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No. S 559

ENERGY CONSERVATION ACT
(CHAPTER 92C)

ENERGY CONSERVATION
(ENERGY LABELLING AND MINIMUM PERFORMANCE STANDARDS FOR REGISTRABLE GOODS)
(AMENDMENT NO. 2) REGULATIONS 2014

In exercise of the powers conferred by section 78 of the Energy Conservation Act, the Minister for the Environment and Water Resources hereby makes the following Regulations:

Citation and commencement

1. These Regulations may be cited as the Energy Conservation (Energy Labelling and Minimum Performance Standards for Registrable Goods) (Amendment No. 2) Regulations 2014 and shall come into operation on 1 September 2014.

Amendment of First Schedule

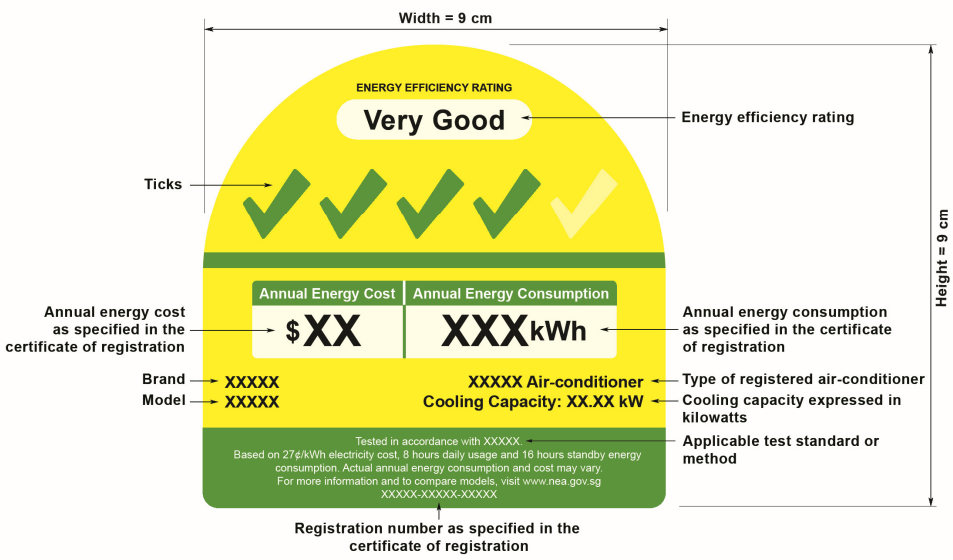
2. The First Schedule to the Energy Conservation (Energy Labelling and Minimum Performance Standards for Registrable Goods) Regulations 2013 (G.N. No. S 557/2013) is amended —

(*a*) by deleting paragraphs 2 and 3 and substituting the following paragraphs:

"2. The dimensions, shape, colour and text of the Energy Labels required by these Regulations shall be as follows:

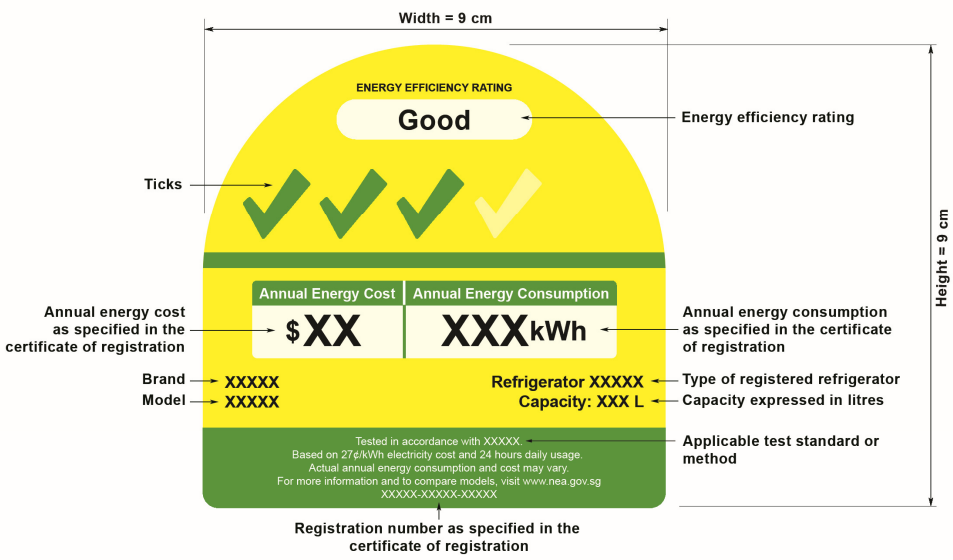
Label 1

ENERGY LABEL FOR AIR-CONDITIONERS



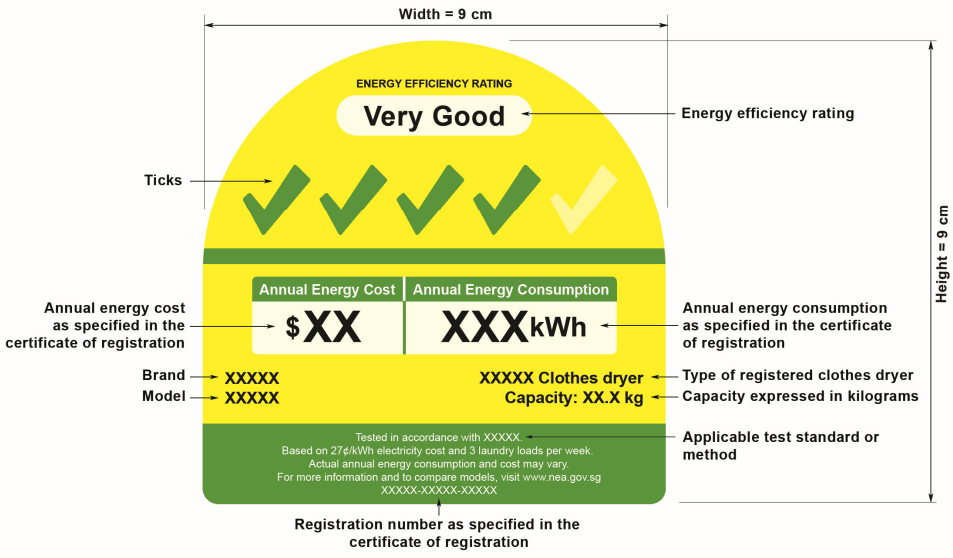
Label 2

ENERGY LABEL FOR REFRIGERATORS



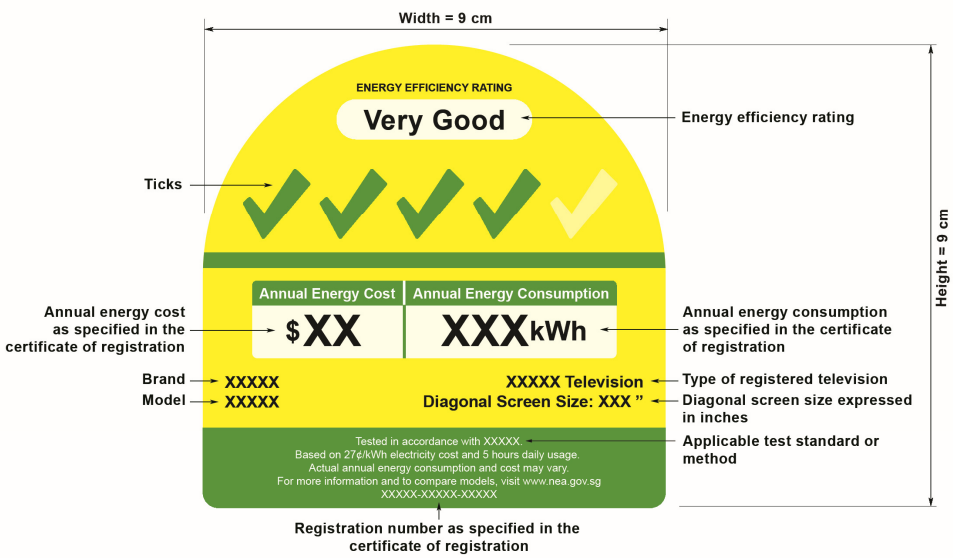
Label 3

ENERGY LABEL FOR CLOTHES DRYERS



Label 4

ENERGY LABEL FOR TELEVISIONS



3. The number of ticks and energy efficiency rating to be shown on the Energy Label for air-conditioners, refrigerators, clothes dryers and televisions shall be determined as follows:

(*a*) for casement and window type air-conditioners —

Ticks	*Energy efficiency rating*	*Coefficient of Performance (COP) and standby power range*
1	Low	2.90 ≤ COP < 3.78
2	Fair	3.78 ≤ COP < 4.29
3	Good	4.29 ≤ COP < 4.86
4	Very Good	COP ≥ 4.86
5	Excellent	COP ≥ 5.50 and standby power ≤ 4

(*b*) for split type (non-inverter) air-conditioners with one indoor unit —

(i) cooling capacity less than 10kW:

Ticks	*Energy efficiency rating*	*Coefficient of Performance (COP) and standby power range*
1	Low	3.34 ≤ COP < 3.78
2	Fair	3.78 ≤ COP < 4.29
3	Good	4.29 ≤ COP < 4.86
4	Very Good	COP ≥ 4.86
5	Excellent	COP ≥ 5.50 and standby power ≤ 4

(ii) cooling capacity equal to or more than 10kW:

Ticks	*Energy efficiency rating*	*Coefficient of Performance (COP) and standby power range*
1	Low	2.78 ≤ COP < 3.78
2	Fair	3.78 ≤ COP < 4.29
3	Good	4.29 ≤ COP < 4.86
4	Very Good	COP ≥ 4.86
5	Excellent	COP ≥ 5.50 and standby power ≤ 4

(*c*) for split type (non-inverter) air-conditioners with more than one indoor unit —

(i) cooling capacity less than 10kW:

Ticks	*Energy efficiency rating*	*Coefficient of Performance (COP) and standby power range*
1	Low	3.34 ≤ COP < 3.78
2	Fair	3.78 ≤ COP < 4.29
3	Good	4.29 ≤ COP < 4.86
4	Very Good	COP ≥ 4.86
5	Excellent	COP ≥ 5.50 and standby power ≤ 9 × N

(ii) cooling capacity equal to or more than 10kW:

Ticks	*Energy efficiency rating*	*Coefficient of Performance (COP) and standby power range*
1	Low	2.64 ≤ COP < 3.78
2	Fair	3.78 ≤ COP < 4.29
3	Good	4.29 ≤ COP < 4.86
4	Very Good	COP ≥ 4.86
5	Excellent	COP ≥ 5.50 and standby power ≤ 9 × N

(*d*) for split type (*inverter*) air-conditioners with one indoor unit —

(i) cooling capacity less than 10kW:

Ticks	*Energy efficiency rating*	*Coefficient of Performance (COP) and standby power range*
1	Low	Weighted COP ≥ 3.34 and COP ≥ 3.06
2	Fair	Weighted COP ≥ 3.78 and COP ≥ 3.34
3	Good	Weighted COP ≥ 4.29 and COP ≥ 3.78
4	Very Good	Weighted COP ≥ 4.86 and COP ≥ 4.29
5	Excellent	Weighted COP ≥ 5.50, COP ≥ 4.86 and standby power ≤ 4