

Purchase 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 4474.2:2009 or AS/NZS4474:2018 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 or AS/NZS IEC 62552.3:2018 in litres

Adjusted volume is the adjusted volume determined in accordance with AS/NZS 4474:2018 or AS/NZS IEC 62552.3:2018 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 3.5 in accordance with AS/NZS 4474.2 or AS/NZS4474:2018.

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 3.1 in accordance with AS/NZS 4474.2 or AS/NZS4474:2018.

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 or AS/NZS 4474.

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. NORMALISED REPS GIGAJOULES

The normalised REPS gigajoules per appliance purchased is equal to:

Normalised REPS Gigajoules = Productivity Factor (as per table below) x REPS Transition Factor (as per table below).

ACTIVITY APP1B – REPS PRODUCTIVITY FACTORS – GROUP 6C

Group 6C	Star Rating									
Gross Volume	3.5 to < 4 Stars	4 to < 4.5 Stars	4.5 to < 5 Stars	5 to < 5.5 Stars	5.5 to < 6 Stars	6 to < 7 Stars	7 to < 8 Stars	8 to < 9 Stars	9 to < 10 Stars	10 Stars
100 to < 150 L	1.7	2.9	3.9	4.7	5.5	6.2	7.3	8.1	8.8	9.2
150 to < 200 L	2.0	3.3	4.5	5.5	6.4	7.2	8.5	9.5	10.2	10.7
200 to < 250 L	2.2	3.7	5.0	6.2	7.2	8.1	9.5	10.6	11.5	12.0
250 to < 300 L	2.5	4.1	5.6	6.8	7.9	8.9	10.5	11.7	12.7	13.3
300 to < 350 L	2.7	4.5	6.1	7.4	8.6	9.7	11.4	12.8	13.8	14.4
350 to < 400 L	2.9	4.8	6.5	8.0	9.3	10.4	12.3	13.8	14.9	15.5
400 to < 450 L	3.1	5.2	7.0	8.5	9.9	11.2	13.2	14.7	15.9	16.6
450 to < 500 L	3.3	5.5	7.4	9.1	10.6	11.8	14.0	15.6	16.9	17.6
500 to < 550 L	3.5	5.8	7.8	9.6	11.1	12.5	14.8	16.5	17.8	18.6
550 to < 600 L	3.7	6.1	8.2	10.1	11.7	13.2	15.5	17.3	18.8	19.6
600 to < 650 L	3.8	6.4	8.6	10.6	12.3	13.8	16.3	18.2	19.6	20.5
650 to 700 L	4.0	6.7	9.0	11.0	12.8	14.4	17.0	19.0	20.5	21.4

ACTIVITY APP1B – REPS PRODUCTIVITY FACTORS – GROUP 6U & 7

Group 6u & 7	Star Rating										
	Gross Volume	3.1 to < 3.5 Stars	3.5 to < 4 Stars	4 to < 4.5 Stars	4.5 to < 5 Stars	5 to < 5.5 Stars	5.5 to < 6 Stars	6 to < 7 Stars	7 to < 8 Stars	8 to < 9 Stars	9 to < 10 Stars
100 to < 150 L	1.6	2.6	3.8	4.8	5.6	6.4	7.1	8.2	9.0	9.7	10.1
150 to < 200 L	1.9	3.0	4.4	5.5	6.5	7.4	8.2	9.5	10.5	11.3	11.7
200 to < 250 L	2.1	3.4	4.9	6.2	7.4	8.4	9.2	10.7	11.8	12.7	13.2
250 to < 300 L	2.3	3.8	5.4	6.9	8.1	9.2	10.2	11.8	13.0	14.0	14.6
300 to < 350 L	2.5	4.1	5.9	7.5	8.8	10.0	11.1	12.8	14.2	15.2	15.8
350 to < 400 L	2.7	4.4	6.3	8.0	9.5	10.8	12.0	13.8	15.3	16.4	17.1

ACTIVITY APP1B – REPS TRANSITION FACTORS

Year of Installation	REPS Transition Factor
2021	4
2022	4
2023	3
2024	2
2025 onwards	1

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 or AS/NZS 4474., being an appliance which cannot be classified as a refrigerator, refrigerator/freezer or freezer.

Transition factors have been applied to certain REPS activities to provide a pathway to transition the REPS toward delivery of a preferred mix of activities over the first five-year stage. Application of these factors provides a phased trajectory for retailers that addresses both the challenge of managing the downgrading of deemed gigajoules for lighting activities due to reducing additionality, as well as the pivot toward business models to deliver deeper retrofit activities and demand response activities