



## How multi-split air conditioners are registered under the GEMS Act

Multi-split air conditioners are registered differently to other air conditioners under the GEMS Act

Air conditioners, including multi-split systems, covered by the Greenhouse and Energy Minimum Standards (Air Conditioners up to 65kW) Determination 2019 and Greenhouse and Energy Minimum Standards (Air Conditioners above 65kW) Determination 2022, must be registered before they can be supplied or sold within Australia.

Multi-split air conditioning systems are defined as having:

- separate indoor and outdoor parts, or 'units' that are connected with refrigerant piping
- two or more indoor units, each of which can be individually controlled.

Multi-split air conditioning systems can be supplied in a large variety of configurations compared to other air conditioning systems. For this reason, multi-split air conditioners are registered differently under the GEMS Act.

### How multi-split air conditioning systems are registered

For other types of air conditioner systems, it's the **system** of indoor and outdoor units as a whole that is regulated and requires registration. But this approach is impractical for multi-split systems due to the large number of possible combinations of indoor and outdoor units.

For multi-split air conditioning systems, the multi-split **outdoor unit** is regulated and must be registered, instead of the overall multi-split system.

This means that a multi-split outdoor unit may be sold or supplied in any appropriate combination of outdoor and indoor units.

This approach avoid situations where a supplier may need to register multiple systems that contain the same outdoor units. For example, a 20 kilowatt (kW) outdoor unit being registered as part of a 20 kW system and again as part of a 40 kW system containing two of the already-registered 20 kW outdoor units.

#### Key points

Multi-split air conditioning **systems** do not need to be registered. But the **individual outdoor units** must be registered.

Registered individual outdoor units can be combined in a variety of multi-split air conditioning systems without additional testing and registrations.

## Is my multi-split air conditioning system registered?

The GEMS Act requires outdoor units, which form multi-split air conditioning systems, be registered for sale. The multi-split system as a whole does not require registration.

You can check to see if a multi-split air conditioning outdoor unit is registered by visiting the [GEMS Energy Registration Database](#).

You will need to check the database using the model number of each outdoor unit. A few ways that you can find the outdoor unit model number are:

- Check the receipt for the air conditioner.
- Inspect the outdoor unit, if possible. The model number may be displayed on the outside of the unit, either on a sticker or a metal plate.
- Ask the supplier.

The model number of the overall multi-split air conditioning system will not display any results in the registration database.

If you are a supplier of multi-split air conditioning systems, you can register a new multi-split air conditioning unit using the [Energy Rating Product Registration system](#).

## Want more information?

Check out our website [www.energyrating.gov.au](http://www.energyrating.gov.au) and our [Air conditioners page](#).

Contact us at [energyrating@industry.gov.au](mailto:energyrating@industry.gov.au)



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