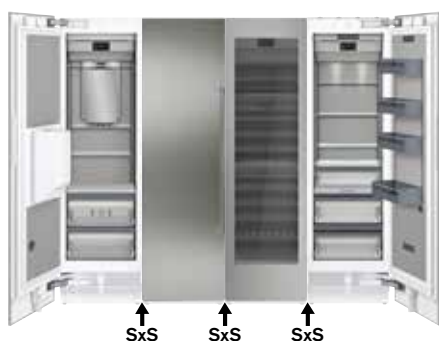

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**RF 463 / RW 466 / RF 463 / RC 492**

**Usability limitations:** The middle doors cannot be opened at the same time.

**Installation accessories:** 3x RA 460 000 installation accessories for side-by-side installation (SxS)\*.

**Notes:** The appliances in the middle are connected side-by-side. Connecting the others will require additional side-by-side installation accessory. All four appliances must be connected to each other before installation and pushed together into the installation niche.




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**Combination of 4 - alternative**


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**RF 463 / RC 462 / RW 466 / RC 462**

**Usability limitations:** The middle doors cannot be opened at the same time.

**Installation accessories:** 3x RA 460 000 installation accessories for side-by-side installation (SxS)\*.

**Notes:** The appliances in the middle are connected hinge to hinge. All four appliances must be connected to each other before installation and pushed together into the installation niche. Change door hinge of RF 461 and RW 466. If using the stainless steel fronts with handle (installation accessories), select the correct door hinges for the RW.

## Footnote:

\*SxS Accessory for side-by-side installation

\*HE Additional side heating element

## Additional planning notes for Vario cooling 400 series

Read the instructions in the installation manual completely and carefully before commencing installation. Installation manuals are supplied with the appliance. Installation manuals are also available at [www.gaggenau.com.au](http://www.gaggenau.com.au)

These appliances are top heavy and must be secure to prevent the possibility of tipping forward. Anti-tip protection is required.

Keep doors closed until the appliance is completely installed and secured per installation instructions.

Due to size and weight of appliance and to reduce risk of personal injury or damage to the product – **TWO PEOPLE ARE REQUIRED FOR PROPER INSTALLATION.**

Appliance must be installed by suitably trained, qualified and registered trade persons.

The side walls of the adjacent cabinetry have to be dimensionally stable, as the Vario cooling appliances are secured in the niche with only an anti-tilt bracket on the top back and on the bottom at the side.

Vario cooling appliances can be installed handle to handle as a side-by-side combination. In this case the side-by-side installation kit RA 460 000 is required. If the distance between the appliances is greater than 16 mm or less than 160 mm or the environment very humid the additional side heating element RA 460 013 needs to be installed between the appliances to avoid condensation.

If the appliances are combined hinge to handle in a very humid environment the additional side heating element RA 460 013 is required as well. It can be omitted if the distance between the appliances is greater than 160 mm. The additional side heating element RA 460 013 does not take up any additional space. It is already included in the niche dimensions.

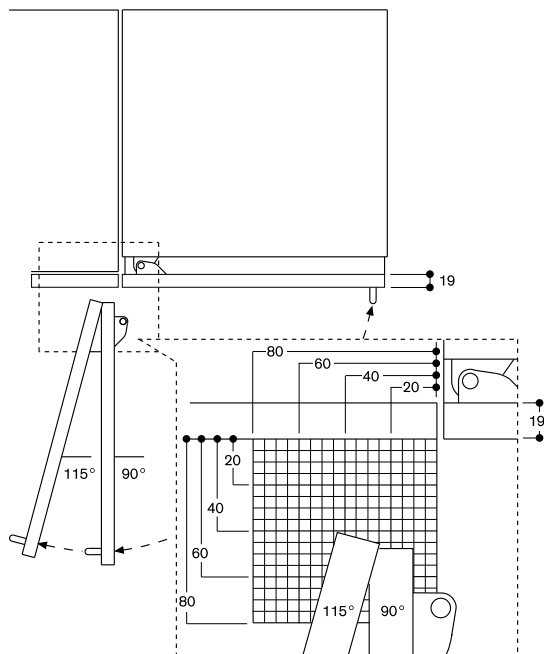
If the Vario cooling appliances are joined together hinge to hinge an additional stable side wall must be foreseen.

If restrictions in use are accepted (no simultaneous opening of the doors possible) the appliances can be joined together directly, using the side-by-side installation accessory RA 460 000.

When installing a Vario cooling appliance from the 400 series next to a BO/BM/BS from the ovens 400 series, a lateral distance of 60 mm is required, if the BO/BM/BS retrofitted handle is on the same side as the Vario cooling appliance door hinge. For the same installation next to a BOP/BMP/BSP from the ovens 200 series, a distance of 40 mm is required.

### Door opening angle

To ensure correct kitchen planning it is essential to take into account the opening angle of the appliance door (plus fitted cabinet door and handle). There should be no possibility of collision with other kitchen furnishings (worktops, handles of other cabinetry etc.) or parts of the room (walls, protrusions etc.).

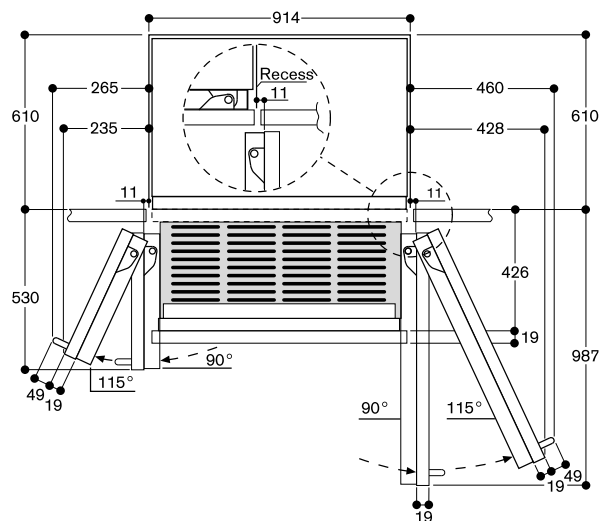


The hinge travel and resulting clearances from adjacent furniture units and handles can be found from the drawing while allowing for the thickness of the front panel. In the drawing, a furniture unit front panel thickness of 19 mm was assumed.

The space needed for the hinge and the consequential distance to the adjacent cabinetry and its handle can, depending on the panel thickness, be seen in the following drawing. The drawing assumes a panel thickness of 19 mm.

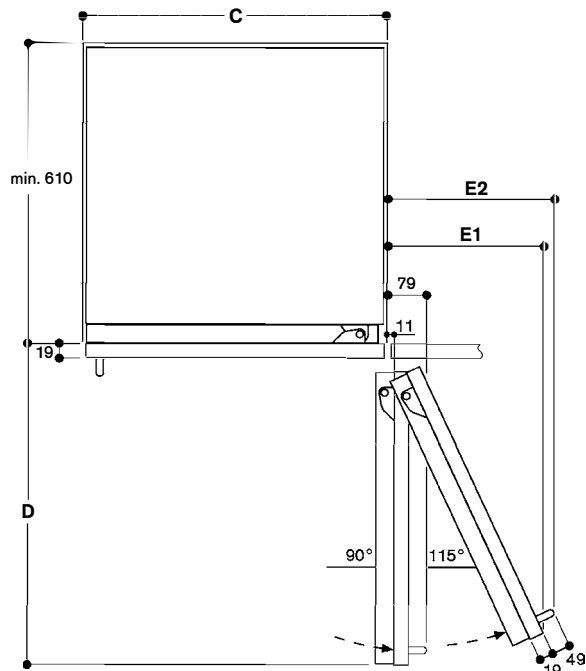
If a collision occurs, the following options are available to remedy the situation: Restrict the door opening angle to 90° (standard 115°). Pin to restrict the angle is enclosed with the appliance. Due to limitation in use, it is not recommended to install a freezer (RF 411, RF 461, RF 463, RF 471) next to a wall which requires a door angle of 90° or any other installation which require a 90° door angle. If the restrictions in use are accepted, the ice storage container must be exchanged for the small ice storage container (RA 448 220). This must be done prior fixing the door. Fit a spacer between the appliance and the cabinetry that it would collide with. Rearrange surrounding cabinetry or appliance.

### Wall clearance RB 492/RY 492



In the drawing, a unit front thickness of 19 mm and a Gaggenau unit handle of 49 mm were taken as a basis.

### Wall clearance RC/RF/RW



Recess width	D	E1	E2
C	610 mm	299 mm	330 mm
	914 mm	428 mm	460 mm

In the drawing, a unit front thickness of 19 mm and a Gaggenau unit handle of 49 mm were taken as a basis.

### Notes:

- The adjustable feet have an adjustment range of +35 mm to -13 mm. The standard height displayed in the pictures is 0 mm.
- For proper ventilation of the appliance, the clearance between the floor and bottom edge of the cabinet front must be at least 100 mm.
- The panel thickness of customised doors can range from between 19 mm and 38 mm (in the picture 19 mm).

## Installation niche

Unlike conventional built-in appliances, Vario cooling appliances stand on the floor. This means that the installation niche is a space in a line of kitchen units.

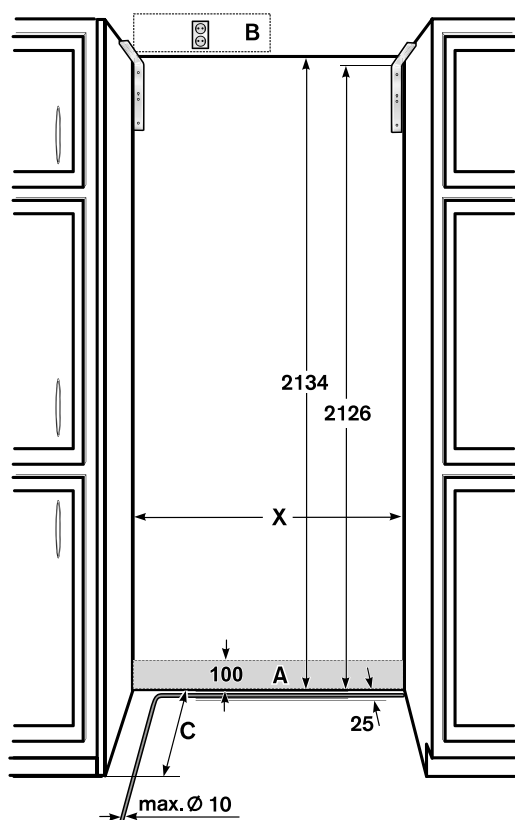
### Installation niche

The specified dimensions of the installation niche must be observed to guarantee the proper installation of the appliance and the design of the cabinet front.

It is particularly important that the installation niche is square. The side walls must be smooth, not have any protrusions or unevenness. Use the appropriate tools, e.g. spirit level, diagonal measurements, etc. to determine whether the installation niche is square.

The side walls and the crown of the installation niche must be at least 16 mm thick.

### Installation niche for an individual appliance:



- A Area for installation the water connection  
 B Area for installation the electrical connection must be outside the niche  
 C Depth of installation niche, depending on kitchen design.  
 C = 610 mm minimum!  
 X Width of installation niche, refer to the table below for more details:

Appliance type	Width of the niche X
603 mm	610 mm
908 mm	914 mm

### Installation niche for a side-by-side solution:

In a side-by-side solution, there are many ways to combine the appliances. The width of the installation niche is calculated from the sum of the widths of the individual appliances. The height and depth of the installation niche correspond to the specifications for the individual appliances. It is important to comply with the dimensions in the area set aside for electric and water connections. For the precise dimensions, please refer to the details given for individual appliances.

### Location

The appliance should be installed in a dry, well ventilated room. The location of the appliance should not be subject to direct sunlight or near a source of heat, such as a cooker, a radiator, etc.

If installation next to a heat source is unavoidable or observe the following minimum distances from the heat source:

- 3 cm to electric or gas cookers.
- 3 cm to electric or gas ovens.
- 30 cm to an oil-fired or solid-fuel cooker.

The floor of the installation location must not give way; if required, reinforce floor.

To ensure that the ice maker functions correctly, the appliance must be upright.

### Surface

To ensure that the appliance is installed securely and functions properly, the surface must be level and even.

The floor must consist of a hard, rigid material.

The floor in the installation area must have the same height as the floor in the rest of the room.

Due to the heavy weight of a fully loaded appliance, the floor beneath must be stable.

If in doubt, consult an architect, structural engineer or construction expert.

### Neighbouring cabinetry

The new appliance is screwed firmly in place with the neighbouring cabinet parts.

Care should be taken to ensure that all cupboards onto which something is fastened, are connected firmly to the floor or the wall.

The thickness of the plinth can be a maximum 19 mm.

# Base area | Crown of the niche

## Base area

### Important!

Poor ventilation leads to damage to the appliance!

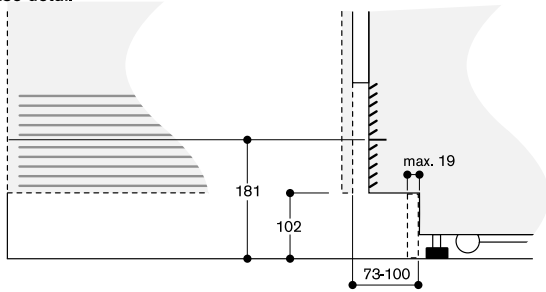
Under no circumstances is it permitted to cover the air inlets and the exhaust air outlets of the appliance in the lower base area. You must observe the minimum distance of 100 mm between the upper edge of the floor and the bottom edge of the cabinet door of the appliance. Take this into consideration also when adjusting the appliance feet.

In relation to the standard height, the maximum height of the base board is 102 mm. The plinth can be maximum 19 mm thick.

Adhesive connectors are supplied on the front panel of the appliance for fitting the base board.

The air inlets and the exhaust air outlets of the appliance are located above the base board. They must not be covered.

## Base detail



Based on the standard appliance height, the height of the plinth is 102 mm. Maximum plinth thickness 19 mm.

For design reasons, it may be necessary to increase the distance between the upper edge of the floor and the bottom edge of the cabinet door of the appliance, so that it extends beyond the standard dimension of 102 mm.

The maximum dimension is 181 mm. If this is the case, air inlets and exhaust air outlets would become visible!

## Crown

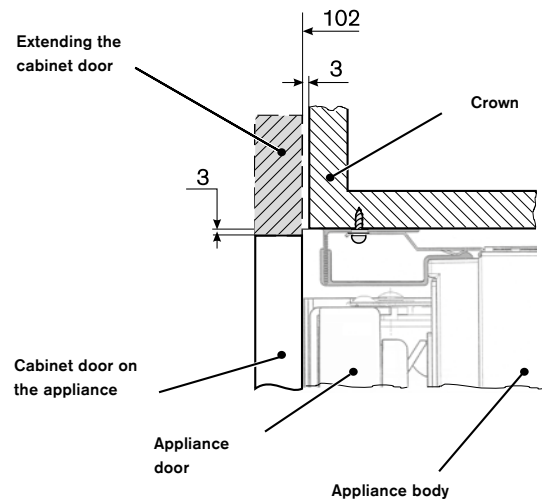
The height of the cabinet door on the appliance is dependent on:

- the overall height of the appliance,
- the distance from the bottom edge of the cabinet door to the floor,
- the appliance type (one-door or multi-door appliances).

The overall height of the appliance is 2.029 mm.

The height can be adjusted within a range of -13 mm to +35 mm. You must observe the minimum distance of 100 mm between the upper edge of the floor and the bottom edge of the cabinet door of the appliance.

This height can vary depending on the conditions at the site. It is possible, e.g. for design reasons, to lengthen the cabinet door upwards by extending it beyond the top of the appliance.



### Important!

It must be ensured that the crown of the installation niche always has a depth of at least 100 mm (measured from the front edge of the appliance). Only then can the secure installation of the appliance in the installation niche be guaranteed.

## Dimensions of the special accessories – door panels | door panel frames

The cabinetry, the height of the base board, the overall height of the kitchen and other determining dimensions of the kitchen must be taken into account, in order to plan the exact positioning of the cabinet door so that the appliance integrates perfectly into the overall picture of the kitchen.

The following diagrams show the basic dimensions of the special accessories door fronts/door front frames for various appliances.

The dimensions of the doors shown are designed for the following basic specifications:

- Height of the base board: 102 mm
- Overall height of the installation niche: 2.134 mm
- Gap: 3 mm
- Panel thickness: 19 mm

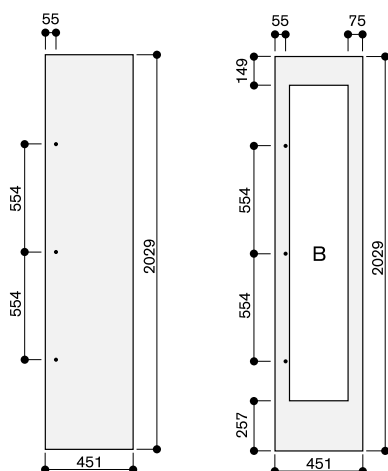
These specifications provide you with a good starting point for a variety of kitchen designs.

When designing a customised cabinet door, please ensure that the back of the cabinet door is visible to a height of 205 mm over the floor when opening the appliance door and adapt to the front design. All diagrams are also valid for doors without handle.

### Important!

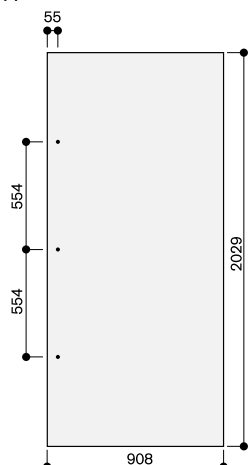
The following diagrams are not a substitute for detailed designs. Compliance with specified requirements relating to kitchen design is essential.

### Recess width 45.7 cm



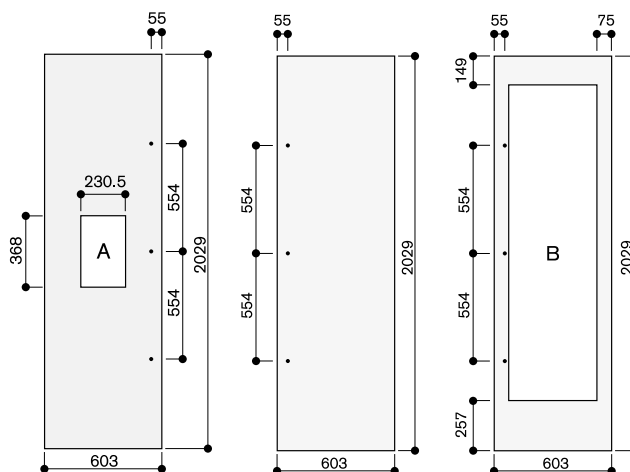
The door panel thickness is 19 mm.  
The maximum door panel dimensions are based on a clearance of 3 mm, based on a single recess.  
A: The cut-out for the ice and water dispenser is designed so that it is horizontally and vertically centred.  
B: Width of the side frame parts of the door panel can be between 65 mm and 82 mm.

### Appliance width 91.4 cm



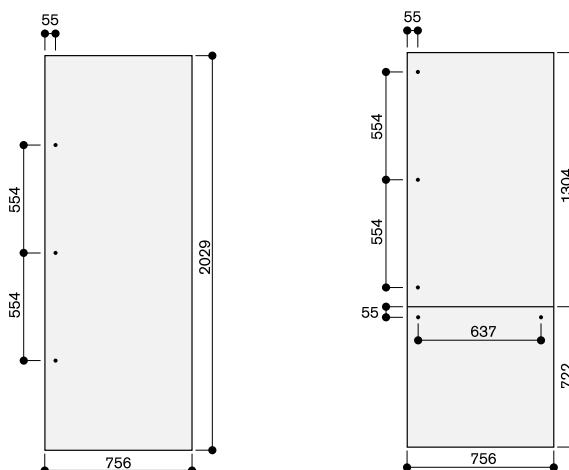
The door panel thickness is 19 mm.  
The maximum door panel dimensions are based on a clearance of 3mm, based on a single recess.

### Recess width 61 cm



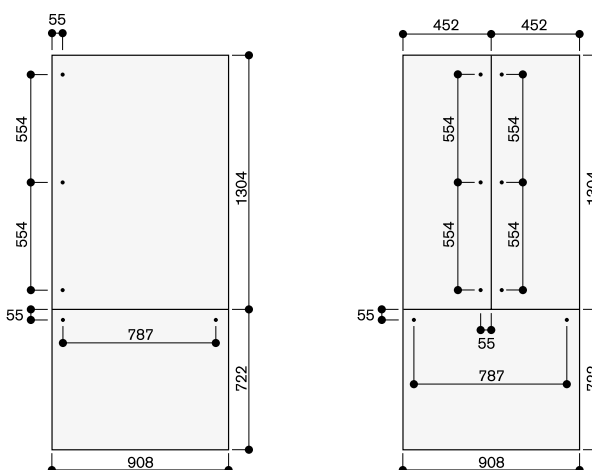
The door panel thickness is 19 mm.  
The maximum door panel dimensions are based on a clearance of 3 mm, based on a single recess.  
A: The cut-out for the ice and water dispenser is designed so that it is horizontally and vertically centred.  
B: Width of the side frame parts of the door panel can be between 65 mm and 82 mm.

### Recess width 76.2 cm



The door panel thickness is 19 mm.  
The maximum door panel dimensions are based on a clearance of 3 mm, based on a single recess.

### Recess width 91.4 cm



The door panel thickness is 19 mm.  
The maximum door panel dimensions are based on a clearance of 3 mm, based on a single recess.

# Additional planning notes for Vario cooling appliances 200 series

## Location

The appliance should be installed in a dry, well ventilated room. The location of the appliance should not be subject to direct sunlight or near a source of heat, such as an oven, a cooker or a radiator, etc.

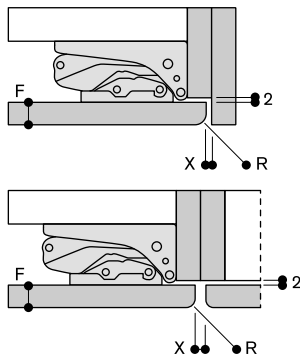
If installation next to a heat source is unavoidable, observe the following minimum distances from the heat source:

- 3 cm to electric or gas ovens,
- 3 cm to electric or gas cooker,
- 30 cm to an oil-fired or solid-fuel cooker.

## Clearance to adjacent furniture depending on the furniture panel thickness and radii

The panel thickness of customer-specific doors can be between 19 mm and 22 mm.

### Recommended gap dimensions for flat hinges



F	R	X
16-19	0-3	2.5
20	0-1	3
	2-3	2.5
21	0-1	3
	2-3	2.5
22	0	4
	1	3.5
	2-3	3

F = Furniture panel thickness  
 R = Radius  
 X = Gap dimension

The gap dimensions recommended in the table must be adhered in order to ensure that the appliance door does not collide with anything when it is opened, and to avoid causing damage to furniture panels.

measurements in mm

## Door panels

Maximum permissible door panel weight

Recess height	Number of doors	Max. permissible door panel weight
178 cm, Vario 200	2	22 kg each

If the maximum permissible weight is exceeded, this may damage or impair the function of the hinge.

## Base area

### Important!

Poor ventilation leads to damage of the appliance!

The appliance air inlet opening in the base area of the fitted kitchen must not be covered under any circumstances.

A cross-section of at least 200 cm<sup>2</sup> must be provided for the air inlet opening.





## Accessories and special accessories for cooling appliances

### RA 050 220

Replacement activated charcoal air filter.



### RA 430 100

Storage container with transparent lid (anthracite).



### RA 430 000

Screw hole cover set. 8 pieces (anthracite).



### RA 492 660

Removable shelf with oak wood frame  
Suitable for decanters and open bottles.  
For 61 cm wide appliances.



### RA 421 610

Stainless steel door panel with handle  
For 61 cm wide appliances,  
panel thickness 19 mm.



### RA 428 610

Stainless steel door panel, handleless  
For 61 cm wide appliances, panel  
thickness 19 mm.



### RA 421 611

Stainless steel door panel frame with handle  
For 61 cm wide appliances,  
left-hinged, panel thickness 19 mm.



### RA 421 612

Stainless steel door panel frame with handle  
For 61 cm wide appliances,  
right-hinged, panel thickness 19 mm.



### RA 421 911

Stainless steel door panel with handle  
For 91.4 cm wide appliances, panel  
thickness 19 mm.



### RA 428 611

Stainless steel door panel frame,  
handleless  
For 61 cm wide appliances, panel  
thickness 19 mm.



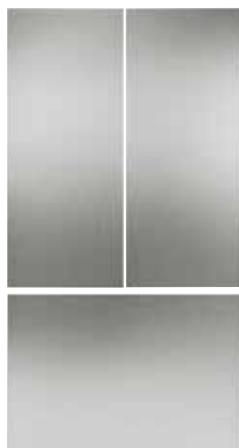
### RA 421 912

Stainless steel door panels with handles  
For RY492, panel thickness 19 mm.



**RA 428 912**

Stainless steel door panels, handleless  
For RY 492, panel thickness 19 mm.

**RA 428 911**

Stainless steel door panel, handleless  
For 91.4 cm wide appliances, panel  
thickness 19 mm.

**RA 422 610**

Stainless steel door panel with handle  
For RF 463,  
panel thickness 19 mm.

**RA 428 810**

Stainless steel door panel, handleless  
For RF 463, panel thickness 19 mm.

**RA 425 110**

Handle bar, stainless steel, long  
With 3 mounts, length 1.131 mm,  
drilling distance between each  
mount 554 mm.

**RA 425 910**

Handle bar, stainless steel, short  
For RB/RY 492, with 2 mounts, length  
810 mm, drilling distance between the  
mounts 787 mm.

**RA 460 000**

Accessory for side-by-side installation.  
Not required if appliances are installed  
more than 160 mm apart from each  
other. Included in delivery for RF and  
RW.

**RA 460 013**

Additional side heating element 230 V.  
Required if appliances are installed  
with a distance greater than 16 mm  
and less than 160 mm next to each  
other and for all built-in situations in a  
very humid environment. Not required  
if appliances are installed more than  
160 mm apart from each other.

**RA 460 020**

Connecting element for vertically split  
appliance fronts (for a flush front)

**RA 460 030**

Connecting element for vertically split  
fronts (for fridge-freezer combination)

**RA 464 611**

Ventilation grill stainless steel  
For 61 cm wide appliances.

**RA 464 614**

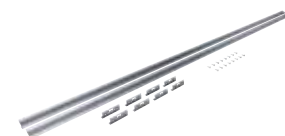
Ventilation grill stainless steel  
For RF 463, with filter, left-hinged.

**RA 464 910**

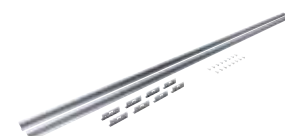
Ventilation grill stainless steel  
For RB/RY 492.

**RA 423 140**

Side trims, long.

**RA 423 340**

Side trims, 2 pieces, for RY and RB.

**RA 450 000**

Mechanical particle filter  
(replacement).





## The dishwashers

Dishwashers 400 series	166
Dishwashers 200 series	168
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#### DF 481 562F

Fully integrated

With flexible hinge

Height 86.5 cm

#### Included in the price

- 1 baking tray spray head
- 1 holder for long-stemmed glasses
- 2 GN container inserts
- 1 stainless steel trim kit

#### Dishwasher 400 series

##### DF 481

- Optimal protection for sensitive glassware by low temperature drying with zeolite and intelligent water softening
- 8 programs with aqua sensor and 6 options, such as Power and Intensive:
  - Clean and dry dishes in 57 minutes
  - Intensive cleaning in the lower basket while protecting glassware in the upper basket
- Flexible basket system with smooth running rails on all levels and cushioned closing of the upper and lower basket
- TFT display for intuitive handling of all functions
- Perfectly illuminated interior
- Push-to-open function for perfect integration into handleless furniture fronts
- Very quiet: 43 dB
- Aqua stop

#### Handling

TFT display indicating remaining or end time, refill for salt and rinsing agent, inflow of water.

Touch key operation.

Information key with use indications.

Time delay up to 24 hours.

Visual and acoustic end of program indicator.

Info-Light.

#### Technical Features

Perfectly illuminated interior.

Glass protection with zeolite.

Aqua sensor.

Load sensor.

Automatic detergent function.

Heat exchanger.

Continuous flow heater.

Triple filter system.

Soft lock.

Aqua stop.

Home network integration for digital services (Home Connect) wireless via WiFi. The use of the Home Connect functionality is not yet available in Australia. For further information please check: [home-connect.com](http://home-connect.com)

#### Programs

8 programs:

Auto 35 °C - 45 °C.

Auto 45 °C - 65 °C.

Auto 65 °C - 75 °C.

Intensive 70 °C.

Eco 50 °C.

Night program.

Quick wash 45 °C (29 min.).

Pre-rinse.

6 options:

Intensive.

Power.

Half Load.

Hygiene.

Extra Dry.

Shine and Dry.

#### Features

Flexible basket system with smooth running rails on all levels and cushioned closing of the upper and lower basket.  
Cutlery basket.

Upper basket:

Over extension.

Rackmatic with 3 levels, adjustable in height up to 5 cm.

6 folding spines.

4 folding racks.

2 glass support bars.

Lower basket:

8 folding spines.

2 folding racks.

Dividable glass support.

Holder for long-stemmed glasses.

Maximum dish sizes

(upper/lower basket)

29/28, 26.5/30.5 or 24/34 cm

respectively.

14 place setting capacity.

Maximum glass loading capacity

23 wine glasses.

#### Consumption data

4 star energy rating with 230 kWh per year.

4.5 start WELS water rating with

12 litres per wash on Eco 45 °C

program.

Noise level 43 dB (re 1 pW).

#### Planning notes

Height-adjustable feet.

Appliance plinth recess 100 mm

(see drawing).

Rear feet adjustable at front.

Door weight up to 11 kg.

Door panel dimension dependent on

plinth height of kitchen furniture.

Installation and usage also with

furniture handle possible. The

push-to-open function remains active.

Please read additional planning notes,

also concerning flexible hinge, on

page 168 – 171.

#### Connection

Total connected load 2.4 kW.

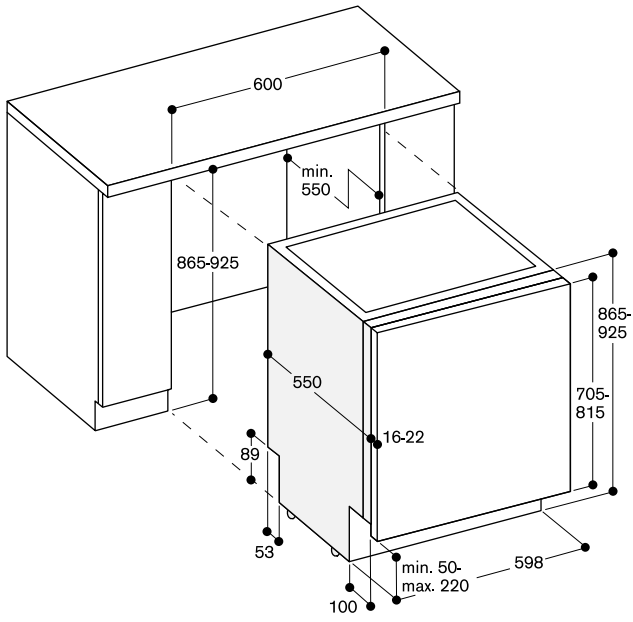
Connecting cable pluggable.

Water connection with 3/4" screw joint.

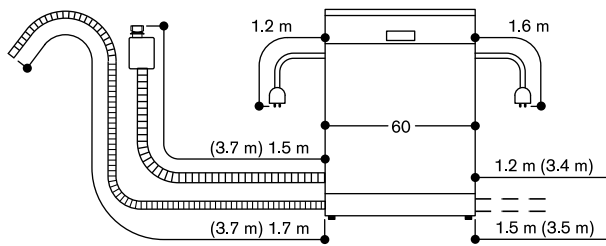
Connection to hot or cold water

possible.

86.5 cm high dishwasher with flexible hinge



Connection dimensions for a 60 cm wide dishwasher



( ) values with extension kit



---

**DF 250 560**

Fully integrated  
Height 81.5 cm

---

**Included in the price**

1 baking tray spray head

---

**Installation accessories****GH 045 010**

Handle bar with 2 mounts, stainless steel, Length 45 cm, drilling distance 427 mm

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**Dishwasher 200 series****DF 250**

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- 6 programs with aqua sensor and 2 options, Power and Intensive:
  - Clean and dry dishes in 80 minutes
  - Intensive cleaning in the lower basket while protecting glassware in the upper basket
- TFT display for intuitive handling of all functions
- Bright interior lighting
- Quiet: 40 dB
- Aqua stop

**Handling**

TFT display indicating remaining or end time, refill for salt and rinsing agent, inflow of water.  
Touch key operation.  
Information key with use indications.  
Time delay up to 24 hours.  
Visual and acoustic end of program indicator.  
Info-Light.

**Technical Features**

Bright interior lighting.  
Glass protection.  
Aqua sensor.  
Load sensor.  
Automatic detergent function.  
Heat exchanger.  
Continuous flow heater.  
Triple filter system.  
Soft lock.  
Aqua stop.

**Programs**

6 programs:  
Auto 35 °C - 45 °C.  
Auto 45 °C - 65 °C.  
Auto 65 °C - 75 °C.  
Standard Eco 45 °C.  
Quick wash 45 °C (29 min.).  
Pre-rinse.

2 options:  
Intensive.  
Power.

**Features**

Flexible basket system.  
Cutlery drawer.

Upper basket:  
Rackmatic with 3 levels, adjustable in height up to 5 cm.  
2 folding spines.  
2 folding racks.

Lower basket:  
4 folding spines.  
2 folding racks.

15 place setting capacity.

Maximum dish sizes  
(upper/lower basket)  
27/25, 24.5/27.5 or 22/31 cm  
respectively.

**Consumption data**

4 star energy rating with 235 kWh per year.  
5 star WELS rating with 12 litres per wash on Eco 45° C program.  
Noise level 40 dB (re 1 pW).

**Planning notes**

Height-adjustable feet.  
Appliance plinth recess 100 mm (see drawing).  
Rear feet adjustable at front.  
Door weight up to 8.5 kg.  
Door panel dimension dependent on plinth height of kitchen furniture.

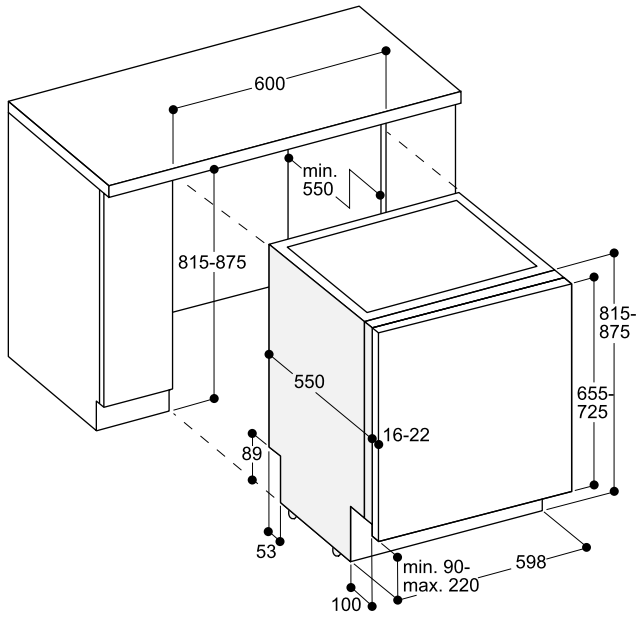
Please read additional planning notes on page 168–171.

**Connection**

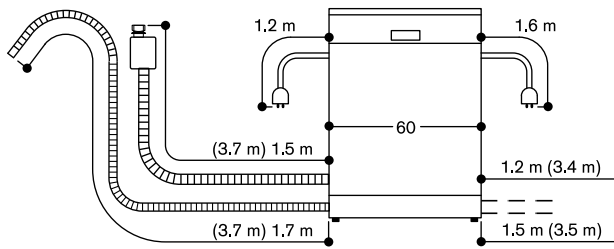
Total connected load 2.4 kW.  
Connecting cable with plug.  
Water connection with 3/4" screw joint.  
Connection to hot or cold water possible.



81.5 cm high dishwasher



Connection dimensions for a 60 cm wide dishwasher



( ) values with extension kit

# Additional planning notes for standard dishwashers (without flexible hinge)

For niche heights from 815 to 855 mm, in most cases, the 81.5 cm high dishwasher must be planned, regardless of the plinth height.

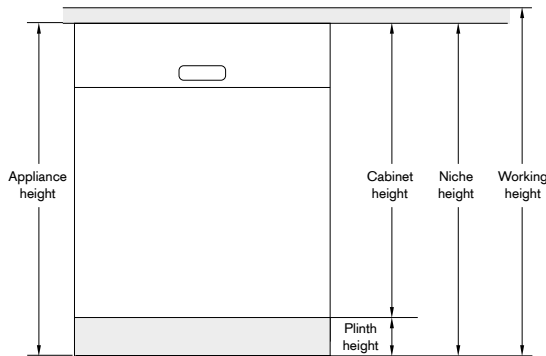
If the niche height amounts to 865 or 875 mm, please note: Whether the 81.5 cm high dishwasher can be used here depends on the plinth height.

For dishwasher with remaining time projection, the maximum plinth height must be reduced by 30 mm to provide an optimal display.

Plinth height in mm ↓	Cabinet height 655–725 mm						
	Cabinet height 705–775 mm						
	Niche height in mm →						
	815	825	835	845	855	865	875
<90	①	①	①	①	①	①	①
90	①	① (D)	①	①	①	①	① (D)
100	①	①	① (D)	①	①	①	①
110	①	①	①	① (D)	①	①	①
120	①	①	①	①	① (D)	①	①
130	①	①	①	①	①	① (D)	①
140	①	①	①	①	①	①	① (D)
150	①	①	①	①	①	①	①
160	①	①	①	①	①	①	①
170		①	①	①	①	①	①
180			①	①	①	①	①
190				①	①	①	①
200					①	①	①
210						①	①
220							①

① = 81.5 cm high dishwasher DF 250

(D) = special solution with 10 mm gap from the worktop → Spacer batten / child lock not possible



### Additional planning notes for dishwashers with flexible hinge

For niche heights from 880 to 925 mm, in most cases, the 86.5 cm high dishwasher must be planned, regardless of the plinth height.

If the niche height amounts between 865 and 875 mm, please note: Whether the 86.5 cm high dishwasher can be used here depends on the plinth height.

If the installation of a dishwasher with **flexible hinge** is necessary or not depends on several factors.

The door panels cannot be used with dishwashers with flexible hinge.

Plinth height in mm	Front height 655–765 mm												
	Front height 705–815 mm												
	Niche height in mm →												
	865	870	875	880	885	890	895	900	905	910	915	920	925
50	Ⓞ												
55	Ⓞ	Ⓞ											
60	Ⓞ	Ⓞ	Ⓞ										
65	Ⓞ	Ⓞ	Ⓞ	Ⓞ									
70	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ								
75	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ							
80	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ						
85	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ					
90	Ⓞ*	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ				
95	Ⓞ*	Ⓞ*	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ			
100	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ		
105	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	
110	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ
115	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ
120	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ
125	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ
130	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ	Ⓞ	Ⓞ	Ⓞ
135	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ	Ⓞ	Ⓞ
140	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ	Ⓞ
145	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ
150	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
155	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
160	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
165		Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
170			Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
175				Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
180					Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
185						Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
190							Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
195								Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
200									Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
205										Ⓞ*	Ⓞ*	Ⓞ*	Ⓞ*
210											Ⓞ*	Ⓞ*	Ⓞ*
215												Ⓞ*	Ⓞ*
220													Ⓞ*

Ⓞ = 86.5 cm high dishwasher with flexible hinge DF 481 562 F

## Accessories and special accessories for dishwashers

### Flexible basket system

Flexible basket system with smooth running rails on all levels and cushioned closing of the upper and lower basket.

For more flexibility and easier handling when loading and unloading the dishwasher.

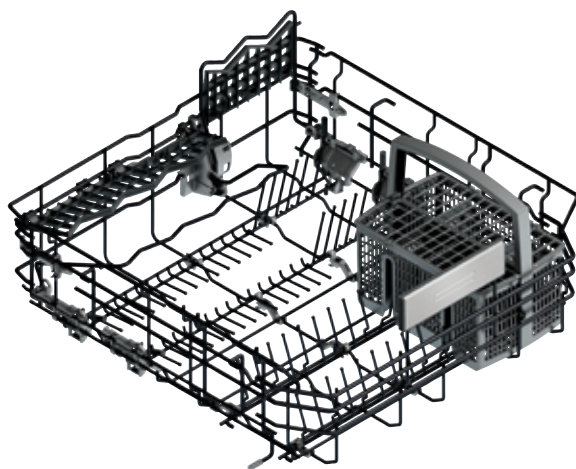
### Upper basket

6 folding spines.  
4 folding racks.  
2 glass support bars.  
With over extension, smooth running rails and cushioned closing as well as rackmatic with 3 levels, adjustable in height up to 5 cm.  
Handle for easier removal of the upper basket.



### Lower basket

8 folding spines.  
2 folding racks.  
Dividable glass support.  
Cutlery basket.  
With smooth running rails and cushioned closing.  
Handle for easier removal of the lower basket.



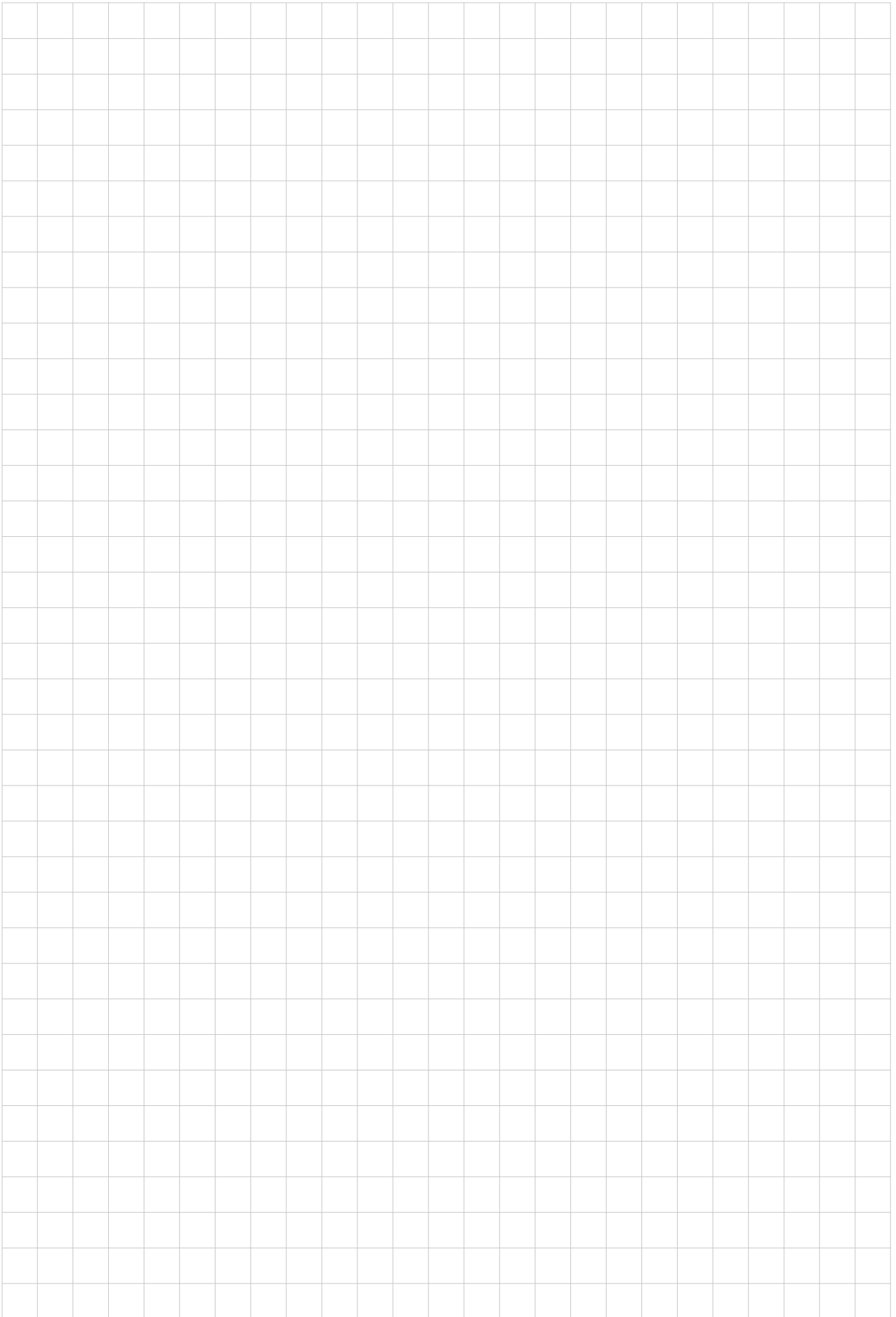
### GH 045 010

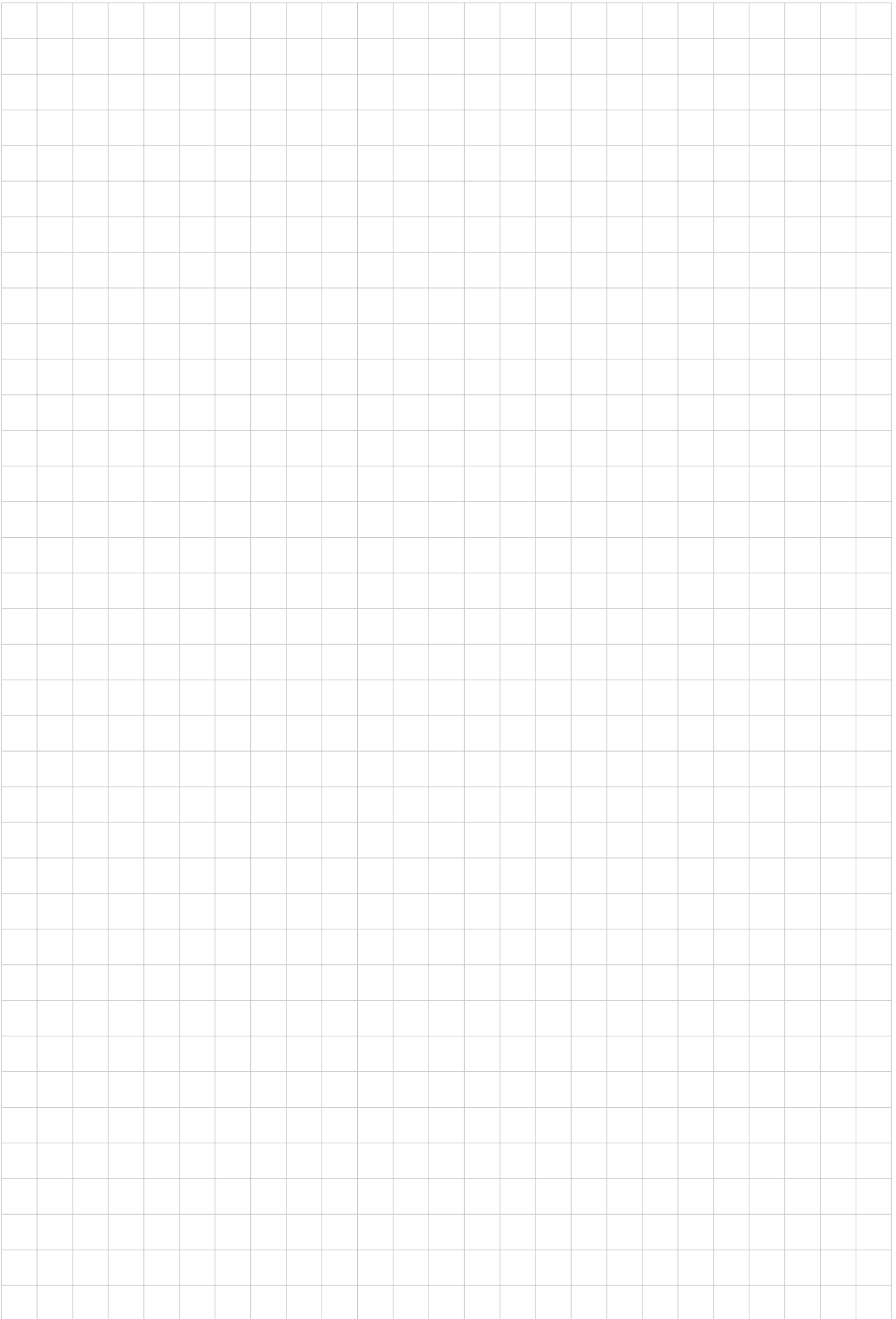
Handle bar with 2 mounts, stainless steel, Length 45 cm, drilling distance 427 mm





# Notes





The difference is Gaggenau.

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