

**根據強制性能源效益標籤計劃(強制性標籤計劃)進行的能源表現監察測試結果 (冷凍器具) - 2019年**  
**Results of Compliance Monitoring Tests on Energy Performance under Mandatory Energy Efficiency Labelling Scheme (MEELS)**  
**(Refrigerating Appliances) - Year 2019**

項目 No.	品牌 Brand	型號 Model Name	獲機電工程署編配參考編號 EMSD Assigned Reference Number	強制性標籤計劃下的能源效益級別 Energy Efficiency Grade under MEELS	額定保鮮格容積(公升) Rated Fresh Food Volume (litre)	額定冰格容積(公升) Rated Frozen Food Volume (litre)	額定耗電量 (每日千瓦小時) <sup>註2</sup> Rated Energy Consumption (kWh/24hrs) <sup>Note 2</sup>	測試出的保鮮格容積(公升) <sup>註2</sup> Measured Fresh Food Volume (litre) <sup>Note 2</sup>	測試出的冰格容積(公升) <sup>註2</sup> Measured Frozen Food Volume (litre) <sup>Note 2</sup>	測試出的耗電量 (每日千瓦小時) <sup>註2</sup> Measured Energy Consumption (kWh/24hrs) <sup>Note 2</sup>	是否符合強制性標籤計劃的要求? <sup>註1</sup> Conformance with MEELS Requirements? <sup>Note 1</sup>	備註 Remark
測試結果發放日期: 2019年12月 Test Results Release Date: December 2019												
1	西門子 Siemens	KU15RA65HK	U1-R150103	1	141.0	--	0.252	137.7	--	0.235	是 Yes	
2	三星 Samsung	RT32K5035	U1-R160042	1	249.0	72.0	0.638	249.8	72.4	0.630	是 Yes	
3	GAGGENAU	RF200202	U1-R170006	2	--	98.0	0.504	--	98.3	0.440	是 Yes	
4	Panasonic	SCR-S46(EX)-BF	U1-R170040	5	--	43.0	1.550	--	42.6	0.789	是 Yes	註3 Note 3
5	Bauknecht	KDI 1121/A+ HK	U1-R170110	3	134.0	42.0	0.600	133.5	40.9	0.658	是 Yes	
6	gorenje	FNI5182A1	U1-R180034	2	--	212.0	0.710	--	211.1	0.650	是 Yes	
7	De Dietrich	DRS1124J	U1-R180076	2	182.0	17.0	0.571	182.5	16.8	0.538	是 Yes	

註: 1. 如冷凍器具某表列型號的單一標本的測試結果符合以下標準(產品能源標籤實務守則2018(守則)第 8.10 段), 則該表列型號會獲接納為符合有關規定:

- 按指明人士向機電工程署呈交的測試報告內的測試標準, 貯存室所測試出的溫度符合守則表8.2的規定;
- 每個貯存室所測試出的容積不較其額定容積少3%以上或1公升以上(以較大者為準)。如使用者可相對地調校冷卻室及新鮮食物貯存室的容積, 則上述規定會在把冷卻室的容積調校至其最小容積的情況下適用;
- 所測試出的耗電量(每日千瓦小時)不較額定耗電量高15%以上;
- (這項測試只適用於食物冷凍櫃或設有食物冷凍室的冷凍器具) 所測試出的冷凍能力符合在24小時內把每100公升容積放置不少於4.5公斤測試包裹及在任何情況下最少2.0公斤測試包裹冷凍的規定。所測試出的冷凍能力不得較額定冷凍能力低15%以上。食物冷凍櫃必須有一個或多個適合把食品由環境溫度冷凍至攝氏零下18度, 及適合在三星級貯存狀況下貯存冷凍食物的貯存室; 及
- 所測試出的能源效益級別符合以下其中一項:
  - 在監察測試中所計算出的能源效益級別, 相等於或較佳於指明人士向機電工程署呈交的測試結果所釐定的能源效益級別或較該級別為佳; 或
  - 在監察測試中所計算出的能源效益級別, 不等於或較差於指明人士向機電工程署呈交的測試結果所釐定的能源效益級別或較該級別為差, 則在監察測試中所計算出的能源效益指數, 不得高於向機電工程署呈交的測試結果所計算出的能源效益指數的115%, 並在任何情況下不得高於下一個較低能源效益級別所允許的最高能源消耗指數。

2. 表列的數值經四捨五入方式顯示。

3. 該型號在首次測試未能符合要求後, 在進一步的測試中所得的測試結果。

Note: 1. A listed model of refrigerating appliance will be accepted as conformance if the test results of a single sample of the listed model meet the following criteria (clause 8.10 of the Code of Practice on Energy Labelling of Products 2018 (the Code)):

- The tested storage temperatures of the compartments complying with the requirements of Tables 8.2 of the Code, using the testing standard specified in the test report submitted to the EMSD by the specified person;
- The tested storage volume for each of the compartments being not less than the rated storage volume by more than 3% or 1 litre, whichever is the greater value. Where the volumes of the cellar compartment and fresh food storage compartment are adjustable relative to one another by the user, this requirement applies when the cellar compartment is adjusted to its minimum

volume;

- (c) The tested energy consumption (kWh/24h) being not greater than the rated energy consumption by more than 15%;
- (d) (For only food freezer or refrigerating appliance having food freezer compartment) The tested freezing capacity meeting the requirements of at least 4.5 kg of test packages per 100-litre of its storage volume in 24-hour, and in no case less than 2 kg. The tested freezing capacity being not less than the rated freezing capacity by more than 15% of the latter. For food freezer, it having one or more compartments suitable for freezing foodstuffs from ambient temperature down to a temperature of  $-18^{\circ}\text{C}$  and which being also suitable for the storage of frozen food under three-star storage conditions; and
- (e) The tested energy efficiency grade meeting either one of the following:
  - (i) The energy efficiency grade calculated in the compliance monitoring testing being equal to or better than the energy efficiency grade determined by the test results submitted to the EMSD by the specified person; or
  - (ii) If the energy efficiency grade calculated in the compliance monitoring testing being not equal to nor better than the energy efficiency grade determined by the test results submitted to the EMSD, the tested energy consumption index calculated in the compliance monitoring testing being not greater than 115% of the measured energy consumption index calculated by the test results submitted to the EMSD, and in any cases not greater than the highest energy consumption index allowed in the next lower energy efficiency grade.

2. All values are rounded figures.

3. Results of further testing conducted after failure of the product to pass the first test.