

Purchase a High Efficiency New Freezer; Residential or Commercial**Activity No.**

APP1B

1. Activity Specific Definitions

Freezer means a refrigerating appliance registered for energy labelling and MEPS under standard AS/NZS 4474.2 classified as Group 6C, 6U or 7.

CEC is the Comparative Energy Consumption shown on the energy label and entered in the product registration in kWh/year

Gross volume is the total gross volume of all compartments as determined in accordance with AS/NZS 4474.1 in litres

Adjusted volume is the **adjusted volume** determined in accordance with AS/NZS 4474.2 and entered in the product registration in litres

2. Activity Description (Summary)

Purchase an efficient new (separate) freezer

3. Activity Eligibility Requirements

Any compliant product sold in a retail outlet in South Australia for use in a residential or commercial premises in South Australia.

4. Installed Product Requirements

1. A Group 6C product shall have a total gross volume in the size range 100 to 700 litres and shall achieve a star rating index of not less than 3.3 in accordance with AS/NZS 4474.2;
2. A Group 6U or 7 product shall have a total gross volume in the size range 100 to 400 litres and shall achieve a star rating index of not less than 2.5 in accordance with AS/NZS 4474.2.
3. The product shall have a valid registration with GEMS regulator at the time of sale.
4. The refrigerating appliance shall not have a designation of cooled appliance under AS/NZS 4474.1.
5. The refrigerating appliance shall not be a wine storage appliance or have any compartment that is intended exclusively for wine or beverage storage.

5. Minimum Installation Requirements

None.

6. Activity energy savings

The normalised energy saved per appliance purchased is equal to:

Group 6C Normalised Energy Savings GJ = $\{[0.6329 \times (150 + 7.5 \times (\text{Adjusted volume})^{0.67})] - \text{CEC}\} \times 0.04131$

Group 6U and 7 Normalised Energy Savings GJ = $\{[0.77 \times (150 + 7.5 \times (\text{Adjusted volume})^{0.67})] - \text{CEC}\} \times 0.04131$

7. Guidance Notes (Informative only – not mandatory)

Information on registration data for current models can be obtained from the Downloadable CSV file available at: http://reg.energyrating.gov.au/comparator/product_types/28/search/. Adjusted volume and CEC are obtained from the "Adjusted volume" and "CEC" columns of the CSV file.

Cooled appliance has the meaning as in AS/NZS 4474.1, being an appliance which cannot be classified as a refrigerator, refrigerator/freezer or freezer.