

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(空調機) - 2019年

**Results of Compliance Monitoring Tests on Energy Performance under Mandatory Energy Efficiency Labelling Scheme (MEELS)
(Room Air Conditioners) - 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 | 額定制冷量(千 瓦) ^{註2} Rated Cooling Capacity (kW) Note 2 | 額定功率消耗量(額 定瓦數)(千瓦) ^{註2} Rated Power Consumption (Rated Wattage) (kW) Note 2 | 測試出的製冷 量(千瓦) ^{註2} Measured Cooling Capacity (kW) Note 2 | 測試出的功率消耗量 (測試出的瓦數) (千瓦) ^{註2} Measured Power Consumption (Measured Wattage) (kW) Note 2 | 是否符合強制性標 籤計劃的要求? ^{註1} Conformance with MEELS Requirements? Note 1 | 備註 Remark |
|--|--------------------------|-----------------------|--|---|---|---|---|---|---|--------------|
| 測試結果發放日期: 2019年12月 Test Results Release Date: December 2019 | | | | | | | | | | |
| 1 | 富士電機 Fuji Electric | RSG18JFCB / ROG18JFCB | U1-C150310 | 1 | 5.20 | 1.60 | 5.72 | 1.63 | 是 Yes | |
| 2 | 冰點 BING DIAN | FWV-22CR1 | U1-C160120 | 1 | 2.20 | 0.70 | 1.98 | 0.68 | 是 Yes | |
| 3 | 惠而浦 Whirlpool | ASA09000R | U1-C160139 | 2 | 2.78 | 0.77 | 2.79 | 0.75 | 是 Yes | |
| 4 | 美的 Midea | MWH-09CM3X1 | U1-C170270 | 1 | 2.58 | 0.85 | 2.49 | 0.82 | 是 Yes | |
| 5 | 美的 Midea | MWH-12CM3X1 | U1-C170274 | 1 | 3.52 | 1.15 | 3.52 | 1.12 | 是 Yes | |
| 6 | 開利 Carrier | CHK07LNE | U1-C170276 | 1 | 2.11 | 0.70 | 2.20 | 0.71 | 是 Yes | |
| 7 | 伊萊克斯 Electrolux | EWN09CMC-D5 | U1-C180037 | 1 | 2.64 | 0.88 | 2.47 | 0.88 | 是 Yes | |
| 8 | 格力 GREE | GISF912AE / GISF912AC | U1-C180142 | 1 | 3.52 | 1.15 | 3.60 | 1.16 | 是 Yes | |
| 9 | 東芝 TOSHIBA | RAC-H12FR | U1-C190016 | 1 | 3.52 | 1.15 | 3.53 | 1.11 | 是 Yes | |
| 10 | 日立牌 HITACHI | RA-18QDF | U1-C190065 | 1 | 5.25 | 1.78 | 5.13 | 1.81 | 是 Yes | |
| 11 | 樂信牌 Rasonic | RC-N719J | U1-C190066 | 1 | 2.17 | 0.71 | 2.17 | 0.73 | 是 Yes | |
| 12 | 三菱重工 Mitsubishi Heavy | WRK20MB2 | U1-C190077 | 1 | 2.11 | 0.70 | 2.14 | 0.72 | 是 Yes | |

註: 1. 如空調機某表列型號的單一樣本的測試結果符合以下標準(產品能源標籤實務守則2018第7.11段), 則該表列型號會獲接納為符合有關規定:

- (a) 在標準製冷條件下進行最大輸出測試所測試出的製冷量, 不低於其額定制冷量的90%;
- (b) 在標準製冷條件下進行最大輸出測試所測試出的功率消耗量, 不高於其額定功率消耗量的110%;
- (c) 計算出的製冷季節性表現系數不得低於其額定制冷季節性表現系數的92%;
- (d) 附有第1、2、3或4級能源標籤的淨製冷型及逆轉循環型空調機已通過最大製冷表現測試; 及
- (e) 所測試出的能源效益級別符合以下其中一項規定:
 - (i) 在監察測試中所計算出的製冷能源效益級別, 相等於指明人士向機電工程署呈交的測試結果所釐定的製冷能源效益級別或較該級別為佳; 或
 - (ii) 在監察測試中所計算出的製冷能源效益級別, 如不等於向機電工程署呈交的測試結果所釐定的製冷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製冷季節性表現系數, 不得低於向機電工程署呈交的測試結果所計算出的製冷季節性表現系數的92%, 並在任何情況下都不低於下一個較低製冷能源效益級別所允許的最低製冷季節性表現系數。
(註: 製冷季節性表現系數用作釐定產品能源效益級別, 如欲了解詳細的計算方法, 可參閱產品能源標籤實務守則2018第 7.6 段。)

2. 表列的數值經四捨五入方式顯示。

Note: 1. A listed model of room air conditioner will be accepted as conformance if the test results of a single sample of the listed model meet the following criteria (clause 7.11 of the Code of Practice on Energy Labelling of Products 2018):

- (a) The tested cooling capacity from cooling full capacity test at standard cooling condition being not less than 90% of the rated cooling capacity;
- (b) The tested power consumption from cooling full capacity test at standard cooling condition being not greater than 110% of the rated power consumption;
- (c) The calculated cooling seasonal performance factor being not less than 92% of the rated cooling seasonal performance factor;
- (d) The cooling only type and reverse cycle type room air conditioner (with a Grade 1, 2, 3 or 4 energy label) passing the maximum cooling performance test; and
- (e) The tested energy efficiency grade meeting either one of the following:

- (i) The cooling energy efficiency grade calculated in the compliance monitoring testing being equal to or better than the cooling energy efficiency grade determined by the test results submitted to the EMSD by the specified person; or
- (ii) If the cooling energy efficiency grade calculated in the compliance monitoring testing being not equal to nor better than the cooling energy efficiency grade determined by the test results submitted to the EMSD, the cooling seasonal performance factor calculated in the compliance monitoring testing being not less than 92% of the cooling seasonal performance factor calculated by the test results submitted to the EMSD, and in any cases not less than the lowest cooling seasonal performance factor allowed in the next lower cooling energy efficiency grade.

(Remark: Cooling seasonal performance factor is used to determine the energy efficiency grade of a product. Please refer to clause 7.6 of the Code of Practice on Energy Labelling of Products 2018 for details of calculation method.)

2. All values are rounded figures.