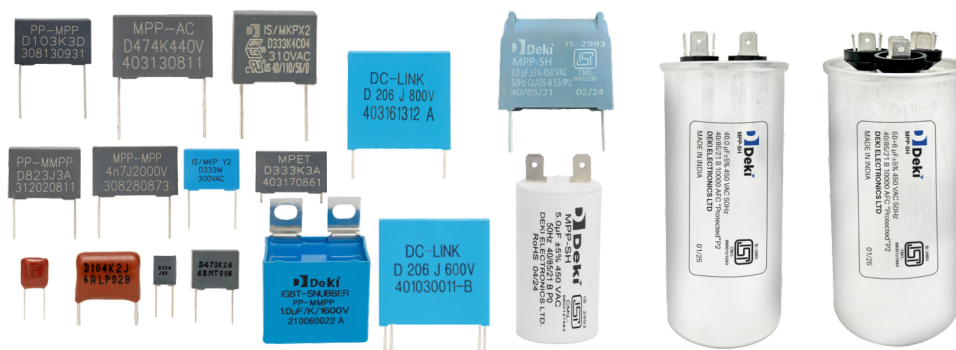
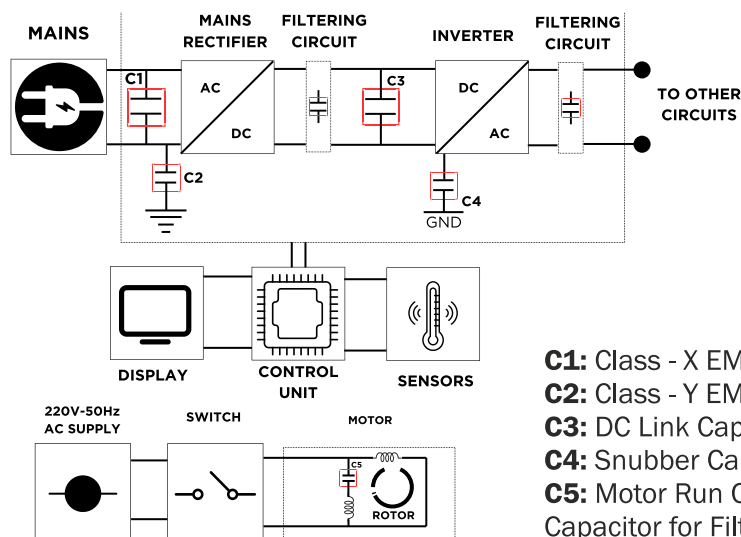


Capacitors for Air Conditioners

Capacitors play a crucial role in air conditioning systems by providing the necessary electrical boost to start and run the compressor and fan motors efficiently. Start capacitors deliver a quick surge of energy to initiate motor operation, while run capacitors ensure a steady voltage supply for smooth performance. By improving energy efficiency and reducing motor strain, capacitors enhance the system's reliability and longevity, preventing frequent breakdowns and ensuring optimal cooling performance.



Functional block diagram



- C1:** Class - X EMI Suppression Capacitor
- C2:** Class - Y EMI Suppression Capacitor
- C3:** DC Link Capacitor
- C4:** Snubber Capacitor
- C5:** Motor Run Capacitor Capacitor for Filter Application

Why Deki



One-Stop Shop
for All Film
Capacitor Needs



Comprehensive
DC & AC
Capacitor Solutions



Single-Digit
PPM Quality



Global Quality
Designed and
Made in India



Fast & Reliable
Delivery Prioritizes
Customer Deadlines

Capacitors for Air Conditioners

The Deki Range

Series No.	Capacitor Type	Function	Voltage range	Capacitance range
207 - Normal grade 151 - THB grade	Class-X2	EMI filter between mains	310VAC	0.01 μ F to 10 μ F
33	Class-Y2	EMI filter between line and ground	300VAC	0.001 μ F to 1 μ F
MPP and MPET Film Capacitors	General purpose	AC filtering after rectification	63VDC-630VDC for MPP-DC 100VDC-1000VDC for MPET-DC	0.001 μ F to 10 μ F
91 - DC Link Plastic Box	DC Link	DC link	450VDC-1500VDC	1 μ F to 210 μ F
121 - PP MPP 134 - High Voltage Capacitor 150 - MPP-MPP	Snubber	Reduce high voltage spikes	700VDC-3000VDC	0.047 μ F to 5.6 μ F 0.0001 μ F to 0.01 μ F
218 - S2 Single Capacitor Design 318 - S2 Dual Capacitor Design	Motor Run	Provide phase shift	450VAC	1 μ F to 100 μ F
222 - Box type S0 PCB Mount Design 173 - Box type S3 PCB Mount Design	Motor Run	Provide phase shift	450VAC	1 μ F to 20 μ F

For more details on the Deki range of capacitors for Air Conditioners, please scan the QR code.



Deki Capacitors: Ensuring Reliable Cooling in Air Conditioners



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