

Type 27 vs POL Gas Connections

The Type 27 (also known as the Leisure Cylinder Connection or LCC27) connection is the modern, mandatory standard for portable LPG cylinders (like 4.5kg and 9kg BBQ gas bottles) in Australia. It was introduced in April 2022 by the Australian Gas Association (AGA) to replace the older POL (Type 21) fitting, significantly improving user safety, handling, and leak prevention. This change will take place over 10 years, and by 2032 the Type 21 will be officially obsolete

Core Differences

Feature	POL (Type 21)	Type 27 (LCC27)
Thread Direction	Left-handed (anti-clockwise to tighten)	Right-handed (standard clockwise to tighten)
Safety Valve	Gas can flow the moment the cylinder is opened, even if not attached to a hose	Built-in check valve; gas will not flow unless the appliance is securely connected
Thermal Protection	Relies entirely on the cylinder pressure relief valve opening (no secondary thermal shutoff)	Features a thermal safety device that shuts off gas if exposed to direct fire/high heat
Ease of Use	Smaller nut requiring a spanner or firm hand-tightening	Large hand wheel with a coarse, uncrossable thread
Cylinder Knob	Usually features a green or silver knob	Usually features a black knob



POL (Type 21)

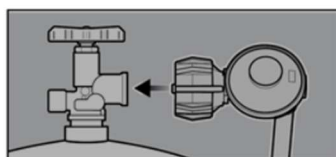


Type 27 (LCC27)

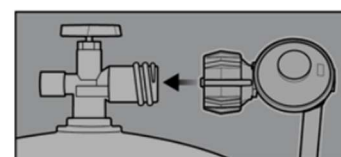
If you have an appliance and cylinder with POL fittings, you can continue to use it as normal until your cylinder reaches its 10-year testing date, at which point it will need to be fitted with a new LCC27 valve. The LCC27 valve is backwards-compatible, so you can continue to use the POL fitting on your appliance.

New appliances with the LCC27 fitting, however, will not connect to a cylinder with a POL valve, so **you will need to update your Gas Bottle to the new Valve Type to ensure compatibility.**

POL



LCC27



Common Issues

1. Not tightening the connecting properly - if the connection is not tightened, this can result in either no gas coming through, or gas leaking out between the hose and the bottle.
2. Triggering the trickle mode – refer to our separate article on resetting the gas connection. To prevent the trickle mode activating, light the BBQ by turning one control knob only during lighting, not all control knobs.
3. In rare cases, the O-ring may be missing in the bottle. This most likely will start occurring more often as gas bottles age.

If you would like to read more, please refer to the Australian Standard AS/NZS 5263.1.7, Domestic outdoor gas cooking appliances and AS/ NZS 2658 LP gas portable and mobile appliances. Or, call your nearest BBQs Plus store for advice.