



**The Hong Kong University of Science and Technology -
Department of Mechanical and Aerospace Engineering -
Jockey Club Controlled Environment Test Facility**

香港科技大學 - 機械及航空航天工程學系 - 賽馬會環境控制測試實驗所

ADDRESS : Room 1213, The Hong Kong University of Science and Technology
地址 Clear Water Bay, Kowloon, Hong Kong
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CLIENTELE : Public
服務對象 公眾



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ACCREDITED TEST : Electrical and Electronic Products 電氣及電子產品
CATEGORY
認可測試類別

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| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|--|
| ITEM TESTED OR MEASURED 測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術 |
| Non-ducted air-conditioner with a rated cooling capacity not exceeding 10 kW | Product performance tests :- - Capacity and performance tests using air-enthalpy method : - Cooling tests for test condition "T1" - Cooling capacity test - Maximum cooling performance test - Minimum cooling, freeze-up air blockage and freeze-up drip performance tests - Freeze-up drip performance test - Condensate control and enclosure sweat performance test - Heating tests for temperature condition "H1" - Heating capacity test - Maximum heating performance test - Marking provisions | ISO 5151: 2010 Cl. 5 Cl. 6 Cl. 9 |
| Non-ducted air-conditioner with a rated cooling capacity not exceeding 7.5 kW | - Capacity and performance tests using air-enthalpy method : - Cooling capacity test - Maximum cooling performance test | Code of Practice on Energy Labelling of Products 2014 issued by EMSD Cl. 7 in conjunction with ISO 5151: 2010 and ISO 16358-1: 2013 |
| Non-ducted air conditioner - ceiling-mounted type or floor standing type with a cooling capacity not exceeding 10 kW - other types with a cooling capacity larger than 7.5 kW but not exceeding 10 kW | - Capacity and performance tests using air-enthalpy method : - Cooling capacity test - Maximum cooling performance test | The Hong Kong Voluntary Energy Efficiency Labelling Scheme for Room Coolers July 2016 issued by EMSD Cl. 6 in conjunction with ISO 5151: 2010 and ISO 16358-1: 2013 |

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| Household refrigerating appliance | Product performance tests :- (cont'd) - Performance tests: - Measurement of storage volume of compartments - Measurement of storage temperatures of compartments - Energy consumption test - Temperature rise test - Freezing test (for food freezer or refrigerating appliance having food freezing compartment) - Rated characteristics and control procedure | IEC 62552: 2007 ISO 15502: 2005 + Corr. 1: 2007 Cl. 7 Cl. 13 Cl. 15 Cl. 16 Cl. 17 Annex E |
| Household refrigerating appliance with a rated total storage volume not exceeding 500 litres | - Performance tests: - Measurement of storage volume of compartments - Measurement of storage temperatures of compartments - Energy consumption test - Freezing test (for food freezer or refrigerating appliance having food freezing compartment) | Code of Practice on Energy Labelling of Products 2014 issued by EMSD, Cl. 8 in conjunction with IEC 62552: 2007 |
| Household refrigerating appliance with a rated total storage volume exceeding 500 litres | - Performance tests: - Measurement of storage volume of compartments - Measurement of storage temperatures of compartments - Energy consumption test - Temperature rise test - Freezing test (for food freezer or refrigerating appliance having food freezing compartment) - Ice-making test | The Hong Kong Voluntary Energy Efficiency Labelling Scheme for Household Refrigeration Appliances July 2016 issued by EMSD Cl. 6 in conjunction with IEC 62552: 2007 |

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| Dehumidifier with rated dehumidifying capacity not exceeding 35 litres per day | Product performance tests :- (cont'd) - Performance tests : - Dehumidifying capacity test - Maximum operating conditions test | Code of Practice on Energy Labelling of Products 2014 issued by EMSD Cl. 11 in conjunction with ANSI/AHAM DH-1-2008 |
| Dehumidifier with rated dehumidifying capacity above 35 litres per day but not exceeding 87 litres per day | - Performance tests : - Dehumidifying capacity test - Maximum operating conditions test | The Hong Kong Voluntary Energy Efficiency Labelling Scheme for Dehumidifiers Jan 2017 issued by EMSD Cl. 6 in conjunction with ANSI/AHAM DH-1-2008 |