

Rangehood and kitchen overhead clearances from domestic cooking appliances

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The new AS/NZS5601.1 – 2022 gas installation standard (the standard), adopted and implemented on the 31st of March 2023, new clearance requirements now exist for the installation of domestic cooking appliances under rangehoods and overhead combustible surfaces.

For new domestic kitchens constructed after the adoption of the standard

For all domestic cooking appliance installations in new builds and kitchen replacements / renovations, the clearance from the top of the cooking vessel supports (trivets) to the underside of the rangehood require to have a minimum clearance of 650mm. If a greater clearance is required by either the cooking appliance manufacturer or the rangehood manufacturer, the greater clearance must be followed.

For overhead cupboards and any other downward facing combustible surfaces less than 650mm above the cooker support trivets will be required to be protected the full width and depth of the hob. This clearance to any overhead surface must not be less than 450mm. **Appendix C in the standard provides specifications and methods of thermal protection.**

Reference:

Clause 6.10.1.1 Clearance around a gas cooking appliance, other than for indoor barbecues in residential premises (a) Requirement 1 — Overhead clearances — (Measurement A): (i) (ii)

For existing domestic kitchens constructed prior to the adoption of this standard

For existing kitchens compliant with the previous standard, alterations that involve replacing a cooktop are only permitted to retain a 600 mm clearance measured from the highest burner point to the underside of the rangehood and any overhead downward facing combustible surfaces if the new cooktop manufacturer allows it. If the new cooktop manufacturer requires a greater clearance, the manufacturer's specifications must be applied.

Reference:

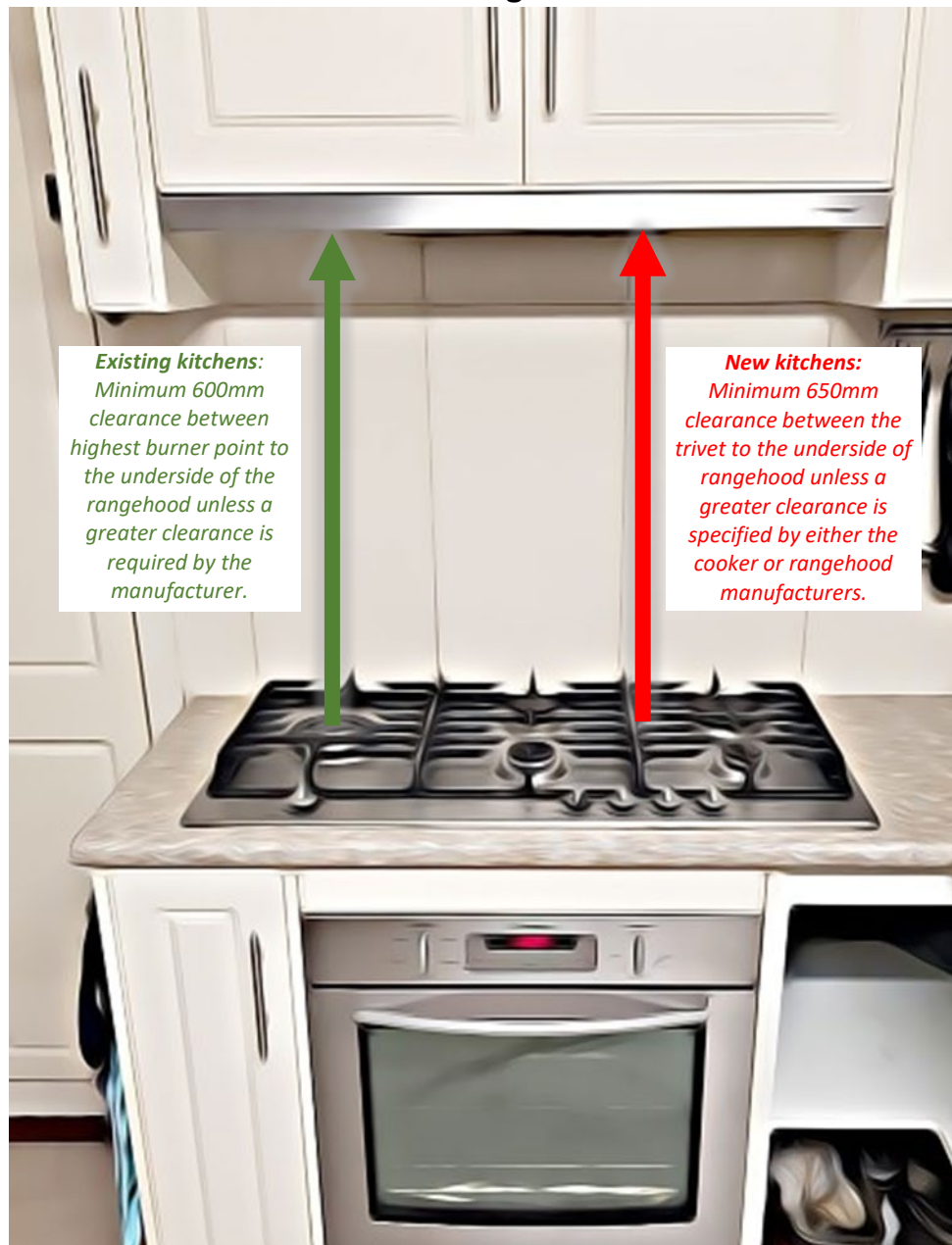
Clause 6.10.1.1 clearance around a gas cooking appliance in residential buildings. (a) Requirement 1 — Overhead clearances — (Measurement A): (iii)

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Note:

For kitchens with gas cooking appliances, manufactured and installed prior to the implementation of the current AS/NZS5601.1 – 2022 gas installation standard, that were compliant with the previous standard undergo refurbishment (door and benchtop replacements only) re-using the existing hotplate the minimum clearance of 600mm can be maintained. If the refurbishment involves replacing the cooking appliance, the installation must comply with the manufacturer's clearance specification.

Domestic kitchen rangehood clearances



Contact the Office of the Technical Regulator for more information

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