



**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

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CLIENTELE : Public
服務對象 公眾

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

SCOPE OF ACCREDITATION : Accredited activities are shown on the following pages 認可項目詳見後頁
認可範圍

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| TEST CATEGORY 測試類別 | ITEM, MATERIAL OR PRODUCT TESTED 測試項目、材料或產品 | 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 |
|---|---|---|---|
| ELECTRICAL AND ELECTRONIC PRODUCTS 電氣及電子產品 | Non-ducted air-conditioners 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' and: 'T2' - Cooling capacity ratings - Maximum cooling test - Minimum cooling test - Enclosure sweat and condensate disposal test - Freeze-up test - Marking provision - Capacity and performance tests using air-enthalpy method : - Cooling tests for test condition 'T1' and: 'T2' - 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: 1994 Cl. 4 Cl. 8 ISO 5151: 2010 Cl. 5 Cl. 6 Cl. 9 |

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|---|--|--|---|
| ELECTRICAL AND ELECTRONIC PRODUCTS (cont'd) 電氣及電子產品 (續上) | <p>Non-ducted air-conditioners with a rated cooling capacity not exceeding 7.5 kW</p> <p>Non-ducted air conditioner with a rated cooling capacity not exceeding 7.5 kW</p> <p>Non-ducted air conditioner - ceiling-mounted type or floor standing type with a cooling capacity not exceeding 10 kW</p> <p>- other types with a cooling capacity larger than 7.5 kW but not exceeding 10 kW</p> | <p>Product performance tests :-</p> <p>- Capacity and performance tests using air-enthalpy method : - Cooling capacity test - Maximum cooling test</p> <p>- Capacity and performance tests using air-enthalpy method : - Cooling capacity test - Maximum cooling performance test</p> <p>- Capacity and performance tests using air-enthalpy method : - Cooling capacity test - Maximum cooling performance test - Condensate control and enclosure sweat performance test - Measurement of energy consumption</p> | <p>Code of Practice on Energy Labelling of Products 2010 issued by EMSD, Cl. 7 in conjunction with ISO 5151: 1994</p> <p>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</p> <p>The Hong Kong Voluntary Energy Efficiency Labelling Scheme for Room Coolers May 2012 issued by EMSD Cl. 7; Annex 1 in conjunction with ISO 5151: 2010</p> |

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|---|---|---|--|
| ELECTRICAL AND ELECTRONIC PRODUCTS (cont'd) 電氣及電子產品 (續上) | Household frost-free refrigerating appliances | 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) | ISO 8561: 1995 + A1 Cl. 6 Cl. 13 Cl. 15 Cl. 16 Cl. 17 |
| | Household refrigerating appliances | - 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 |

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|---|---|---|--|
| ELECTRICAL AND ELECTRONIC PRODUCTS (cont'd) 電氣及電子產品 (續上) | <p>Dehumidifiers with rated dehumidifying capacity not exceeding 35 litres per day</p> <p>Dehumidifiers with rated dehumidifying capacity not exceeding 35 litres per day</p> <p>Dehumidifiers with rated dehumidifying capacity above 35 litres per day but not exceeding 87 litres per day</p> <p>Dehumidifiers with rated dehumidifying capacity above 35 litres per day but not exceeding 87 litres per day</p> | <p>Product performance tests :- (cont'd)</p> <p>Performance tests and requirements : - Dehumidifying capacity test - Maximum operating conditions test</p> <p>Performance tests : - Dehumidifying capacity test - Maximum operating conditions test</p> <p>- Performance tests : - Dehumidifying capacity test - Dehumidifying performance test - Maximum operating conditions test - Low temperature test</p> <p>- Performance tests : - Dehumidifying capacity test - Dehumidifying performance test - Maximum operating conditions test - Low temperature test</p> | <p>Code of Practice on Energy Labelling of Products 2010 issued by EMSD Cl. 11 in conjunction with ANSI/AHAM DH-1-2008</p> <p>Code of Practice on Energy Labelling of Products 2014 issued by EMSD Cl. 11 in conjunction with ANSI/AHAM DH-1-2008</p> <p>The Hong Kong Voluntary Energy Efficiency Labelling Scheme for Dehumidifiers April 2010 issued by EMSD Cl. 7 in conjunction with ANSI/AHAM DH-1-2008</p> <p>The Hong Kong Voluntary Energy Efficiency Labelling Scheme for Dehumidifiers July 2013 issued by EMSD Cl. 7 in conjunction with ANSI/AHAM DH-1-2008</p> |