

Using portable LPG cylinders inside with flueless gas heaters

The use of LPG cylinders to provide fuel for indoor flueless heaters is not recommended. AS/NZS 5601.1 Gas Installations Standard, referring to AS/NZS 1596, permits up to 20 litres (10 kilograms) of LPG to be stored inside residential premises.

However, the combination of LPG cylinder and flueless heater together can create a dangerous combination if the user chooses to ignore safety advice and take appropriate precautions.

As the appliance can be moved quite easily into other areas it might be used in prohibited locations such as bedrooms and bathrooms, along with other rooms that are too small and have no permanent ventilation installed.

Flueless gas heaters are very efficient but it is essential that the rooms they are used in have adequate ventilation for their safe use.

Gas appliance retailers and installers are urged to strongly discourage the practise of using LPG cylinders for indoor flueless heaters and not to sell components to facilitate it.

The storage and use of LPG cylinders indoor poses a significant risk and should be avoided.

For example, the cylinder could tip over and cause the liquid form of the LPG gas to reach burner, which will result in flaring. If the regulator was to vent or the cylinder relief valve was to operate inside, the consequences could be disastrous.



More information

For more information please visit the Office of the Technical Regulator (OTR) website sa.gov.au/otr