

Purchase High Efficiency New Refrigerator or Refrigerator-Freezer; Residential or Commercial	Activity No.
	APP1A

1. ACTIVITY SPECIFIC DEFINITIONS

Refrigerator means a refrigerating appliance registered for energy labelling and MEPS under standard AS/NZS 4474.2 classified as Group 1, 4, 5T, 5B or 5S

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

2. ACTIVITY DESCRIPTION (SUMMARY)

Purchase an efficient new refrigerator or refrigerator-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. PRODUCT REQUIREMENTS

- (1) A Group 1 product shall have a total gross volume in the size range 100 to 500 litres and shall achieve a star rating index of not less than 2.0 in accordance with AS/NZS 4474.2;
- (2) A Group 4, 5T, 5B or 5S 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 2.7 in accordance with AS/NZS 4474.2.
- (3) The product shall have a valid registration with the 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:

Normalised Energy Savings (GJ)= The relevant Savings factor in the tables below.

Group 1	Star Rating												
	Gross Volume	2 to < 2.5 Stars	2.5 to < 3 Stars	3 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	2.6	3.9	4.9	5.9	6.7	7.4	8.1	8.6	9.3	10.1	10.7	11.1	11.3
150 to < 200 L	2.9	4.2	5.4	6.4	7.3	8.1	8.8	9.4	10.1	11	11.6	12.1	12.3
200 to < 250 L	3.1	4.5	5.7	6.8	7.8	8.6	9.4	10	10.9	11.7	12.4	12.9	13.2
250 to < 300 L	3.3	4.8	6.1	7.3	8.3	9.2	10	10.7	11.5	12.5	13.2	13.7	14
300 to < 350 L	3.4	5	6.4	7.7	8.7	9.7	10.5	11.2	12.2	13.2	13.9	14.5	14.7
350 to < 400 L	3.6	5.3	6.8	8	9.2	10.2	11	11.8	12.8	13.8	14.6	15.2	15.5
400 to < 450 L	3.8	5.5	7.1	8.4	9.6	10.6	11.5	12.3	13.3	14.4	15.3	15.9	16.2
450 to 500 L	3.9	5.8	7.4	8.8	10	11.1	12	12.8	13.9	15	15.9	16.6	16.8

Groups 4, 5T, 5B and 5S	Star Rating											
	Gross Volume	2.7 to < 3 Stars	3 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	2.6	3.6	4.7	5.7	6.6	7.4	8	8.9	9.8	10.5	11	11.3
150 to < 200 L	2.9	4.1	5.4	6.6	7.6	8.4	9.2	10.2	11.3	12.1	12.7	12.9
200 to < 250 L	3.3	4.6	6.1	7.3	8.5	9.4	10.3	11.4	12.6	13.5	14.2	14.5
250 to < 300 L	3.6	5	6.6	8	9.3	10.4	11.3	12.5	13.8	14.8	15.6	15.9
300 to < 350 L	3.9	5.5	7.2	8.7	10.1	11.2	12.3	13.6	15	16	16.9	17.2
350 to < 400 L	4.2	5.9	7.7	9.4	10.8	12.1	13.2	14.6	16.1	17.2	18.1	18.5
400 to < 450 L	4.5	6.3	8.2	10	11.5	12.8	14	15.5	17.1	18.3	19.3	19.7
450 to < 500 L	4.7	6.6	8.7	10.6	12.2	13.6	14.8	16.4	18.1	19.4	20.4	20.8
500 to < 550 L	5	7	9.2	11.1	12.8	14.3	15.6	17.3	19.1	20.5	21.5	22
550 to < 600 L	5.2	7.3	9.6	11.7	13.5	15	16.4	18.2	20	21.5	22.6	23
600 to < 650 L	5.5	7.7	10.1	12.2	14.1	15.7	17.2	19	21	22.5	23.6	24.1
650 to 700 L	5.7	8	10.5	12.7	14.7	16.4	17.9	19.8	21.9	23.4	24.6	25.1

7. GUIDANCE NOTES (INFORMATIVE ONLY – NOT MANDATORY)

(1) This activity may be undertaken in conjunction with activity APP2, in which case credits for both this activity and activity APP2 may be claimed. Note, this only applies in cases where activity APP2 relates to removal and disposal of a main (primary) appliance and not in relation to a “secondary” appliance as defined under activity APP2.

(2) Information on registration data for current models can be obtained from:

http://reg.energyrating.gov.au/comparator/product_types/28/search/.

A description of refrigerator and freezer Groups (called “Type” in the above noted website) is provided at, www.energyrating.gov.au/products-themes/refrigeration/domestic-refrigeration/meps/

(3) 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.