

List of Test Parameters	Doc: NEL-Annex-01	Date: 13/06/2025
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Parameters to be tested for each Appliance under Pakistan Energy Label Regulations			
Appliance	Parameter	Conditions as per Pakistan Energy Label Regulations 2023	Standard Referred
Fans (Table, Wall, Exhaust, Pedestal, Ceiling Fans)	Service Value: Air Delivery / Power (m ³ /min/ watt)	Voltage: 230 V at 50 Hz Power Factor not less than 0.9	PS: 1/2021
Room Air Conditioners (Wall mounted split up to 10.5 kW)	Cooling Seasonal Performance Factor (Wh / Wh)	Voltage: 230 V at 50 Hz Ambient Temp: T1 as per PS: ISO 5151/2013	PS: ISO 16358-1 PS: ISO 5151/2013
Household Refrigerating Appliance (two door refrigerator / freezer)	Comparative Energy Consumption (CEC) (kWh / year)	Voltage: 230 V at 50 Hz Ambient Temp: 32° C Adjusted Volume also needs to be calculated / measured	PS: IEC 62552-1/2018 PS: IEC 62552-2/2018 PS: IEC 62552-3/2016 PS: IEC 62552-3 AMD 1/2021
Motors (greater than 0.12 kW and less than or equal to 1,000 kW)	Efficiency Class (IE) rating of motors as per IEC 60034-30-1	Not specified.	IEC 60034-1 Ed. 13.0 IEC 60034-2 Ed. 2.0 2014 IEC EN 60079-7: 2015 IEC 60034-30-1
LED Lights	Lumens / Watt (lm / W) Flux Levels (Lumens) and Power Rating (Watts)	Not specified.	PS: IEC 62504