

<b>Purchase a High Efficiency New Freezer; Residential or Commercial</b>	<b>Activity No.</b>
	<b>APP1B</b>

## 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

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;

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.

The product shall have a valid registration with GEMS regulator at the time of sale.

The refrigerating appliance shall not have a designation of cooled appliance under AS/NZS 4474.1.

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/](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.