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**ENERGY CONSERVATION ACT
(CHAPTER 92C)**

**ENERGY CONSERVATION
(REGULATED GOODS AND REGISTERED SUPPLIERS)
(AMENDMENT) REGULATIONS 2021**

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

Citation and commencement

1. These Regulations are the Energy Conservation (Regulated Goods and Registered Suppliers) (Amendment) Regulations 2021 and come into operation on 1 April 2021.

Amendment of First Schedule

2. The First Schedule to the Energy Conservation (Regulated Goods and Registered Suppliers) Regulations 2017 (G.N. No. S 748/2017) is amended —

(a) by inserting, immediately after the definition of “IEEE” in paragraph 1, the following definition:

““Integrated Energy Efficiency Ratio” or “IEER” means the number determined in accordance with the following formula:

$$(0.020 \times A) + (0.617 \times B) + (0.238 \times C) + (0.125 \times D),$$

where —

- (a) A is COP at full load cooling capacity;
- (b) B is COP at 75% part load cooling capacity;
- (c) C is COP at 50% part load cooling capacity; and
- (d) D is COP at 25% part load cooling capacity;”;

- (b) by inserting, immediately after the definition of “standby power” in paragraph 1, the following definition:

““three-phase variable refrigerant flow (VRF) air-conditioner” has the meaning given by Part 2 of the First Schedule to the Energy Conservation (Prescribed Regulated Goods) Order 2017;”;

- (c) by inserting, immediately after item 5 of paragraph 2, the following item:

“5A. Three-phase variable refrigerant flow (VRF) air-conditioner IEER ≥ 4.35 ”;

- (d) by inserting, immediately after sub-paragraph (e) of paragraph 3, the following sub-paragraph:

“(ea) for three-phase variable refrigerant flow (VRF) air-conditioners —

<i>Ticks</i>	<i>Energy efficiency rating</i>	<i>Integrated Energy Efficiency Ratio (IEER)</i>
1	Low	$4.80 > \text{IEER} \geq 4.35$
2	Fair	$5.25 > \text{IEER} \geq 4.80$
3	Good	$5.70 > \text{IEER} \geq 5.25$
4	Very Good	$6.15 > \text{IEER} \geq 5.70$
5	Excellent	$\text{IEER} \geq 6.15$

”;

- (e) by inserting, immediately after the word “air-conditioners” in paragraph 4(a), the words “(other than three-phase variable refrigerant flow (VRF) air-conditioners)”;
- (f) by inserting, immediately after sub-paragraph (a) of paragraph 4, the following sub-paragraph: