

Laboratory	PED Laboratories, Tecumseh Products India Private Limited, Balanagar Town Ship, Hyderabad, Telangana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Electrical Testing	Issue Date	06.05.2015
Certificate Number	T-1810	Valid Until	05.05.2017
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. ROTATING ELECTRICAL MACHINES				
1.	Hermetic Compressor	Locked Rotor Test	UL 60335-2-34 Oct 2009 cl: 19.107, IEC 60335-2-34 Edition 4.2 2009-01 Cl: 19.101	5A to 200A
		Leakage Current	IEC 60335-2-34 Edition 4.2 2009-01 Cl: 16 /	Upto 10 mA
		High Voltage Test	IEC 60035-2-34 Edition 4.2 2009- 01 Cl: 16/ UL 60335-2-34 Oct 2009 Cl: 13.3 DV1/	200 V to 2000 V
		Insulation Resistance	IS 10627 Amd 02-2000 Cl: 5.1.5	Upto 2000 MΩ
		MCC (Max. Continuous Current)	UL 60335-2-34 Oct 2009 Cl:34DVA	5 A to 30 A
II. DOMESTIC ELECTRICAL APPLIANCES				
1.	Room Air Conditioner (Window & Split Air Conditioner)	Cooling Capacity	ISO 5151: 1994,Cl: 4.1 T1& T3 Test Conditions, IS 1391 (Part 1): 2006 amd 4 Cl: 10.10 IS 1391 (Part 2): 2006 amd 3 Cl: 9.9 with deviation of No Outdoor wet bulb control	4 °C to 60 °C/0.01 °C 40 W to 7500W/ 0.001 W 80 V to 600 V/0.01V 0.25 A to 20 A/ 0.01A
		Minimum Cooling/ Freeze Up Air	ISO 5151: 1994, Cl: 4.3 & 4.5 IS 1391 (Part 1): 2006 amd 4 Cl: 10.10 IS 1391 (Part 2): 2006 amd 3 Cl:9.9	4 °C to 60 °C/0.01 °C 40 W to 7500 W/ 0.001 W 80 V to 600 V/0.01 V 0.25 A to 20 A/ 0.01 A

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Room Air Conditioner (Window & Split Air Conditioner)	Maximum Cooling / Over load	ISO 5151: 1994,Cl: 4.2 T1, T2 & T3 Test Conditions IS 1391 (Part 1): 2006 amd 4 Cl: 10.4 IS 1391 (Part 2): 2006 amd 3 Cl: 9.4	4 °C to 60 °C/ 0.01 °C 40 W to 7500 W/ 0.001 W 80 V to 600 V/0.01 V 0.25 A to 20 A/ 0.01 A
		Enclosure Sweat and Condensate Disposal	ISO 5151: 1994,Cl: 4.4 IS 1391 (Part 1): 2006 amd 4 Cl: 10.6,10.7 IS 1391 (Part 2): 2006 amd 3 Cl: 9.6	4 °C to 60 °C/0.01 °C 40 W to 7500 W/ 0.001W 80 V to 600 V/0.01V 0.25 A to 20 A/ 0.01A

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