GAGGENAU

Fully automatic espresso machine Gaggenau Expressive series
GC 451

Left-hinged

GC 451 720
Stainless steel behind smoked glass.
Tank only. No water connection.
Width 24" (60 cm).

Included accessories
1 assembly screws.
1 test strip.
1 glass milk container.
1 connection hose for milk frother.
1 milk tube.
1 cleaning cartridge.
1 descaling cartridge.

Installation accessories

GA 601 010
Gaggenau adjustable shelf.
For vertical combination.
Incl. mounting brackets, cover and screws.

Optional accessories

GA 022 720
Cleaning cartridge.

GA 022 740
Descaling cartridge.

Part No. 12008246
Water filter.

Part No. 00312445
Descaling tablets.

Part No. 00312503
Cleaning tablets.

Part No. 10020570
Door hinge restrictor (92° opening angle).

Highlights
— Full touch display with stainless steel control ring.
— Light and display response upon user detection.
— Dual operation modes: Classic mode and Barista mode.
— Aroma brewing technology including intelligent strength adjustment for full aroma with every selected beverage size.
— Personalization function with profiles and favorites.
— Fully automatic cleaning and descaling with cartridges.
— Customizable, dynamic lighting scenarios.
— Electronic grinding level adjustment.
— Electronic fill level control for milk, water and coffee for a perfect result.

Type of beverage
Ristretto / 2 x Ristretto.
Espresso / 2 x Espresso.
Doppio.
Coffee / 2 x Coffee.
Coffee large / 2 x Coffee large.
Coffee very large.
Americano / 2 x Americano.
Cold Brew.
Slow Brew.
Coffee pot.
Hot water / 2 x Hot water.
Espresso Macchiato / 2 x Espresso Macchiato.
Flat White / 2 x Flat White.
Cappuccino / 2 x Cappuccino.
Caffe Latte / 2 x Caffe Latte.
Cold Brew Macchiato.
Latte Macchiato / 2 x Latte Macchiato.
Warm milk / 2 x Warm milk.
Milk froth / 2 x Milk froth.

Operation
Full touch display with control ring.
Classic mode for easy beverage preparation with reduced settings for strength, quantity, aroma and milk ratio. The intelligent strength adjustment ensures that each beverage size is always prepared with the desired intensity.
Barista mode for detailed and precise beverage preparation. All relevant brewing parameters such as water and coffee quantity, grinding level, contact time, brewing temperature and milk ratio can be customized according to personal preferences.
Roast level selection: depending on the roast, the optimum, specific settings for the beans used are displayed in barista mode.
Personalization function for creating up to 10 profiles, each with 10 individualised beverages as favorites.
42 display languages available.
User detection, adjustable distance.
Information key with use indicators.
Animated quick guides to assist appliance operation.
One-touch operation.
Easy access to water tank, milk and coffee bean container behind the door.

Features
Continuous flow heater means no waiting time and constant brewing temperature.
Maintenance-free grinding unit with ceramic discs.
Electronic adjustment of grinding level for easy and precise control of the grinding parameters.
Double grinding and brewing cycles for double cup or for extra strong single beverages.
Height-adjustable beverage dispenser 2¾" to 5¹⁵/₁₆" (7 cm to 15 cm).
Beverage dispenser with integrated milk system.
Glass milk container for up to 3 cups (0.7 liters).
Removable bean container for 14 ounces (400 g) with aroma protecting lid.
Removable 2.5 qt. (2.4 liter) water tank. Water pump with 19 bar pressure.
Electronic replacement indicator for cleaning and descaling cartridges and water filter for timely reordering.
Electronic fill level control for drip tray and container for coffee residue.
Integrated, soft lighting for perfect presentation of every single beverage.
Hint: for energy-saving, the appliance switches to standby mode automatically after about 30 minutes. This timespan can be changed in the basic settings.

Selected digital services (Gaggenau Home Connect®)
Coffee World: extended choice of coffee specialties from all over the world.
Remote control and monitoring.
Playlist function.

Safety
Child lock to prevent accidental switch on or operation of the appliance.
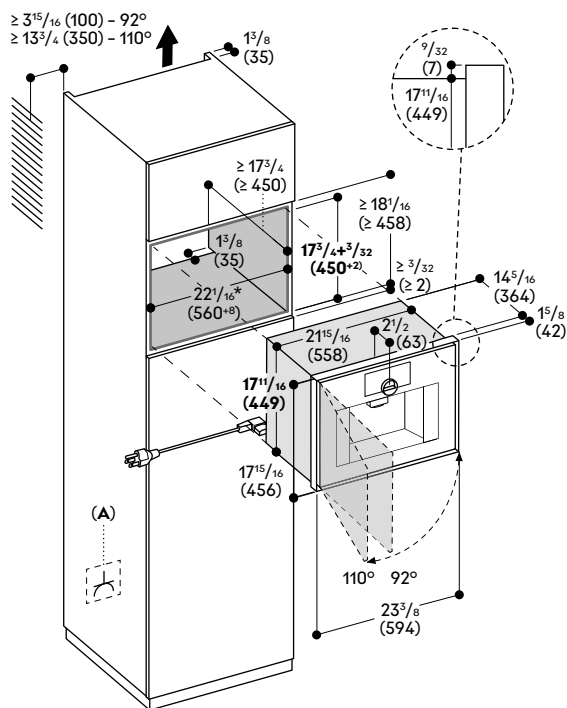
Cleaning
Fully automatic cleaning and descaling with cartridges. Switching to manual cleaning and descaling with tablets possible.
Automatic steam cleaning of the milk system after every milk-based beverage.
Holiday mode to prepare the appliance for longer periods of non-use or transportation.
Empty-grinding 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.
Dishwasher-safe milk container.

Planning notes
Plan the cut out without back wall.
Door hinge not reversible.
Ideal installation height 3¾" to 5¹¹/₁₆" (95 cm to 145 cm) (top edge of niche bottom).
Protrusion from appliance front to cabinet 1⁵/₈" (42 mm).
When planning a corner solution, pay attention to the side-opening door and the minimum required distance to the wall.
Door opening angle appr. 110° (delivery status) - mounting distance to the wall has to be at least 13¾" (350 mm).
Door opening angle appr. 92° - mounting distance to the wall has to be at least 3¹⁵/₁₆" (100 mm) (Use Part No. 10020570 Door hinge restrictor).
Installation directly above warming drawer possible.
Due to the higher appliance housing (17¹¹/₁₆" (449 mm)), every combination with GC needs to be planned cautiously.
For optimum gap dimensions, the full-surface Gaggenau adjustable shelf GA 601 010 is recommended for a vertical combination with other appliances.
Installation above a Combi-microwave (GM) oven is only possible with a standard cabinet shelf. The use of the Gaggenau adjustable shelf GA 601 010 is not permitted in this case.

Rating
Total rating: 1,500 W (120 V).
Total amps: 12.5 A.
Minimum fuse protection: 15 A.
120 V, 60 Hz.
Plug (NEMA 5-15P).
Home Connect® functionality via WiFi.

GAGGENAU

≥ 3¹⁵/₁₆ (100) – 92°
≥ 13³/₄ (350) – 110°

1³/₈ (35)

⁹/₃₂ (7)

17¹¹/₁₆ (449)

≥ 17³/₄ (≥ 450)

≥ 18¹/₁₆ (≥ 458)

1³/₈ (35)

17³/₄+³/₃₂ (450+²)

≥ ³/₃₂ (≥ 2)

14⁵/₁₆ (364)

1⁵/₈ (42)

22¹/₁₆* (560+⁸)

21¹⁵/₁₆ (558)

2¹/₂ (63)

17¹¹/₁₆ (449)

17¹⁵/₁₆ (456)

(A)

110°   92°

23³/₈ (594)

A: Accessible electrical connection

* The width tolerance as shown in the drawing indicated by the + ⁵/₁₆" (+8 mm) is the adjustment possible within the cabinet. Adjustments can be made between ⁵/₈" – ¹³/₁₆" (16-20 mm) for installation using the "centering parts" within the cabinet for perfect alignment. See installation instructions for details.