



**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
香港九龍清水灣香港科技大學1213室

ENQUIRY : Mr Paul LAI
查詢 賴偉松先生

TELEPHONE : 2358 6831
電話

FAX : 2358 0054
傳真

E-MAIL : egpaul@ust.hk
電郵

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-conditioners with a rated cooling capacity not exceeding 10 kW	Product performance tests :-	
	- Capacity and performance tests using air-enthalpy method :	ISO 5151: 1994
	- Cooling tests for test condition 'T1' and 'T2'	Cl. 4
	- Cooling capacity ratings	
	- Maximum cooling test	
	- Minimum cooling test	
	- Enclosure sweat and condensate disposal test	
- Freeze-up test		
- Marking provision	Cl. 8	
- Capacity and performance tests using air-enthalpy method :	ISO 5151: 2010	
- Cooling tests for test condition 'T1' and 'T2'	Cl. 5	
- 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"	Cl. 6	
- Heating capacity test		
- Maximum heating performance test		
- Marking provisions	Cl. 9	

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Non-ducted air-conditioners with a rated cooling capacity not exceeding 7.5 kW	Product performance tests :- - Capacity and performance tests using air-enthalpy method : - Cooling capacity test - Maximum cooling test	Code of Practice on Energy Labelling of Products 2010 issued by EMSD, Cl. 7 in conjunction with ISO 5151: 1994
Non-ducted air-conditioners 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

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	Product performance tests :- (cont'd)	
Household frost-free refrigerating appliances	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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 appliances with a rated total storage volume not exceeding 500 litres	<ul style="list-style-type: none"> - 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

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	Product performance tests :- (cont'd)	
Dehumidifiers with rated dehumidifying capacity not exceeding 35 litres per day	Performance tests and requirements : - Dehumidifying capacity test - Maximum operating conditions test	Code of Practice on Energy Labelling of Products 2010 issued by EMSD Cl. 11 in conjunction with ANSI/AHAM DH-1-2008
Dehumidifiers with rated dehumidifying capacity not exceeding 35 litres per day	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