

Bertazzoni UK – Installation Guide (Rangecookers)



Scope: Induction & Dual Fuel Rangecookers

This guidance document is intended for use, when planning for your new purchase – this will help to ensure that your environment is ready for installation. Further and more detailed information, can be found in the individual appliance’s handbook, these contain specific requirements which will need to be met, during final installation.

Details & Limitations Related to: Installation, Disconnection & Disposal Services

NB: Bertazzoni cannot disconnect and dispose of, Cast Iron Rangecookers (example AGA)

Bertazzoni’s delivery, disconnection, installation & disposal services are intended to be carried out, during a single visit. Return visits, due to the consumer’s environment not being ready on the pre-booked visit date, will be chargeable.

Installation is limited to, connection of the rangecooker to the consumer’s existing services only.

Disconnection is limited to, disconnection of the rangecooker from existing services and capping off the original gas supply (if the consumer has elected to replace their original ‘dual-fuel’ cooker with an ‘all-electric’ model).

Disposal is limited to, removal of the original rangecooker from the consumer’s property and responsible /environmental disposal of the consumer’s old rangecooker.

Bertazzoni cannot carry out any additional building work, alterations to plumbing/electrical wiring, upgrades to the components within the consumer unit or modifications to kitchen cabinetry.

Consumer’s Responsibilities:

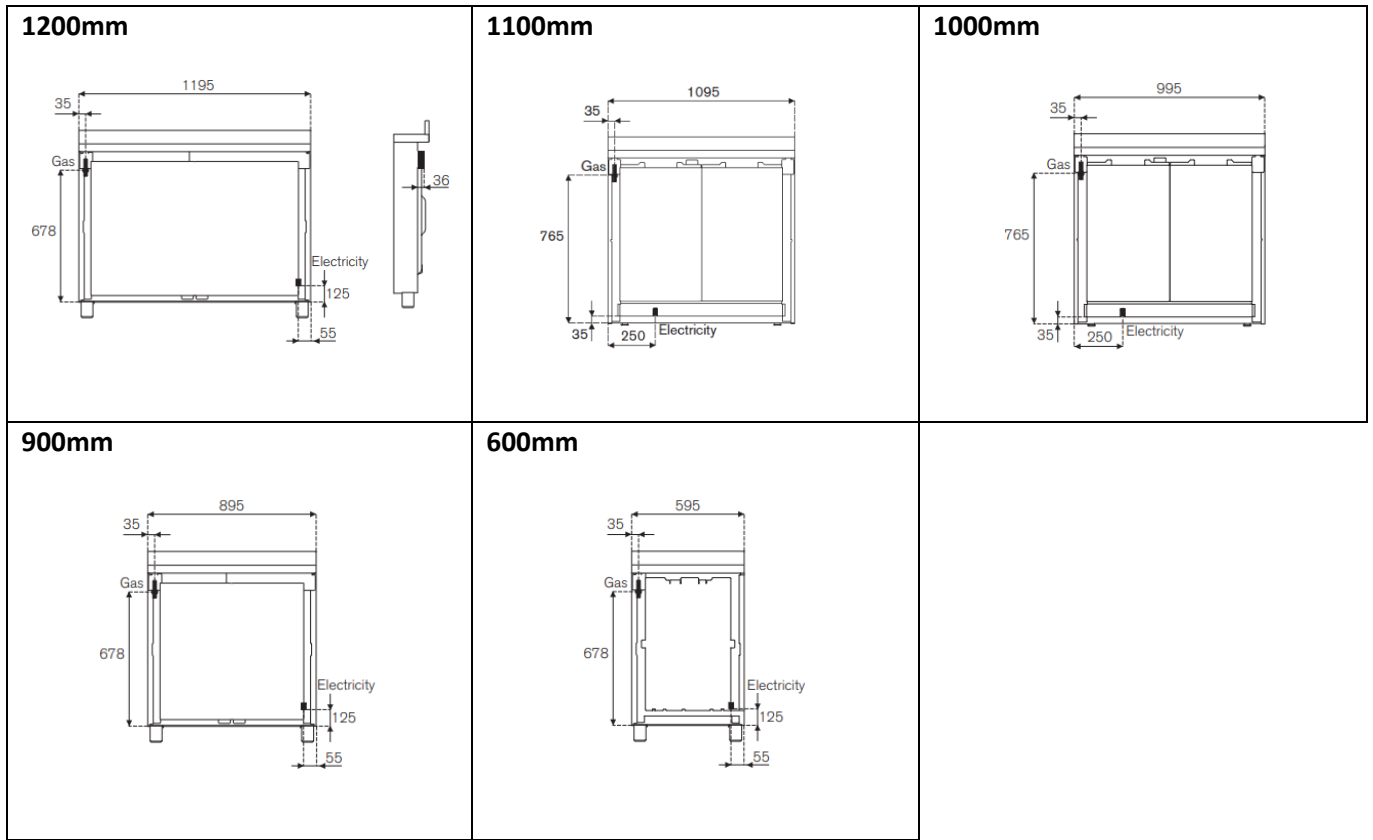
It is the consumers responsibility, to ensure that their environment is ready to accept the new appliance (please see sections at the end of this document for: Gas, Hot-Zone and Electrical supply requirements).

This obligation also extends to:

- Ensuring safe access to property
- Can the appliance ordered, fit between the smallest gap on the route to the final installation position
- Will the appliance ordered, fit in the space required
- Identifies ahead of ordering if stairs need to be negotiated and advises retailer as needed
- Accepting that Bertazzoni’s services, are undertaken during a single visit
- Giving the delivery team, at least one week’s notice, of changes to the pre-booked delivery slot
- The floor must be level and the same height as the rest of the kitchen, where the rangecooker is to be positioned
- Check that the rangecooker’s maximum height adjustment will match the height of the worktops (if the cooktop is lower than the worktop, it must not be installed) – Taller legs are available to order for all single and double oven rangecookers; please speak to your retailer or Bertazzoni for further assistance.

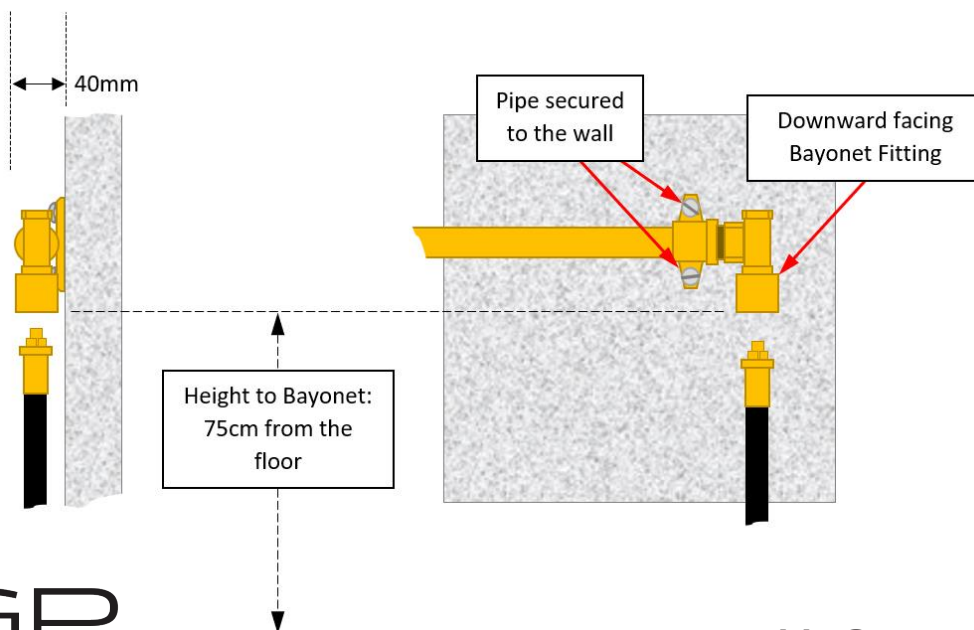


Position of Gas & Electric Services:



Gas Pipework and Positioning:

A ½” Self-sealing Bayonet Connector, needs to be secured to the wall behind where the range cooker will be situated. If the range cooker is to be fitted flush with the wall, the bayonet fitting should be no more than 40mm from the wall.



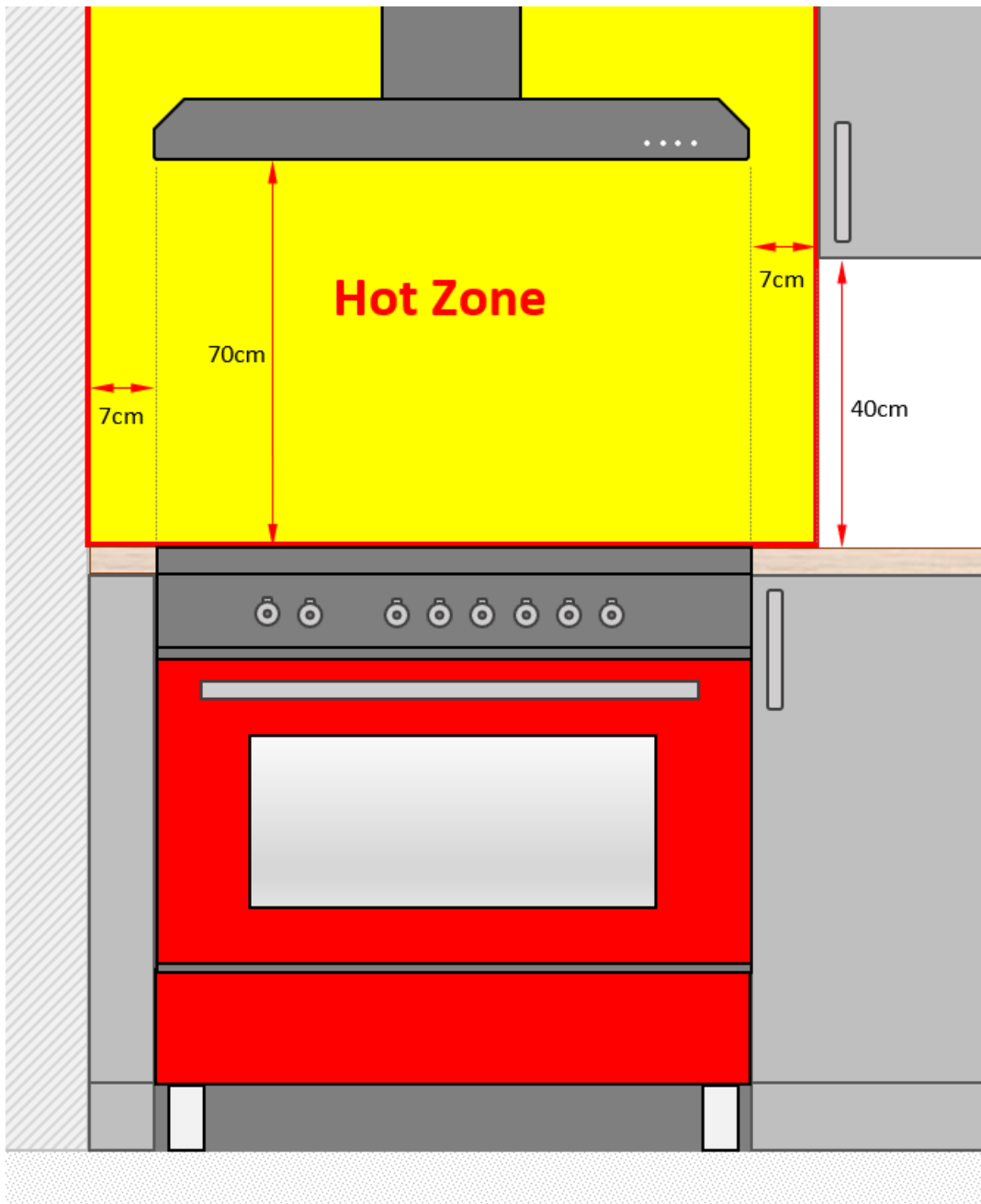


Hot Zone

Any flammable materials in the 'Hot Zone' above the cooktop are not permitted (please refer to building regulations). This includes any electrical switches.

It is possible to install your range cooker within an Alcove or Chimney Breast, but a minimum gap of 7cm either side, must be maintained to ensure safe operation.

If an extractor is to be fitted above the cooktop, the minimum mounting height (found within the extractor's technical specifications) takes precedence over the minimum height specified for the rangecooker.



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Electrical Supply Requirements

All Bertazzoni rangecookers are classed as ‘Fixed appliances’. Your new rangecooker will require its own individual electrical circuit & must not be connected with a 13A plug.

An appropriate & fixed outlet needs to be a maximum of 1m away from the centre-line of the rangecooker’s final position. This circuit must include an isolation switch, that is easily accessible (for safety reasons) and must not be located directly behind the appliance or in the ‘Hot Zone’ as described above.

If you are replacing your old rangecooker with a similar Bertazzoni model or changing from dual-fuel to all electric, it is essential, to ensure that your electrical circuit can safely supply the new rangecooker (your new Bertazzoni rangecooker may draw more power than your old model).

Power requirements for all Bertazzoni Rangecookers

Cooker model	Type	MCB size for dedicated cooker circuit	Fuse rates	The cable of alimentation
60 cm single oven	Gas hob top	13 AMP MCB	13 AMP FUSE	H05RR-F or H05VV-F 3X1,5 mm ²
*60 cm single oven	Induction hob top	32 AMP MCB	32 AMP FUSE	H07RN-F 3X4 mm ²
60 cm single gas oven	Gas hob top	13 AMP MCB	13 AMP FUSE	H05RR-F or H05VV-F 3X1,5 mm ²
90 cm single hybrid oven	Gas hob top	16 AMP MCB	16 AMP FUSE	H05RR-F or H05VV-F 3X1,5 mm ²
90 cm single gas oven	Gas hob top	13 AMP MCB	13 AMP FUSE	H05RR-F or H05VV-F 3X1,5 mm ²
90 cm single oven	Gas hob top	16 AMP MCB	16 AMP FUSE	H05RR-F or H05VV-F 3X1,5 mm ²
*90 cm single oven	Induction hob top	32/40 AMP MCB	32/40 AMP FUSE	H07RN-F 3X4 mm ²
90 cm twin oven	Gas hob top	20 AMP MCB	20 AMP FUSE	H05BB-F or H05SS-F 3X2,5 mm ²
*90 cm twin oven	Induction hob top	32/40 AMP MCB	32/40 AMP FUSE	H07RN-F 3X4 mm ²
100 cm twin oven	Gas hob top	20 AMP MCB	20 AMP FUSE	H05BB-F or H05SS-F 3X2,5 mm ²
*100 cm twin oven	Induction hob top	32/40 AMP MCB	32/40 AMP FUSE	H07RN-F 3X4 mm ²
100/110 cm XG (3 oven compartments)	Gas hob top	32 AMP MCB	30 AMP FUSE	H07RN-F 3X4 mm ²
*100/110 cm XG (3 oven compartments)	Induction hob top	40 AMP MCB	40 AMP FUSE	H07RN-F 3X6 mm ²
120cm twin oven	Gas hob top + griddle	32 AMP MCB	30 AMP FUSE	H07RN-F 3X4 mm ²

* With diversity factor applied

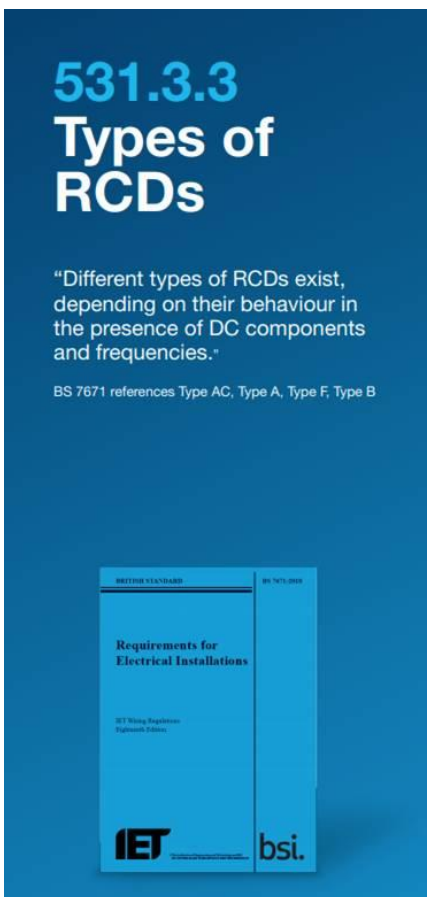


RCD (Residual Current Detector)

Many households in the UK still have the original ‘Type AC’ RCD fitted within the consumer unit (or Fuse Board).

If you are replacing a dual-fuel rangecooker with a Bertazzoni dual-fuel Rangecooker, the ‘Type AC’ RCD will work just fine - as this *type* of RCD, is designed for resistive loads (examples: Kettles, Toasters, Irons, Ovens that have a heating elements).

If you have chosen an all-electric Bertazzoni Rangecooker, this will be fitted with an induction cooktop. The industry recommends that the RCD be changed for a ‘Type A’ if an induction hob is connected into the consumer’s circuit – please see BSI’s recommendation below:



The Different Types

RCD's exist in various different forms and react differently depending on the presence of DC components or different frequencies. The following RCD's are available with the respective symbols and the designer or installer is required to select the appropriate device for the specific application:



Type AC - General purpose use

RCD can detect & respond to AC sinusoidal wave only.



Type A – Equipment incorporating electronic components

RCD can detect & respond as for type AC, PLUS pulsating DC components.



Type F – Equipment with frequency controlled speed drives

RCD can detect & respond as for type A, PLUS high frequency residual current.



Type B –Electric vehicle chargers, PV supplies.



RCD can detect & respond for type F, PLUS smooth DC residual current.

RCD	Examples of type of equipment / load
Type AC	Resistive, Capacitive, Inductive loads generally without any electronic components, typically: <ul style="list-style-type: none"> • Immersion heater • Oven/Hob with resistive heating elements • Electric shower • Tungsten & halogen lighting
Type A	Single phase with electronic components, typically: <ul style="list-style-type: none"> • Single phase inverters • Class 1 IT and Multimedia equipment • Power supplies for Class 2 equipment • Appliances such as a washing machine that is not frequency controlled e.g. d.c. or universal motor • Lighting controls such as a dimmer switch and home and building electronic systems LED drivers • Induction hobs • Electric Vehicle charging where any smooth DC fault current is less than 6 mA <p>Type A is also suitable for Type AC applications.</p>
Type F	Frequency controlled equipment / appliances, typically: <ul style="list-style-type: none"> • Some washing machines, dishwashers and driers e.g. containing synchronous motors • Some class 1 power tools • Some air conditioning controllers using variable frequency speed drives <p>Type F is also suitable for Type AC and Type A applications.</p>
Type B	Three phase electronic equipment typically: <ul style="list-style-type: none"> • Inverters for speed control • UPS • Electric Vehicle charging where any smooth DC fault current is greater than 6mA • Photo voltaic • Power Electronic Converter Systems (PECS) typically: • Industrial machines • Cranes <p>Type B is also suitable for Type AC, Type A and Type F applications.</p>

If in doubt, please seek advice from a fully trained electrical engineer.

Disclaimer

While every effort has been made to ensure the accuracy of the information contained in this document, Fratelli Bertazzoni reserves the right to change any part of the information at any time without notice. For detailed installation specifications, consult the installation manual.