

## Ci Compact Internal, Fluing Requirements

From	Our Reference	Tel.	Date
TT/SAU-ASA2	Ci Fluing	1300 307 037	August 2020

The following information is provided to assist plumbers and gasfitters with the fluing requirements for the Ci Compact Internal Hot Water System.



GWH 10-2 (Ci 10) NG	7701 331 614
GWH 13-2 (Ci 13) NG	7702 331 714
GWH 16-2 (Ci 16) NG	7703 331 744
GWH 10-2 (Ci 10) LPG	7701 531 975
GWH 13-2 (Ci 13) LPG	7702 531 974
GWH 16-2 (Ci 16) LPG	7703 531 948

The fluing components are not supplied by Bosch. These can be purchased from plumbing supply trade stores. We recommend the use of the Duravent range manufactured by Abey.

The fluing is required as per AS/NZS 5601 and must terminate externally from the building and include an approved gas cowl.

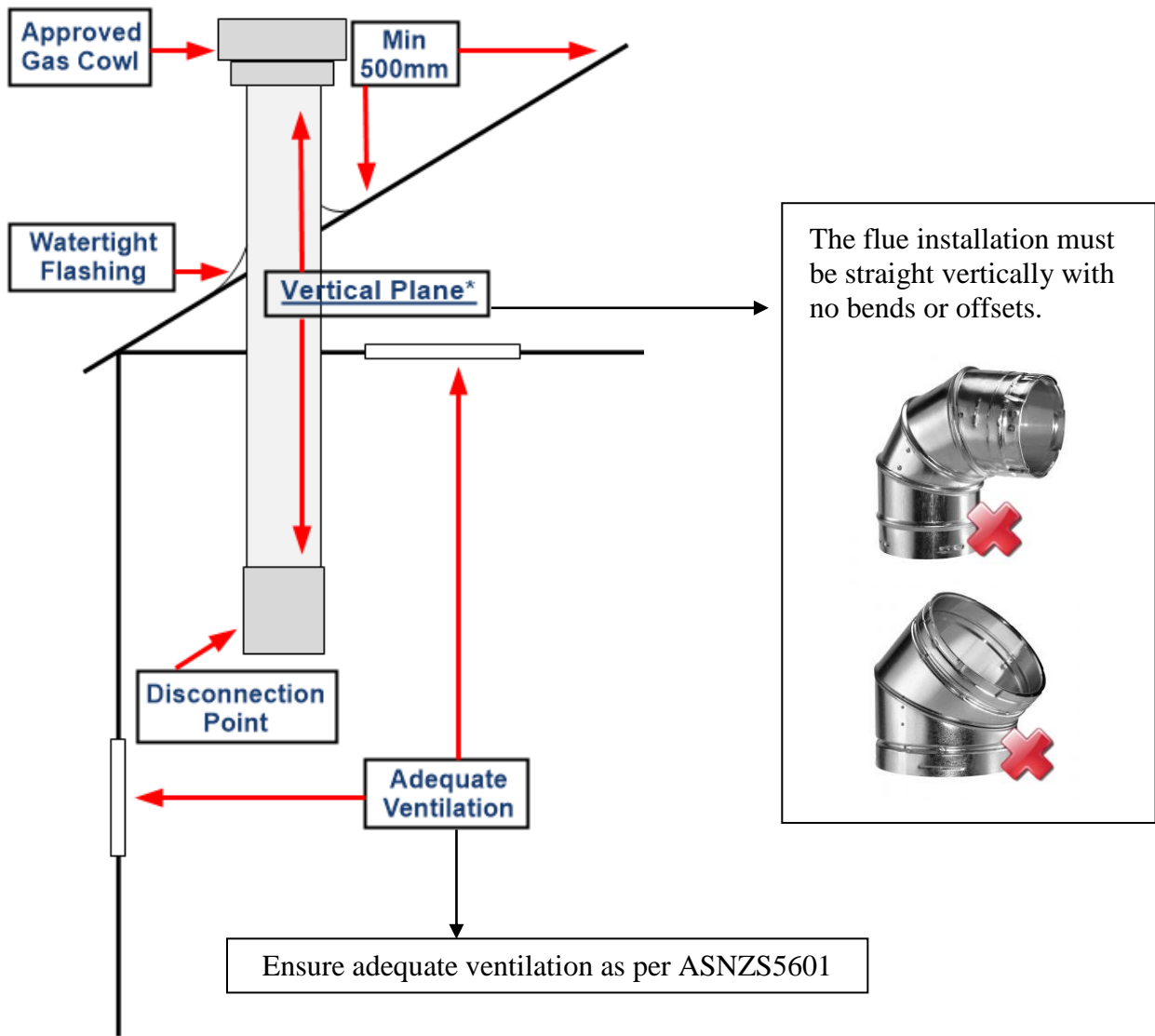
Key points regarding the design of the flue.

- The flue needs to be installed so **all parts are vertical.**
- No bends/elbows are allowed in the flue as it affects the operation of the flue gas safety switch.
- The roof penetration should be sealed to prevent water entering the building and affecting the operation of the appliance.
- The use of asbestos or single skin fluing is not recommended.
- The flue should be installed with a form of disconnection to allow the water heater to be separated from the fluing (ie. Duravent Adjustable pipe).
- The fluing needs adequate clipping and support and should not be supported by the appliance.

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### Typical Flue Installation



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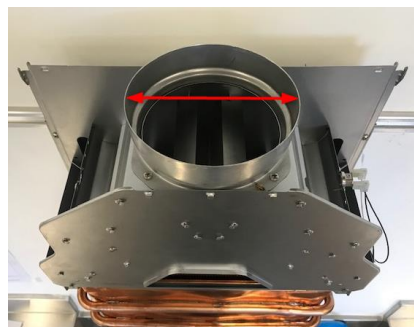
### Sequence of components for a typical flue installation.

The following contains the materials required from the Abey Duravent range for the flue installation of the Compact Internal.

The code numbers listed below are used by Abey, these may differ from the part numbers used by retailers.

For up-to-date information on Abey flues please visit: [www.abeytrade.com.au](http://www.abeytrade.com.au)

Component		GWH 10	GWH 13 / GWH 16
		100mm Diameter	125mm Diameter
		Code	Code
	Gas Cowl	2057	2058
	1500mm	2007	2014
	900mm	2009	2016
	300mm	2010	2017
	Adjustable Pipe (Disconnection Point)	2029	2030
	Diverter Connector	2050	2051



Connection collar for flue;

**GWH 10** – 115mm

**GWH 13 / 16** – 140mm

The Diverter Connector is designed to fit onto this connection and adapt to the coinciding flue diameter.