



Exhaust Systems

NCC2022 Housing Provisions Standard
– Part 10.8 Condensation Management

How to comply with Clause
10.8.2 in Climate Zones 1 to 8

The National Construction Code 2022 Housing Provisions Standard, section 10.8 titled 'CONDENSATION MANAGEMENT' has amendments to the section: 10.8.2 Exhaust Systems

To assist in reducing condensation risk in homes, the National Construction Code prescribes a number of measures to reduce the build-up of internal moisture. Key to these measures is the mandatory requirement to exhaust all moisture sources to outdoor air in all Australian climate zones.

These changes apply to residential detached (Class 1) homes and compliance to this new clause can be achieved with installation of roof ventilators in accordance with the recommendations in this brochure.

NCC2022 Housing Provision Standards References

NCC2022 Condensation Management clause 10.8.2 lists the following requirements for discharge of exhaust systems:

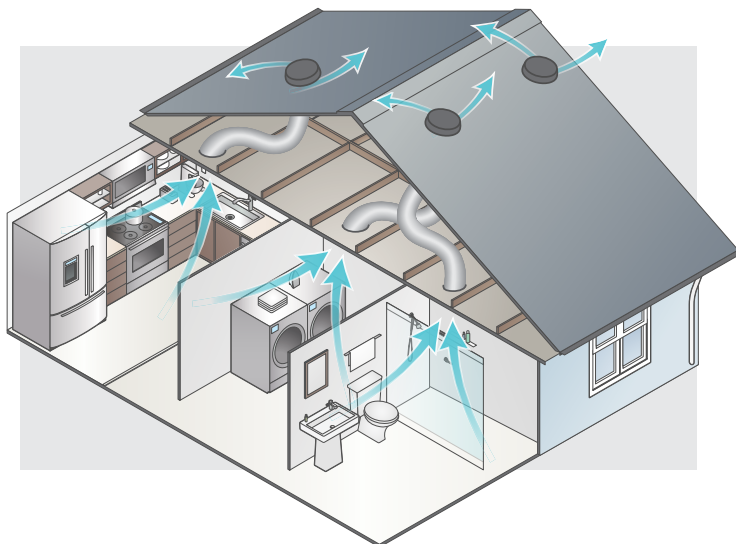
- (2) Exhaust from a bathroom, kitchen, kitchen rangehood, sanitary compartment, or laundry must be discharged directly or via a shaft or duct to outdoor air.
- (3) Where a venting clothes dryer is installed, it must discharge directly or via a shaft or duct to outdoor air.

* NCC Clause Note 10.8.2 - for the purpose of this publication this clause has not been reproduced in full, please refer to the NCC for a full copy. Refer to subclauses 5 & 6 for further requirements.

Clause Interpretations & How to Comply

Exhaust from the kitchen, bathroom, toilet and laundry must be vented to outside air. The intent of this clause is to ensure that moist air from inside the home is ducted directly to outside air and not into the roof space.

For residential homes, one Roof Valve BAL or Roof Valve per bathroom, toilet, kitchen or laundry exhaust system is recommended to meet compliance.



Benefits of using Bradford Ventilation Products to Comply with NCC2022 Housing Provisions Standard

- + Offers low profile and aesthetic designs, compatible with 150mm ducted exhaust systems.
- + Available for BAL & non-BAL applications.
- + Provides products that are ideal for homes with no eave space.

Bradford Product Solutions

To Comply with Clause 10.8.2

Roof Valve

The Roof Valve with duct collar is a low-profile static roof ventilator that allows the release of air from the kitchen, bathroom, sanitary compartment or laundry via a flexible duct. The 150mm throat makes it ideal to partner with 150mm ducted exhaust systems.



Roof Valve BAL

The Roof Valve BAL is a BAL-rated, low-profile static roof ventilator that allows the release of air from the kitchen, bathroom, sanitary compartment or laundry via a flexible duct. The 150mm throat makes it suitable for the purpose of ducting in bushfire zones up to BAL40.

