Install an Efficient New Reverse Cycle Air Conditioner (Non-Ducted); (Residential and Small Energy Consuming Customers Only)	Activity No.
	HC2A

1. ACTIVITY SPECIFIC DEFINITIONS

Reverse cycle air conditioner (non-ducted) means a single phase non-ducted air conditioner with both heating and cooling functions that is registered for energy labelling and MEPS under *GEMS Air Conditioners up to 65kW Determination 2019* as applicable.

ACOP means the annual coefficient of performance as defined in *GEMS Air Conditioners up to 65kW Determination 2019*.

AEER means the annual energy efficiency ratio as defined in *GEMS Air Conditioners up to 65kW Determination 2019*.

HSPF means Heating Seasonal Performance Factor as defined in *GEMS Air Conditioners up to 65kW Determination 2019*.

TCSPF means Total Cooling Seasonal Performance Factor as defined in *GEMS Air Conditioners up to 65kW Determination 2019*.

Fixed Resistance Electric Heater means an electric heater that utilizes a resistance electric heating element (ACOP = 1) that is permanently fixed within the building. Portable electric heaters such as fan convectors radiant or oil column heaters that are not permanently fixed do not qualify as **a "fixed resistance electric heater".**

SRI means Star Rating Index (AS/NZS 3823.2, i.e. based on ACOP or AEER).

Seasonal SRI means Seasonal Star Rating Index (2019 GEMS Determination, i.e. based on HSPF or TCSPF).

Small energy consuming customer (SECC) means a non-residential customer consuming less than 160MWh of electricity per National Meter Identifier in the 12 months prior to any upgrade works credited under this specification.

2. ACTIVITY DESCRIPTION (SUMMARY)

Install an efficient new reverse cycle air conditioner (non-ducted). This can take one of three forms:

- HC2A(i) – Replacement (early retirement) of a pre-existing room air-conditioner in working order (Priority group households only)
- HC2A(ii) – Replacement of a pre-existing fixed resistance electric heater in working order
- HC2A(iii) – Installation of a new reverse cycle air-conditioner (non-ducted) without any pre-condition in relation to type of existing heating equipment (if any). Includes installation of a new air conditioner in a new dwelling

3. ACTIVITY ELIGIBILITY REQUIREMENTS

(1) Any Residential building or Small Energy Consuming Customers in South Australia where the installed product requirements and minimum installation requirements can be met, notwithstanding that:

- Activity HC2A(i) – Replacement (early retirement) of a pre-existing air-conditioner is limited in application to priority group households only.

- In relation to activities HC2A(i) and HC2A(ii), all the pre-existing heater/s within the conditioned spaces of the premises must be fully decommissioned, removed from the property and disposed of.

(2) For Priority group households only:

- In relation to activity HC2A(i), this activity can be delivered twice per premises, providing all other aspects of the specification are met.
- In relation to activity HC2A(iii), this activity can be the second HC2A activity to be delivered to the same premises if:
    a. the first activity delivered was HC2A(i); and
    b. the premises is a Priority group household.

4. INSTALLED PRODUCT REQUIREMENTS

(3) The reverse cycle air conditioner (non-ducted) must achieve the following minimum performance standards under AS/NZS 3823.2 or *GEMS Air Conditioners up to 65kW Determination 2019* as applicable:

- Heating Performance
    a. AS/NZS 3823.2, minimum 3.5 stars or minimum ACOP of 4.0
    b. *GEMS Air Conditioners up to 65kW Determination 2019*, minimum 2.5 stars or minimum HSPF of 4.0
- Cooling Performance
    a. AS/NZS 3823.2, minimum 3.5 stars or minimum AEER of 4.0
    b. *GEMS Air Conditioners up to 65kW Determination 2019*, minimum 2.5 stars or minimum TCSPF of 4.0

(4) The reverse cycle air conditioner (non-ducted) shall be single phase and have a rated cooling output not exceeding 15kW.

(5) Multi-split systems are not eligible.

(6) The installed product must have a warranty of at least 2 years.

(7) Water loop heat pump products must be registered for sale under the *Greenhouse and Energy Minimum Standards (GEMS) Act 2012* (Cth) and comply with MEPS levels specified in AS/NZS 3823.2 or *GEMS Air Conditioners up to 65kW Determination 2019*, as applicable.

(8) The installed product must include demand response capability, in accordance with AS/NZS 4755.3.1 or AS/NZS 4755.2. In either heating or cooling mode, the device must be capable of operating in DR modes 1, plus mode 2 and/or 3 as defined in the above noted standards.

5. MINIMUM INSTALLATION REQUIREMENTS

(1) Any reverse cycle air conditioner (non-ducted) installed must comply with AS/NZS 60335.2.40 (Household and similar electrical appliances - Safety, Part 2.40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers).

(2) Removed pre-existing heaters/coolers shall have refrigerants and any other scheduled substances disposed of in accordance with the Australian and New Zealand refrigerant handling code of practice as established under the *Ozone Protection and Synthetic Greenhouse Gas Management Act 1989* (Cth).

6. NORMALISED REPS GIGAJOULES

The normalised REPS gigajoules achieved from undertaking this this activity is equal to:

Normalised REPS Gigajoules = **REPS Gigajoules** (as per the first six tables below) x **REPS Transition Factor** (as per the final table below).

Separate REPS Gigajoules tables are provided for “NCC climate zone 6” and “other places in SA”.

Separate REPS Gigajoules tables are provided for each of the three possible sub-activities available under this activity.

REPS Gigajoules are based on the installed products heating star rating or ACOP/HSPF (refer to the options in the red coloured fields down the left hand side of each table) and its cooling star rating or AEER/TCSPF (refer to the options in the blue coloured fields across the top of each table).

Note: In the REPS Gigajoules tables below, “Old Stars” refers to star ratings awarded under AS/NZS 3823.2: (i.e. a non-seasonal type rating) and “New Stars” refers to star ratings awarded under GEMS Air Conditioners up to 65kW Determination 2019 (i.e. a seasonal type rating).

REPS Gigajoules

(NCC climate 6) – HC2A (i) - Replacement (early retirement) of a pre-existing air-conditioner

NCC 6	HC2A(i)	Cooling Stars Old>	3.5 to < 4	4 to < 4.5	4.5 to < 5	5 to < 5.5	5.5 to < 6	6 to < 6.5	6.5 to < 7	7 to < 7.5	7.5 to < 8	8 to < 8.5	8.5 to < 9	9 to < 9.5	9.5 to < 10	≥ 10
		Cooling Stars New >	2.5 to < 3		3 to < 3.5		3.5 to < 4		4 to < 4.5		4.5 to < 5		5 to < 5.5		5.5 or More	
		AEER or TCSPF>	4 to < 4.25	4.25 to < 4.5	4.5 to < 4.75	4.75 to < 5	5 to < 5.25	5.25 to < 5.5	5.5 to < 5.75	5.75 to < 6	6 to < 6.25	6.25 to < 6.5	6.5 to < 6.75	6.75 to < 7	7 to < 7.25	7.25 or more
Heating Stars Old	Heating Stars New	ACOP or HSPF	REPS Credit (GJ)													
3.5 to < 4	2.5 to < 3	4 to < 4.25	8.4	9.0	9.5	9.9	10.3	10.7	11.0	11.3	11.6	11.8	12.1	12.3	12.5	12.7
4 to < 4.5		4.25 to < 4.5	10.9	11.5	12.0	12.4	12.8	13.2	13.5	13.8	14.1	14.3	14.6	14.8	15.0	15.2
4.5 to < 5	3 to < 3.5	4.5 to < 4.75	13.2	13.7	14.2	14.7	15.0	15.4	15.7	16.0	16.3	16.6	16.8	17.0	17.2	17.4
5 to < 5.5		4.75 to < 5	15.2	15.7	16.2	16.7	17.1	17.4	17.7	18.0	18.3	18.6	18.8	19.0	19.2	19.4
5.5 to < 6	3.5 to < 4	5 to < 5.25	17.0	17.5	18.0	18.5	18.9	19.2	19.5	19.8	20.1	20.4	20.6	20.8	21.0	21.2
6 to < 6.5		5.25 to < 5.5	18.6	19.2	19.7	20.1	20.5	20.9	21.2	21.5	21.8	22.0	22.3	22.5	22.7	22.9
6.5 to < 7	4 to < 4.5	5.5 to < 5.75	20.1	20.7	21.2	21.6	22.0	22.4	22.7	23.0	23.3	23.5	23.7	24.0	24.2	24.4
7 to < 7.5		5.75 to < 6	21.5	22.0	22.5	23.0	23.4	23.7	24.0	24.3	24.6	24.9	25.1	25.3	25.5	25.7
7.5 to < 8	4.5 to < 5	6 to < 6.25	22.7	23.3	23.8	24.2	24.6	25.0	25.3	25.6	25.9	26.1	26.4	26.6	26.8	27.0
8 to < 8.5		6.25 to < 6.5	23.9	24.4	24.9	25.4	25.8	26.1	26.5	26.8	27.0	27.3	27.5	27.7	27.9	28.1
8.5 to < 9	5 to < 5.5	6.5 to < 6.75	25.0	25.5	26.0	26.4	26.8	27.2	27.5	27.8	28.1	28.4	28.6	28.8	29.0	29.2
9 to < 9.5		6.75 to < 7	26.0	26.5	27.0	27.4	27.8	28.2	28.5	28.8	29.1	29.4	29.6	29.8	30.0	30.2
9.5 to < 10	5.5 or More	7 to < 7.25	26.9	27.4	27.9	28.4	28.8	29.1	29.4	29.7	30.0	30.3	30.5	30.7	30.9	31.1
> 10		7.25 or more	27.7	28.3	28.8	29.2	29.6	30.0	30.3	30.6	30.9	31.1	31.4	31.6	31.8	32.0

(NCC climate 6) – HC2A (ii) - Replacement of a pre-existing fixed resistance electric heater

NCC 6	HC2A(ii)	Cooling Stars Old>	3.5 to < 4	4 to < 4.5	4.5 to < 5	5 to < 5.5	5.5 to < 6	6 to < 6.5	6.5 to < 7	7 to < 7.5	7.5 to < 8	8 to < 8.5	8.5 to < 9	9 to < 9.5	9.5 to < 10	≥ 10
		Cooling Stars New >	2.5 to < 3		3 to < 3.5		3.5 to < 4		4 to < 4.5		4.5 to < 5		5 to < 5.5		5.5 or More	
		AEER or TCSPF>	4 to < 4.25	4.25 to < 4.5	4.5 to < 4.75	4.75 to < 5	5 to < 5.25	5.25 to < 5.5	5.5 to < 5.75	5.75 to < 6	6 to < 6.25	6.25 to < 6.5	6.5 to < 6.75	6.75 to < 7	7 to < 7.25	7.25 or more
Heating Stars Old	Heating Stars New	ACOP or HSPF	REPS Credit (GJ)													
3.5 to < 4	2.5 to < 3	4 to < 4.25	127.3	127.8	128.3	128.7	129.1	129.5	129.8	130.1	130.4	130.7	130.9	131.1	131.3	131.5
4 to < 4.5		4.25 to < 4.5	129.8	130.3	130.8	131.2	131.6	132.0	132.3	132.6	132.9	133.2	133.4	133.6	133.8	134.0
4.5 to < 5	3 to < 3.5	4.5 to < 4.75	132.0	132.5	133.0	133.5	133.9	134.2	134.6	134.9	135.1	135.4	135.6	135.8	136.0	136.2
5 to < 5.5		4.75 to < 5	134.0	134.5	135.0	135.5	135.9	136.2	136.6	136.9	137.1	137.4	137.6	137.8	138.0	138.2
5.5 to < 6	3.5 to < 4	5 to < 5.25	135.8	136.4	136.8	137.3	137.7	138.0	138.4	138.7	138.9	139.2	139.4	139.7	139.9	140.0
6 to < 6.5		5.25 to < 5.5	137.4	138.0	138.5	138.9	139.3	139.7	140.0	140.3	140.6	140.8	141.1	141.3	141.5	141.7
6.5 to < 7	4 to < 4.5	5.5 to < 5.75	138.9	139.5	140.0	140.4	140.8	141.2	141.5	141.8	142.1	142.3	142.6	142.8	143.0	143.2
7 to < 7.5		5.75 to < 6	140.3	140.9	141.3	141.8	142.2	142.5	142.9	143.2	143.4	143.7	143.9	144.2	144.4	144.5
7.5 to < 8	4.5 to < 5	6 to < 6.25	141.6	142.1	142.6	143.0	143.4	143.8	144.1	144.4	144.7	145.0	145.2	145.4	145.6	145.8
8 to < 8.5		6.25 to < 6.5	142.7	143.3	143.8	144.2	144.6	145.0	145.3	145.6	145.9	146.1	146.3	146.6	146.8	147.0
8.5 to < 9	5 to < 5.5	6.5 to < 6.75	143.8	144.3	144.8	145.3	145.7	146.0	146.4	146.7	146.9	147.2	147.4	147.6	147.8	148.0
9 to < 9.5		6.75 to < 7	144.8	145.3	145.8	146.3	146.7	147.0	147.3	147.6	147.9	148.2	148.4	148.6	148.8	149.0
9.5 to < 10	5.5 or More	7 to < 7.25	145.7	146.3	146.7	147.2	147.6	147.9	148.3	148.6	148.8	149.1	149.3	149.5	149.8	149.9
> 10		7.25 or more	146.6	147.1	147.6	148.0	148.4	148.8	149.1	149.4	149.7	150.0	150.2	150.4	150.6	150.8

(NCC climate 6) – HC2A (iii) - Installation of a new reverse cycle air-conditioner (non-ducted) without pre-condition

NCC 6	HC2A(iii)	Cooling Stars Old>	3.5 to < 4	4 to < 4.5	4.5 to < 5	5 to < 5.5	5.5 to < 6	6 to < 6.5	6.5 to < 7	7 to < 7.5	7.5 to < 8	8 to < 8.5	8.5 to < 9	9 to < 9.5	9.5 to < 10	≥ 10
		Cooling Stars New >	2.5 to < 3		3 to < 3.5		3.5 to < 4		4 to < 4.5		4.5 to < 5		5 to < 5.5		5.5 or More	
		AEER or TCSPF>	4 to < 4.25	4.25 to < 4.5	4.5 to < 4.75	4.75 to < 5	5 to < 5.25	5.25 to < 5.5	5.5 to < 5.75	5.75 to < 6	6 to < 6.25	6.25 to < 6.5	6.5 to < 6.75	6.75 to < 7	7 to < 7.25	7.25 or more
Heating Stars Old	Heating Stars New	ACOP or HSPF	REPS Credit (GJ)													
3.5 to < 4	2.5 to < 3	4 to < 4.25	6.7	7.3	7.8	8.2	8.6	9.0	9.3	9.6	9.9	10.1	10.4	10.6	10.8	11.0
4 to < 4.5		4.25 to < 4.5	9.3	9.8	10.3	10.7	11.1	11.5	11.8	12.1	12.4	12.6	12.9	13.1	13.3	13.5
4.5 to < 5	3 to < 3.5	4.5 to < 4.75	11.5	12.0	12.5	13.0	13.4	13.7	14.0	14.3	14.6	14.9	15.1	15.3	15.5	15.7
5 to < 5.5		4.75 to < 5	13.5	14.0	14.5	15.0	15.4	15.7	16.1	16.4	16.6	16.9	17.1	17.3	17.5	17.7
5.5 to < 6	3.5 to < 4	5 to < 5.25	15.3	15.8	16.3	16.8	17.2	17.5	17.9	18.2	18.4	18.7	18.9	19.1	19.3	19.5
6 to < 6.5		5.25 to < 5.5	16.9	17.5	18.0	18.4	18.8	19.2	19.5	19.8	20.1	20.3	20.6	20.8	21.0	21.2
6.5 to < 7	4 to < 4.5	5.5 to < 5.75	18.4	19.0	19.5	19.9	20.3	20.7	21.0	21.3	21.6	21.8	22.1	22.3	22.5	22.7
7 to < 7.5		5.75 to < 6	19.8	20.3	20.8	21.3	21.7	22.0	22.4	22.7	22.9	23.2	23.4	23.6	23.8	24.0
7.5 to < 8	4.5 to < 5	6 to < 6.25	21.1	21.6	22.1	22.5	22.9	23.3	23.6	23.9	24.2	24.4	24.7	24.9	25.1	25.3
8 to < 8.5		6.25 to < 6.5	22.2	22.8	23.2	23.7	24.1	24.4	24.8	25.1	25.3	25.6	25.8	26.1	26.3	26.4
8.5 to < 9	5 to < 5.5	6.5 to < 6.75	23.3	23.8	24.3	24.8	25.2	25.5	25.8	26.1	26.4	26.7	26.9	27.1	27.3	27.5
9 to < 9.5		6.75 to < 7	24.3	24.8	25.3	25.7	26.1	26.5	26.8	27.1	27.4	27.7	27.9	28.1	28.3	28.5
9.5 to < 10	5.5 or More	7 to < 7.25	25.2	25.7	26.2	26.7	27.1	27.4	27.8	28.1	28.3	28.6	28.8	29.0	29.2	29.4
> 10		7.25 or more	26.1	26.6	27.1	27.5	27.9	28.3	28.6	28.9	29.2	29.4	29.7	29.9	30.1	30.3

(Other Places in SA) – HC2A (i) - Replacement (early retirement) of a pre-existing air-conditioner

NCC 5	HC2A(i)	Cooling Stars Old>	3.5 to < 4	4 to < 4.5	4.5 to < 5	5 to < 5.5	5.5 to < 6	6 to < 6.5	6.5 to < 7	7 to < 7.5	7.5 to < 8	8 to < 8.5	8.5 to < 9	9 to < 9.5	9.5 to < 10	≥ 10
		Cooling Stars New >	2.5 to < 3		3 to < 3.5		3.5 to < 4		4 to < 4.5		4.5 to < 5		5 to < 5.5		5.5 or More	
		AEER or TCSPF>	4 to < 4.25	4.25 to < 4.5	4.5 to < 4.75	4.75 to < 5	5 to < 5.25	5.25 to < 5.5	5.5 to < 5.75	5.75 to < 6	6 to < 6.25	6.25 to < 6.5	6.5 to < 6.75	6.75 to < 7	7 to < 7.25	7.25 or more
Heating Stars Old	Heating Stars New	ACOP or HSPF	REPS Credit (GJ)													
3.5 to < 4	2.5 to < 3	4 to < 4.25	10.0	11.9	13.5	15.0	16.3	17.5	18.6	19.6	20.5	21.4	22.2	22.9	23.6	24.2
4 to < 4.5		4.25 to < 4.5	11.2	13.1	14.7	16.2	17.5	18.7	19.8	20.8	21.8	22.6	23.4	24.1	24.8	25.4
4.5 to < 5	3 to < 3.5	4.5 to < 4.75	12.3	14.2	15.8	17.3	18.6	19.8	20.9	21.9	22.9	23.7	24.5	25.2	25.9	26.5
5 to < 5.5		4.75 to < 5	13.3	15.2	16.8	18.3	19.6	20.8	21.9	22.9	23.9	24.7	25.5	26.2	26.9	27.5
5.5 to < 6	3.5 to < 4	5 to < 5.25	14.2	16.1	17.7	19.2	20.5	21.7	22.8	23.8	24.7	25.6	26.4	27.1	27.8	28.4
6 to < 6.5		5.25 to < 5.5	15.0	16.9	18.5	20.0	21.3	22.5	23.6	24.6	25.5	26.4	27.2	27.9	28.6	29.2
6.5 to < 7	4 to < 4.5	5.5 to < 5.75	15.8	17.6	19.2	20.7	22.1	23.3	24.4	25.4	26.3	27.1	27.9	28.7	29.3	30.0
7 to < 7.5		5.75 to < 6	16.4	18.3	19.9	21.4	22.7	23.9	25.0	26.0	27.0	27.8	28.6	29.3	30.0	30.6
7.5 to < 8	4.5 to < 5	6 to < 6.25	17.1	18.9	20.5	22.0	23.3	24.5	25.6	26.7	27.6	28.4	29.2	29.9	30.6	31.3
8 to < 8.5		6.25 to < 6.5	17.6	19.5	21.1	22.6	23.9	25.1	26.2	27.2	28.1	29.0	29.8	30.5	31.2	31.8
8.5 to < 9	5 to < 5.5	6.5 to < 6.75	18.2	20.0	21.6	23.1	24.4	25.6	26.7	27.8	28.7	29.5	30.3	31.0	31.7	32.3
9 to < 9.5		6.75 to < 7	18.6	20.5	22.1	23.6	24.9	26.1	27.2	28.2	29.2	30.0	30.8	31.5	32.2	32.8
9.5 to < 10	5.5 or More	7 to < 7.25	19.1	20.9	22.6	24.1	25.4	26.6	27.7	28.7	29.6	30.5	31.3	32.0	32.7	33.3
> 10		7.25 or more	19.5	21.4	23.0	24.5	25.8	27.0	28.1	29.1	30.0	30.9	31.7	32.4	33.1	33.7

(Other Places in SA) – HC2A (ii) - Replacement of a pre-existing fixed resistance electric heater

NCC 5	HC2A(ii)	Cooling Stars Old>	3.5 to < 4	4 to < 4.5	4.5 to < 5	5 to < 5.5	5.5 to < 6	6 to < 6.5	6.5 to < 7	7 to < 7.5	7.5 to < 8	8 to < 8.5	8.5 to < 9	9 to < 9.5	9.5 to < 10	≥ 10
		Cooling Stars New >	2.5 to < 3		3 to < 3.5		3.5 to < 4		4 to < 4.5		4.5 to < 5		5 to < 5.5		5.5 or More	
		AEER or TCSPF>	4 to < 4.25	4.25 to < 4.5	4.5 to < 4.75	4.75 to < 5	5 to < 5.25	5.25 to < 5.5	5.5 to < 5.75	5.75 to < 6	6 to < 6.25	6.25 to < 6.5	6.5 to < 6.75	6.75 to < 7	7 to < 7.25	7.25 or more
Heating Stars Old	Heating Stars New	ACOP or HSPF	REPS Credit (GJ)													
3.5 to < 4	2.5 to < 3	4 to < 4.25	35.2	37.1	38.7	40.2	41.5	42.7	43.8	44.8	45.7	46.6	47.4	48.1	48.8	49.4
4 to < 4.5		4.25 to < 4.5	36.4	38.3	39.9	41.4	42.7	43.9	45.0	46.0	47.0	47.8	48.6	49.3	50.0	50.6
4.5 to < 5	3 to < 3.5	4.5 to < 4.75	37.5	39.4	41.0	42.5	43.8	45.0	46.1	47.1	48.1	48.9	49.7	50.4	51.1	51.7
5 to < 5.5		4.75 to < 5	38.5	40.4	42.0	43.5	44.8	46.0	47.1	48.1	49.1	49.9	50.7	51.4	52.1	52.7
5.5 to < 6	3.5 to < 4	5 to < 5.25	39.4	41.3	42.9	44.4	45.7	46.9	48.0	49.0	49.9	50.8	51.6	52.3	53.0	53.6
6 to < 6.5		5.25 to < 5.5	40.2	42.1	43.7	45.2	46.5	47.7	48.8	49.8	50.7	51.6	52.4	53.1	53.8	54.4
6.5 to < 7	4 to < 4.5	5.5 to < 5.75	41.0	42.8	44.4	45.9	47.3	48.5	49.6	50.6	51.5	52.3	53.1	53.9	54.5	55.2
7 to < 7.5		5.75 to < 6	41.6	43.5	45.1	46.6	47.9	49.1	50.2	51.2	52.2	53.0	53.8	54.5	55.2	55.8
7.5 to < 8	4.5 to < 5	6 to < 6.25	42.3	44.1	45.7	47.2	48.5	49.7	50.8	51.9	52.8	53.6	54.4	55.1	55.8	56.5
8 to < 8.5		6.25 to < 6.5	42.8	44.7	46.3	47.8	49.1	50.3	51.4	52.4	53.3	54.2	55.0	55.7	56.4	57.0
8.5 to < 9	5 to < 5.5	6.5 to < 6.75	43.4	45.2	46.8	48.3	49.6	50.8	51.9	52.9	53.9	54.7	55.5	56.2	56.9	57.5
9 to < 9.5		6.75 to < 7	43.8	45.7	47.3	48.8	50.1	51.3	52.4	53.4	54.4	55.2	56.0	56.7	57.4	58.0
9.5 to < 10	5.5 or More	7 to < 7.25	44.3	46.1	47.8	49.3	50.6	51.8	52.9	53.9	54.8	55.7	56.5	57.2	57.9	58.5
> 10		7.25 or more	44.7	46.6	48.2	49.7	51.0	52.2	53.3	54.3	55.2	56.1	56.9	57.6	58.3	58.9

(Other Places in SA) – HC2A (iii) - Installation of a new reverse cycle air-conditioner (non-ducted) without pre-condition

NCC 5	HC2A(iii)	Cooling Stars Old>	3.5 to < 4	4 to < 4.5	4.5 to < 5	5 to < 5.5	5.5 to < 6	6 to < 6.5	6.5 to < 7	7 to < 7.5	7.5 to < 8	8 to < 8.5	8.5 to < 9	9 to < 9.5	9.5 to < 10	≥ 10
		Cooling Stars New >	2.5 to < 3		3 to < 3.5		3.5 to < 4		4 to < 4.5		4.5 to < 5		5 to < 5.5		5.5 or More	
		AEER or TCSPF>	4 to < 4.25	4.25 to < 4.5	4.5 to < 4.75	4.75 to < 5	5 to < 5.25	5.25 to < 5.5	5.5 to < 5.75	5.75 to < 6	6 to < 6.25	6.25 to < 6.5	6.5 to < 6.75	6.75 to < 7	7 to < 7.25	7.25 or more
Heating Stars Old	Heating Stars New	ACOP or HSPF	REPS Credit (GJ)													
3.5 to < 4	2.5 to < 3	4 to < 4.25	8.2	10.1	11.7	13.2	14.5	15.7	16.8	17.8	18.7	19.6	20.4	21.1	21.8	22.4
4 to < 4.5		4.25 to < 4.5	9.5	11.3	12.9	14.4	15.7	17.0	18.1	19.1	20.0	20.8	21.6	22.3	23.0	23.7
4.5 to < 5	3 to < 3.5	4.5 to < 4.75	10.6	12.4	14.0	15.5	16.8	18.1	19.2	20.2	21.1	21.9	22.7	23.4	24.1	24.8
5 to < 5.5		4.75 to < 5	11.5	13.4	15.0	16.5	17.8	19.0	20.1	21.1	22.1	22.9	23.7	24.4	25.1	25.7
5.5 to < 6	3.5 to < 4	5 to < 5.25	12.4	14.3	15.9	17.4	18.7	19.9	21.0	22.0	23.0	23.8	24.6	25.3	26.0	26.6
6 to < 6.5		5.25 to < 5.5	13.2	15.1	16.7	18.2	19.5	20.7	21.8	22.8	23.8	24.6	25.4	26.1	26.8	27.4
6.5 to < 7	4 to < 4.5	5.5 to < 5.75	14.0	15.8	17.5	18.9	20.3	21.5	22.6	23.6	24.5	25.4	26.1	26.9	27.5	28.2
7 to < 7.5		5.75 to < 6	14.7	16.5	18.1	19.6	20.9	22.1	23.2	24.3	25.2	26.0	26.8	27.5	28.2	28.9
7.5 to < 8	4.5 to < 5	6 to < 6.25	15.3	17.1	18.8	20.2	21.6	22.8	23.9	24.9	25.8	26.6	27.4	28.2	28.8	29.5
8 to < 8.5		6.25 to < 6.5	15.8	17.7	19.3	20.8	22.1	23.3	24.4	25.4	26.4	27.2	28.0	28.7	29.4	30.0
8.5 to < 9	5 to < 5.5	6.5 to < 6.75	16.4	18.2	19.9	21.3	22.7	23.9	25.0	26.0	26.9	27.7	28.5	29.3	29.9	30.6
9 to < 9.5		6.75 to < 7	16.9	18.7	20.3	21.8	23.1	24.4	25.4	26.5	27.4	28.2	29.0	29.7	30.4	31.1
9.5 to < 10	5.5 or More	7 to < 7.25	17.3	19.2	20.8	22.3	23.6	24.8	25.9	26.9	27.8	28.7	29.5	30.2	30.9	31.5
> 10		7.25 or more	17.7	19.6	21.2	22.7	24.0	25.2	26.3	27.3	28.3	29.1	29.9	30.6	31.3	31.9

ACTIVITY HC2A – REPS TRANSITION FACTORS

Year of Installation	REPS Transition Factors			
	HC2A(i)	HC2A(ii)	HC2A(iii)	
			Priority group household	Non-Priority group
2026	4	1	4	1

7. GUIDANCE NOTES (INFORMATIVE ONLY – NOT MANDATORY)

Persons installing heating/cooling systems should have regard to the "Air Conditioning Residential Best Practice Guideline" (2003) published by the Australian Institute of Refrigeration, Air Conditioning and Heating (AIRAH). All reasonable endeavours should be used to recycle removed systems.

Refrigerants and any other scheduled substances must be disposed of in accordance with the Australian and New Zealand refrigerant handling code of practice as established under the *Ozone Protection and Synthetic Greenhouse Gas Management Act 1989* (Cth).

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.

A reference to a standard, code or legislative instrument is a reference to the version of the standard, code or legislative instrument in force at the time the activity is undertaken, including as amended or replaced.