

Laboratory **Aircon Lab, Whirlpool of India Ltd., Plot No.-28, NIT Industrial Area, Faridabad, Haryana**

Accreditation Standard **ISO/IEC 17025:2005**

Certificate Number **TC-6867**

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Validity **07.02.2018 to 06.02.2020**

Last Amended on **03.12.2018**

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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ELECTRICAL TESTING

I.	DOMESTIC ELECTRICAL APPLIANCES			
1.	Air Conditioners Unitary AC Split AC Variable Capacity AC	Power Consumption for Cooling	IS 1391 (Part 1):2017, Cl. 9.1 & 10.8 IS 1391 (Part 2):1992, Cl. 9.7	200 W to 4,000 W
		Cooling Capacity	IS 1391 (Part 1):2017, Cl. 10.10 IS 1391 (Part 2):1992, Cl. 8.1 & Cl. 9.9	500 W to 8,500 W
			UAE.S/ISO 5151:2010 Cl. 5.1	500 W to 8,500 W
			ISO 5151:2017(E), Cl. 5.1 ISO 16358-1:2013(E) Cl. 6.7.3	500 W to 8,500 W
			SASO 2681:2007 Cl. 4.1	500 W to 8,500 W
		Cooling Capacity Rating	IS 1391 (Part 1):2017, Cl. 10.4 IS 1391 (Part 2):1992 Cl. 8.2 & Cl. 9.4	500 W to 8,500 W
		Maximum Operating Conditions	UAE.S 5010-1:2014	Qualitative
		Energy Labeling and minimum energy performance requirement	IS 1391 (Part 1):2017, Cl. 10.5 IS 1391 (Part 2):1992, Cl. 9.5	Qualitative
		Freeze Up	IS 1391 (Part 1):2017, Cl. 10.6 IS 1391 (Part 2):1992, Cl. 9.6	Qualitative
		Enclosure Sweat	IS 1391 (Part 1):2017, Cl. 10.7	Qualitative
Condensate Disposal				

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2.	Frost Free and Direct Cool Refrigerator (50 Litres to 650 Litres)	Energy Consumption	IS 1476:2000, Cl. 14.9 IS 15750:2006, Cl.14 AS/NZ4474.1:2007, Cl.2.16	Upto 2 kWh/24 Hours
		Volume	AS/NZ4474.1:2007, Cl.2.6 IS 1476:2000, Cl.8 IS 15750:2006, Cl.6	50 Litres to 650 Litres
		Pull Down	AS/NZ4474.1:2007, Cl.2.12 IS 1476:2000, Cl.14.5 IS 15750:2006, Cl. 16	50 Litres to 650 Litres

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