



**400 series non-plumbed, fully automatic espresso machine
CM 450**

**Controls on top
Left-hinged only**

CM 450 712

Stainless steel-backed full glass front.
Width 24" (60 cm).

Included accessories

- 1 measuring spoon.
- 1 assembly screws.
- 1 milk container 17 oz (0.5 liters).
- 1 water hardness test strip.
- 1 connection hose for milk frother.
- 1 milk tube.
- 1 bean container with lid.

**Optional accessories
(order as spare parts):**

Part No. 12008246

Water filter.

Part No. 00312445

Descaling Liquid (1 Pack).

Part No. 00311979

Cleaning tablets.

Part No. 00636455

Door hinge restrictor
(92° opening angle).

Part No. 11005967

Stainless steel milk container.

Part No. 11015223

Bean container with lid.

Highlights

- Handleless door/automatic door opening.
- Continuous flow heater means no waiting time and constant brewing temperature.
- Aroma brewing technology for a full aroma.
- Single portion cleaning.
- TFT touch display.
- Centralized controls for easy use and intuitive operation.
- One-touch operation.
- Personalization 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 knobs and TFT touch display operation.
- Clear text display in 44 languages.
- Personalisation function, option to save 8 individualized 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 2 3/4" - 5 1/2".
- 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 17 oz. (0.5 liters).
- Integrated LED lighting.
- Removable 1.1 lbs. (0.5 kg) bean container with aroma lid allows for an effortless exchange of different types of coffee beans.
- Automatic adjustment of ground coffee quantity.
- Removable 81 oz. (2.4 liter) water tank.
- Electronic water filter exchange indicator.
- Electronic fill level control for drip tray and container for coffee residue.
- Sleep mode.
- Child lock.

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 depends on the Home Connect services, which are not available in every country.
For further information please check: home-connect.com.

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

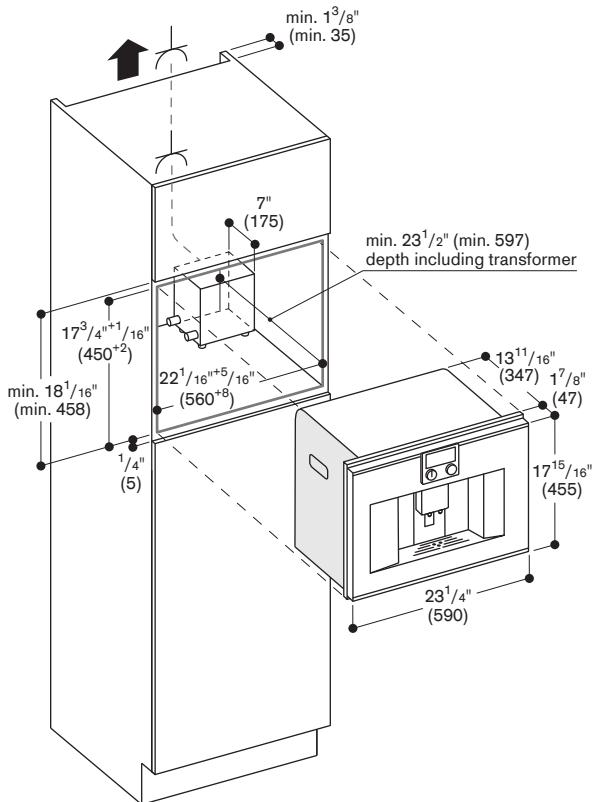
Ideal installation height 3.1 ft - 4.8 ft. (top edge of bottom niche).
The front of the appliance extends 1 1/8" from the furniture carcass.
When installing in a corner a side clearance is required.
Door opening angle approx. 110° (delivery status) - mounting distance to the wall has to be at least 13 3/4".
Door opening angle approx. 155° - mounting distance to the wall has to be at least 25 1/16".
Door opening angle approx. 92° - mounting distance to the wall has to be at least 3 1/4" (spare part No. 00636455).
Installation directly above WS461 (5 3/8" tall) high warming drawer.
If necessary, the transformer can be placed in an adjacent cabinet. Note that the length of the power cable between the transformer and appliance is 23 1/2" (600 mm).
The LAN port can be found at the back on the lower right side.

Please read the installation details regarding combination with ovens on the pages 10-11.

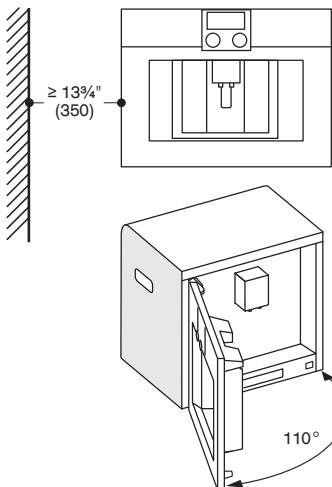
Rating

- Total rating: 1,600 W.
- Total Amps: 10 A
- 120 V / 60 Hz
- Connecting cable 39" with three-prong plug (NEMA 5-15P).

Plan for a LAN cable or connect via WiFi.



Left corner installation



If using the 92° door hinge restrictor (spare part no. 00636455), the minimum distance from the wall is only 4" (100).