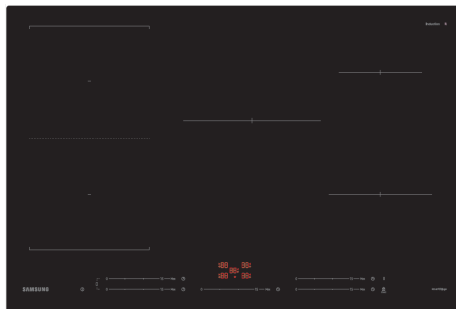


1. General Specification

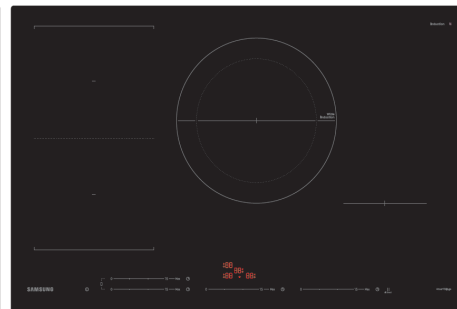
1-1 Features and functions

1-1-1 Built-In Induction Hob

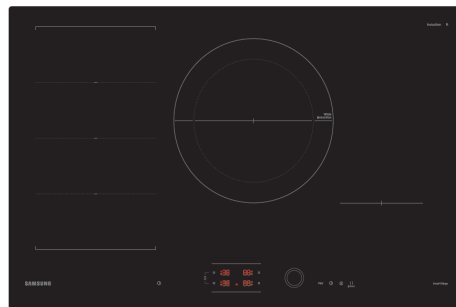
- Ceramic Glass
- Easy Cleaning
- Safety Shutoff
- Residual Heat Indicator (2-step)
- Power Boost
- Auto Pan-Detection
- Child Lock
- Pause
- Timer
- Quick Stop (OFF key)



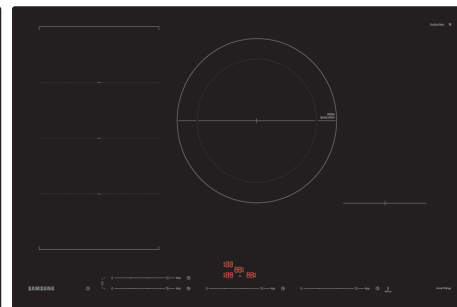
▶ NZ85C5047**



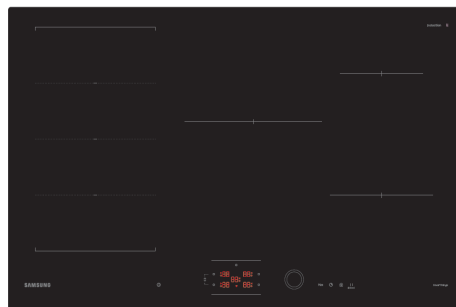
▶ NZ84C5047**



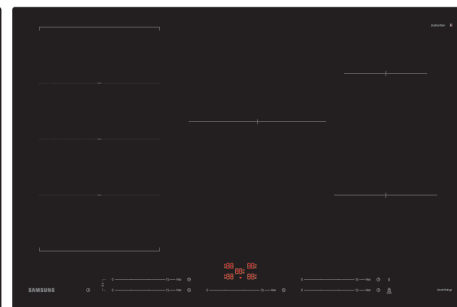
▶ NZ84C6058**



▶ NZ84C6057**



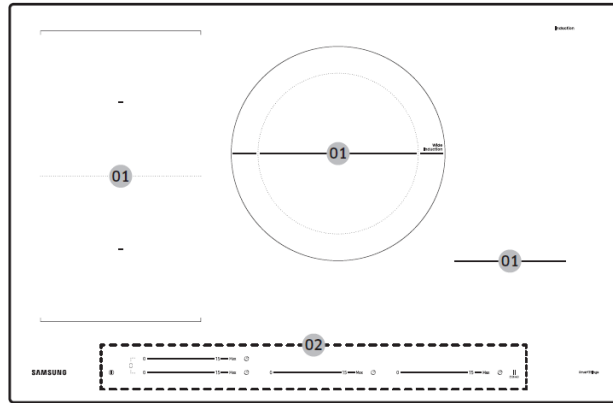
▶ NZ85C6058**



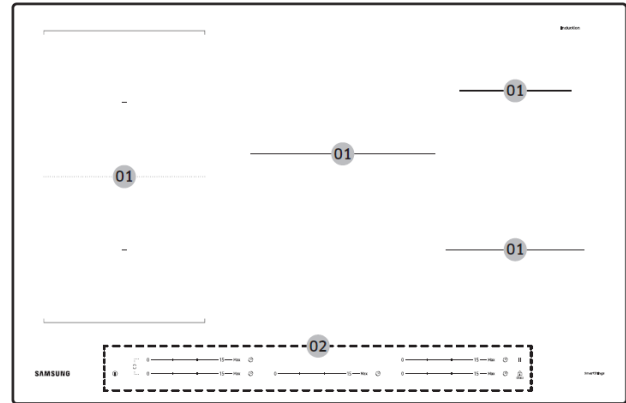
▶ NZ85C6057**

1-1 Features and functions

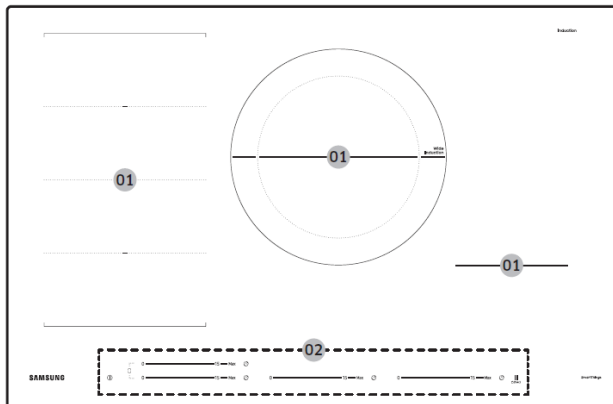
1-1-2 Cooking Zone Feature



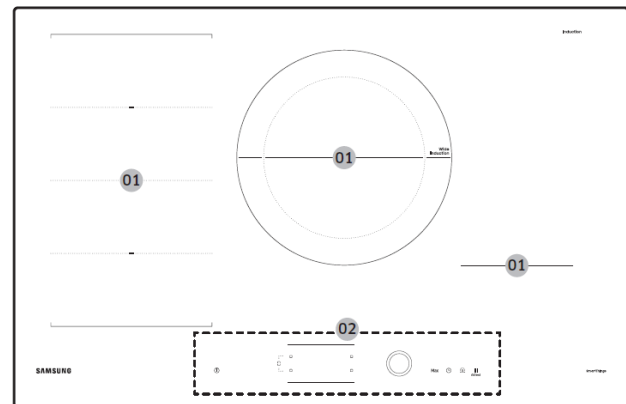
► NZ84C5047**



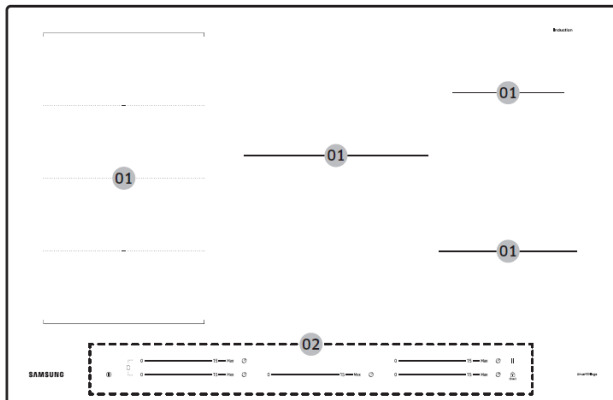
► NZ85C5047**



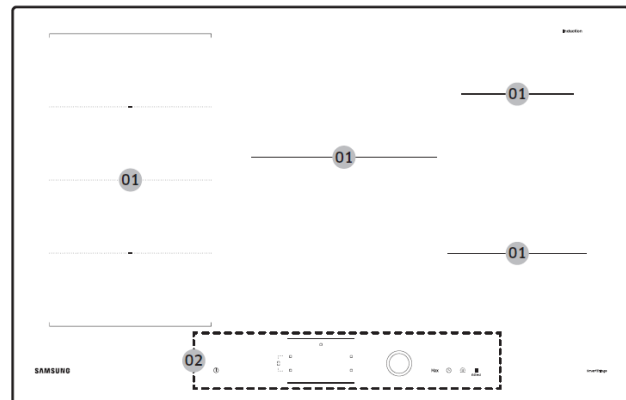
► NZ84C6057**



► NZ85C6058**



► NZ85C6057**



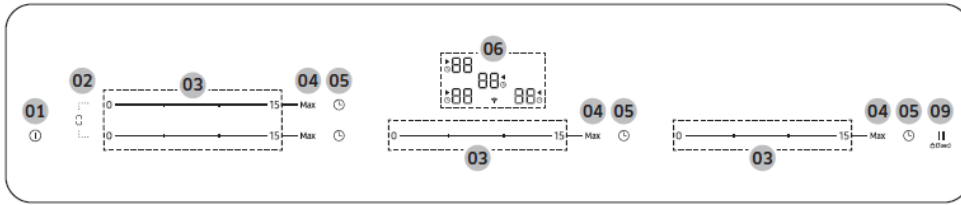
► NZ85C6058**

01	Induction cooking zone
02	Control panel

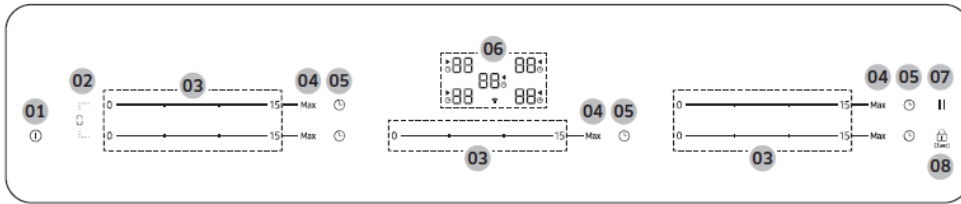
1-1 Features and functions

1-1-3 Control Panel

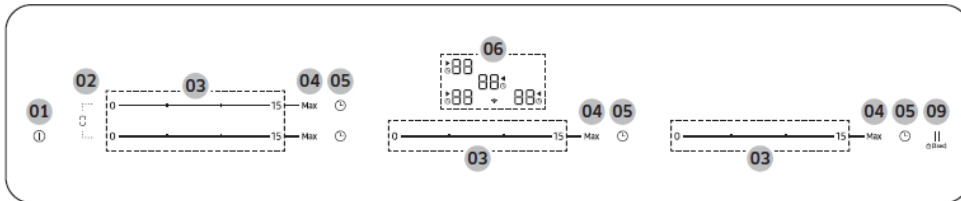
Control panel 1 - NZ84C5047**



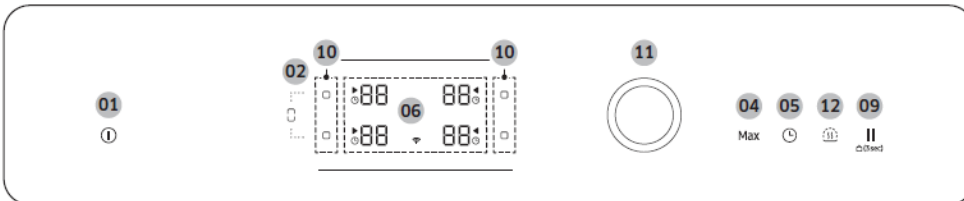
Control panel 2 - NZ85C5047**



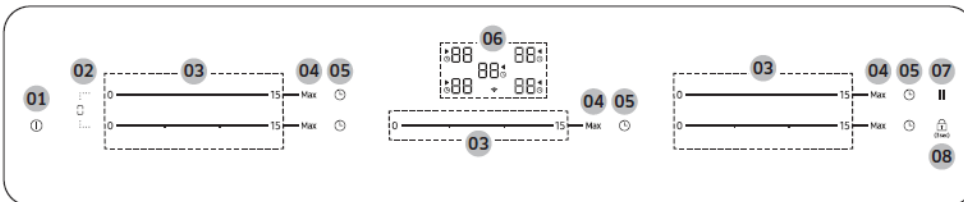
Control panel 3 - NZ84C6057**



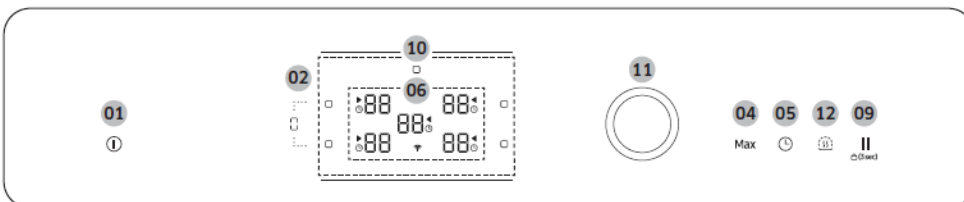
Control panel 4 - NZ84C6058**



Control panel 5 - NZ85C6057**











Control panel 6 - NZ85C6058**



1-1 Features and functions

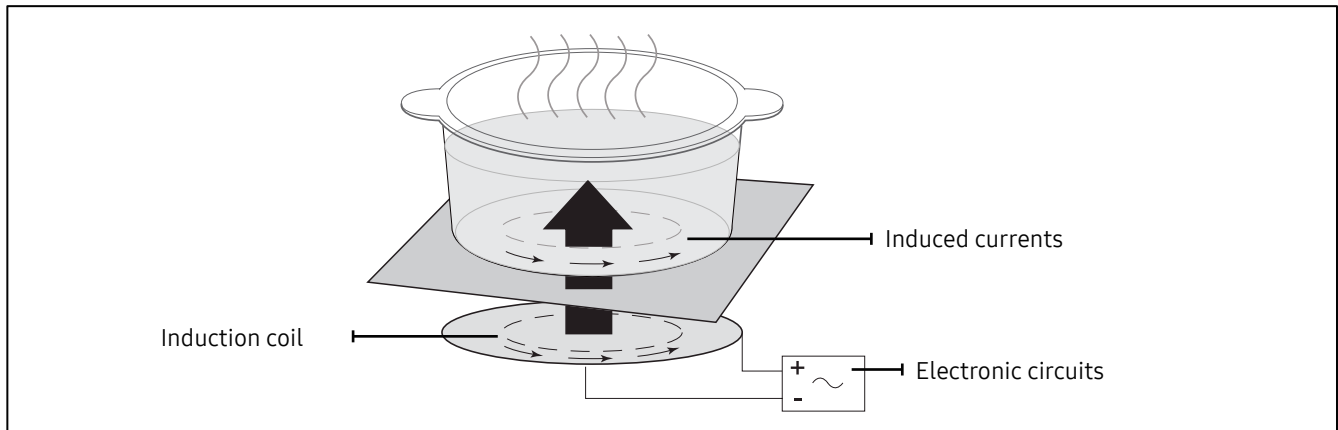
1-1-3 Control Panel

01	 On/Off	To activate and deactivate the hob.
02	 Flex zone	To select the flex zone.
03	Control bar	To set a heat setting and increase or decrease the time.
04	Max Max Boost	To activate the function.
05	 Timer	To turn timer on or off and set timer.
06	Display	To show for heat settings, residual heat, and Wi-Fi connection.
07	 Pause	To switch all cooking zones on to the low power setting.
08	 Lock (3sec)	Press 3 seconds to lock or unlock the control panel. (Child safety lock)
09	 Pause & Lock △(3sec)	To switch all cooking zones on to the low power setting. Press 3 seconds to lock or unlock the control panel. (Child safety lock)
10	 Cooking zone	To select the cooking zone.
11	Control knob	To set a heat setting and increase or decrease the time.
12	 Keep warm	To keep cooked food warm.

1-1 Features and functions

1-1-4 The Principle of Induction Heating

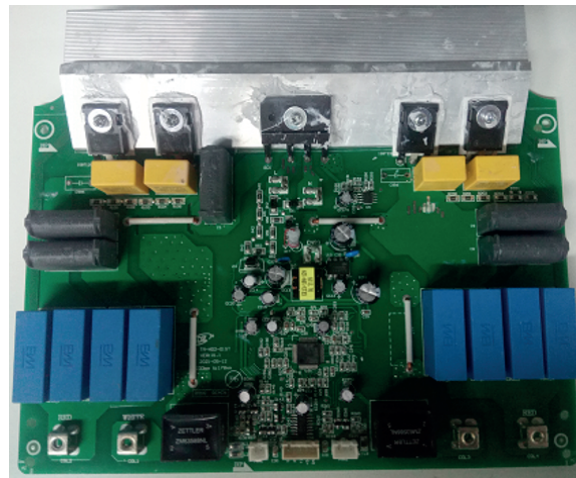
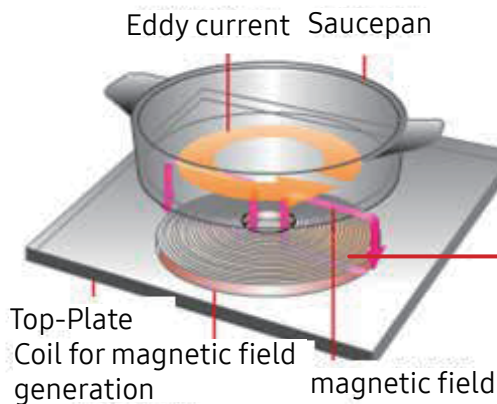
- When you place your cookware on a cooking zone and you turn it on, the electronic circuits in your induction hob produce "induced currents" in the bottom of the cookware which instantly raise cookware's temperature.



1-1-5 Greater speed in cooking and frying

- As the pan is heated directly and not the glass, the efficiency is greater than in other systems because no heat is lost. Most of the energy absorbed is transformed into heat.

Schematics of IH-Heating



1-1 Features and functions

1-1-6 The key features of your appliance

Ceramic glass cooking surface :

The appliance has a ceramic glass cooking surface and four rapid - response cooking zones.

Touch control sensors :

Your appliance is operated using touch control sensors.

Easy cleaning :

One advantage of the ceramic glass cooking surface and The smooth, flat surface is easy to clean.

On/Off sensor :

The "On/Off" control sensor provides the appliance with a separate mains switch. Touching this sensor switches the power supply on or off completely.


Control and function indicators :

Digital displays and indicator lights provide information about settings and activated functions, as well as the presence of residual heat in the various cooking zones.

Safety shutoff :

A safety shutoff ensures that cooking zones switch off automatically after a period of time if the setting has not been changed.








Power Boost Max :


Use this function to heat up the contents of the pan faster than maximum power level .


Auto Pan-Detection :


Each cooking zone incorporates an automatic pan-detection system, the system is calibrated in order to recognize pans of a diameter just slightly smaller than the cooking zone. Pans must always be placed centrally on each cooking zone. And you should use suitable cookware.

Digital displays :

-  'selected heat settings.
-  residual heat. (Stay Hot)
-  residual heat.
-  the child lock is activated.
-  message, the touch sensor button has been touched for longer than 8 seconds.
-  message, when the hob is overheated because of abnormal operation.
(example : operation with empty cookware)
-  message, cookware is unsuitable or too small or no cookware has been placed on the cooking zone.

Lock  : Use this function to lock or unlock the control panel by press this key for 3 seconds. (Child safety lock)

Pause  : Use this function to switch all cooking zones on to the low power setting. (example : to take a telephone call) The display will show .

Flex zone selector  : Use this function to expand Flex zone into complete left side.

1-1 Features and functions

1-1-7 Cookware for induction cooking zones

- The induction hob can only be turned on when cookware with a magnetic base is placed on one of the cooking zones. You can use the following suitable cookware.

Cookware material

Material	Suitability
Steel, enameled steel, cast iron	Yes
Stainless steel	Yes (If magnet sticks to the bottom of the cookware)
Aluminum, copper, brass, glass, ceramic, porcelain	No



Cookware for induction hob is labelled as suitable by the manufacturer.

[Example]

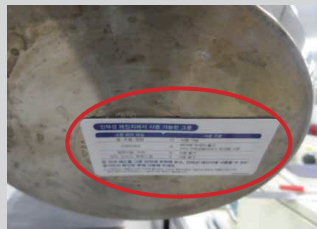


Non-stainless containers are less in heat conductivity compared to stainless containers, taking more time to cook.

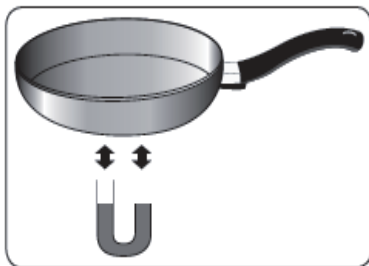


Certain cookware can make noise when being used on induction cooking zones. These noise are not a fault in the appliance and do not affect operation in any way.

[Example : Checking with Magnetic pad]



1-1-8 Suitability test



Cookware is suitable for induction cooking, if a magnet sticks to the bottom of the cookware and cookware is labelled as suitable by the cookware manufacturer.



Induction cooking may not function properly on nonferrous cookware whose edge doesn't stick to the magnet, or on nonferrous cookware whose bottom is iron-coated.

1-1 Features and functions

[Example]



- **size of pans : NZ84C5047** / NZ84C6057** / NZ84C6058****

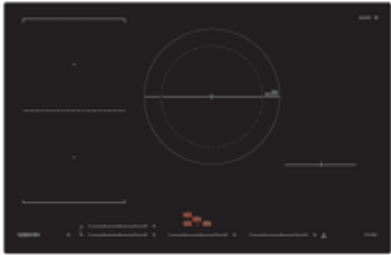
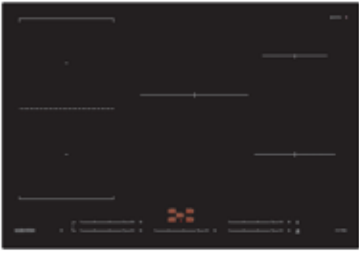
Induction cooking zones adapt automatically to the size of the bottom of the cookware up to a certain limit. However the magnetic part of the bottom of the cookware must have a minimum diameter depending upon the size of the cooking zone.

Position	Minimum diameter of the bottom of the cookware
Right	100 mm
Center	180 mm
Flex zone	140 mm
Complete Flex	240 mm (for the longer side of an oval or fish kettle)

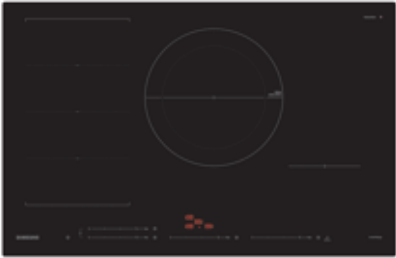

- **size of pans : NZ85C5047** / NZ85C6057** / NZ85C6058****

Position	Minimum diameter of the bottom of the cookware
Right Front	140 mm
Right Rear	100 mm
Center	180 mm
Flex zone	140 mm
Complete Flex	240 mm (for the longer side of an oval or fish kettle)

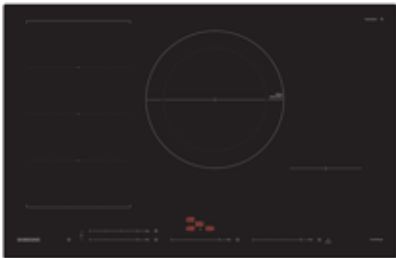

1-2 Specification

Design	Flex Zone, 4 Burner /Dual Ring - Slide Control	Flex Zone, 5 Burner - Slide Control
Images		
Model Name	NZ84C5047**	NZ85C5047**
Size	80cm	80cm
Edge Design	FK - Cut Edge GK - Front Bevelled HK - 4 STSS	FK - Cut Edge GK - Front Bevelled KK - 3 Bevelled HK - 4 STSS
Burner	Flex Zone, Dual Ring, 1 Single	Flex Zone, 3 Single
Control mode	Each Sliding & Direct Access	Each Sliding & Direct Access
Display	LED	LED
Voltage/frequency	220~240V/50~60Hz	220~240V/50~60Hz
Total power(W)	7400	7400
Right Front zone(W)	1400/2400 (\varnothing 145)	1800/2800 (\varnothing 180)
Right Rear zone(W)	-	1400/2400 (\varnothing 145)
Center(W)	2600/3700 (\varnothing 280)	2200/3700 (\varnothing 220)
Left Front zone(W)	2200/3700 (\varnothing 220)	2200/3700 (\varnothing 220)
Left Rear zone(W)	2200/3700 (\varnothing 220)	2200/3700 (\varnothing 220)
Left Total(W)	3300/3700	3300/3700
Power Control	15 + Boost (10min)	15 + Boost (10min)
Down Time	99 Minute	99 Minute
Child lock	Yes	Yes
WiFi	Yes	Yes
Bluetooth	Yes	Yes

1-2 Specification

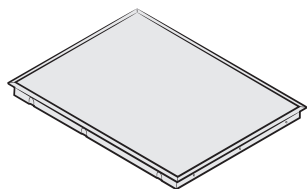
Design	Flex Zone plus, 4 Burner/Dual Ring - Slide Control	Flex Zone plus, 4 Burner - Magnetic Dial
Images		
Model Name	NZ84C6057**	NZ84C6058**
Size	80cm	80cm
Edge Design	FK - Cut Edge GK - Front Bevelled KK - 3 Bevelled HK - 4 STSS	FK - Cut Edge GK - Front Bevelled KK - 3 Bevelled HK - 4 STSS
Burner	Flex Zone plus, Dual Ring, 1 Single	Flex Zone plus, Dual Ring, 1 Single
Control mode	Each Sliding & Direct Access	Magnetic Dial
Display	LED	LED
Voltage/frequency	220~240V/50~60Hz	220~240V/50~60Hz
Total power(W)	7400	7400
Right Front zone(W)	1400/2400 ($\varnothing 145$)	1400/2400 ($\varnothing 145$)
Right Rear zone(W)	-	-
Center(W)	2600/3700 ($\varnothing 280$)	2600/3700 ($\varnothing 280$)
Left Front zone(W)	2200/3700	2200/3700
Left Rear zone(W)	2200/3700	2200/3700
Left Total(W)	3300/3700	3300/3700
Power Control	15 + Boost (10min)	15 + Boost (10min)
Down Time	99 Minute	99 Minute
Child lock	Yes	Yes
WiFi	Yes	Yes
Bluetooth	Yes	Yes

1-2 Specification

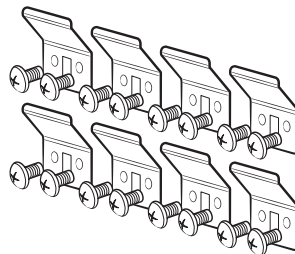
Design	Flex Zone plus, 4 Burner/Dual Ring - Slide Control	Flex Zone plus, 4 Burner - Magnetic Dial
Images		
Model Name	NZ84C6057**	NZ84C6058**
Size	80cm	80cm
Edge Design	FK - Cut Edge GK - Front Bevelled KK - 3 Bevelled HK - 4 STSS	FK - Cut Edge GK - Front Bevelled KK - 3 Bevelled HK - 4 STSS
Burner	Flex Zone plus, Dual Ring, 1 Single	Flex Zone plus, Dual Ring, 1 Single
Control mode	Each Sliding & Direct Access	Magnetic Dial
Display	LED	LED
Voltage/frequency	220~240V/50~60Hz	220~240V/50~60Hz
Total power(W)	7400	7400
Right Front zone(W)	1400/2400 ($\varnothing 145$)	1400/2400 ($\varnothing 145$)
Right Rear zone(W)	-	-
Center(W)	2600/3700 ($\varnothing 280$)	2600/3700 ($\varnothing 280$)
Left Front zone(W)	2200/3700	2200/3700
Left Rear zone(W)	2200/3700	2200/3700
Left Total(W)	3300/3700	3300/3700
Power Control	15 + Boost (10min)	15 + Boost (10min)
Down Time	99 Minute	99 Minute
Child lock	Yes	Yes
WiFi	Yes	Yes
Bluetooth	Yes	Yes

1-3 Components

■ Components



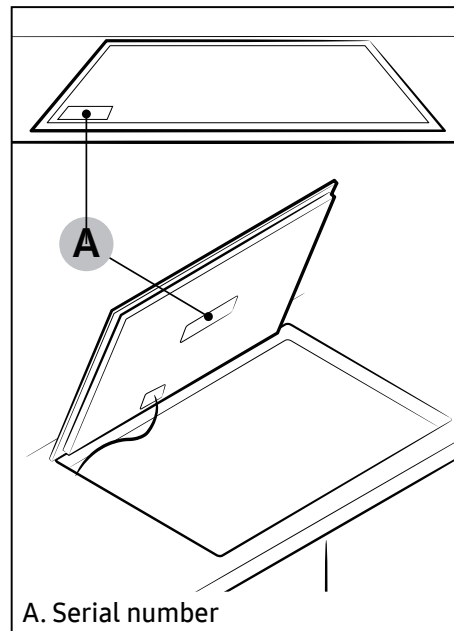
Induction hob



Bracket Springs (8) & Screws
(16)

1-4 Installing the hob

■ Installing into the countertop



NOTE

Make a note of the serial number on the appliance rating label prior to installation. This number will be required in the case of requests for service and is no longer accessible after installation, as it is on the original rating plate on the upperside or underside of the appliance.



NOTE

Pay special attention to the minimum space and clearance requirements.



NOTE

The bottom of the hob is equipped with two fans. If there is a drawer under the hob it should not be used to store small objects or paper, since they could damage the fan or interfere with the cooling if they are sucked into it.

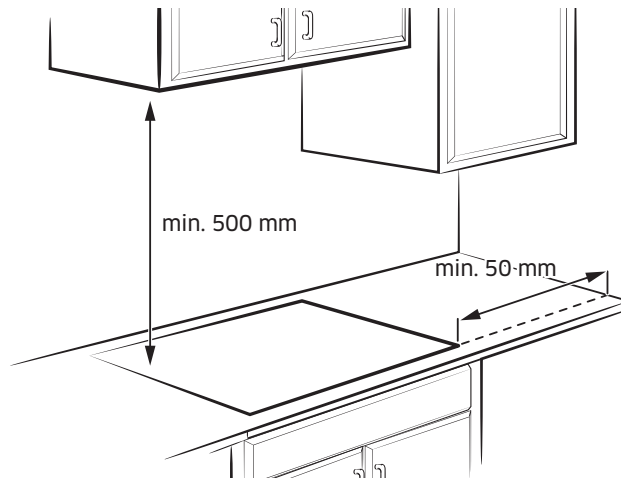


Samsung Label



Manufacturer Label

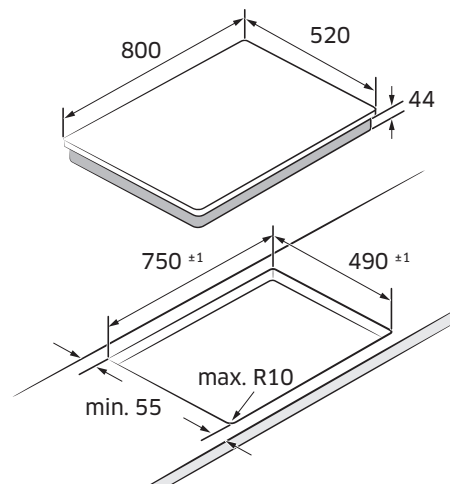
1-4 Installing the hob



Unit : mm

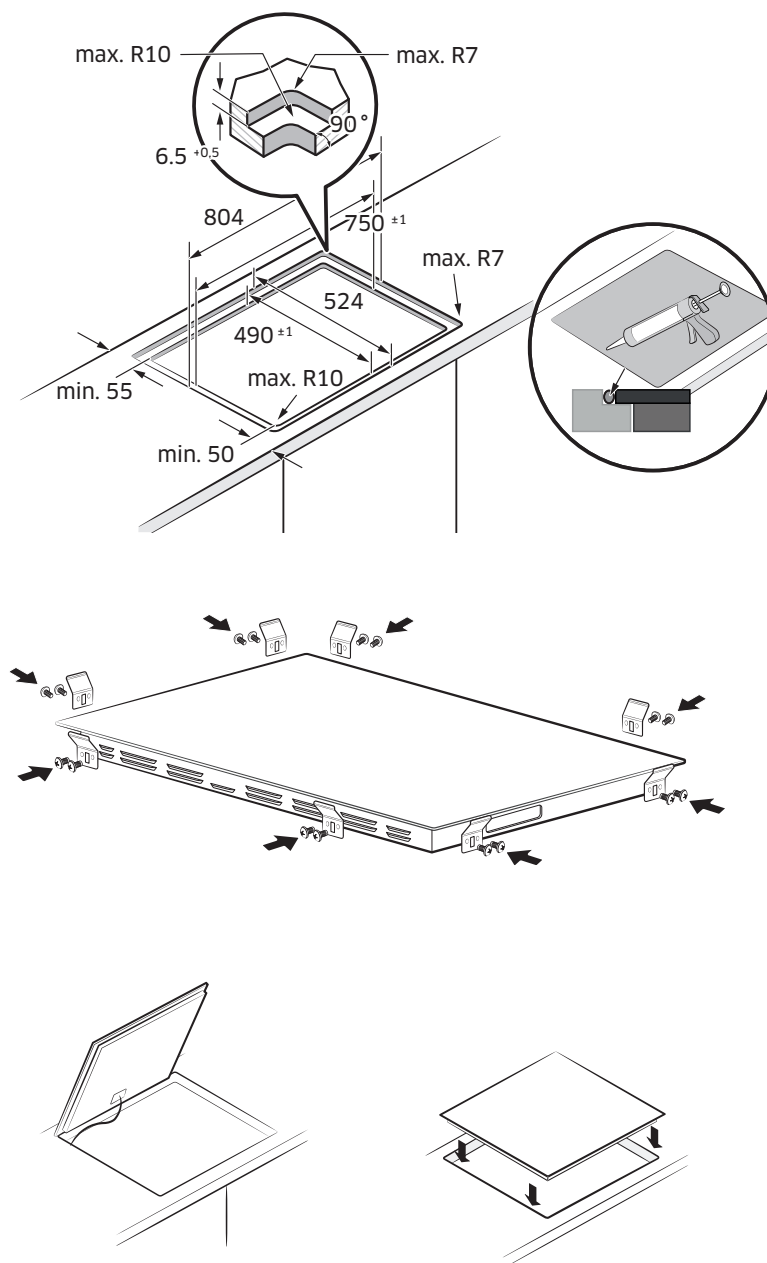
Drawer	Oven

Normal Installation Type

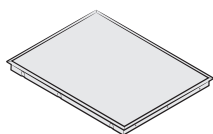


1-4 Installing the hob

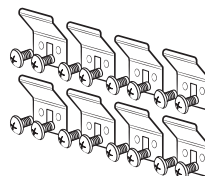
Flushed Fit Type (Only NZ8*****FK model can be installed)



Components



Induction hob



Bracket Springs (8) &
Screws (16)