



TIBCON[®] CAPACITORS

CONSISTENT QUALITY | SUPERIOR TECHNOLOGY | ENERGY EFFICIENT

Power Factor Correction Capacitors Harmonic Filter Reactors Capacitor Duty Contactors

Fan Capacitors
Oil Capacitors
Washing Machine Capacitors
Motor Run Capacitors
Motor Start Capacitors

Lighting Capacitors
Air Conditioning Capacitors
PFC Capacitors
Anti-resonance De-tuned Filters
Capacitor Duty Contactors



Tibrewala Electronics Limited
www.tibcon.net



FAN CAPACITORS



Features

- Made with self-healing Metallised Film
- Can operate with same efficiency at varied temperatures
- Low internal power losses & High Insulation resistance
- Largest supplier of Fan Capacitors in India
- Manufacturing about 200,000 pieces per day

Range

- 1 μF to 6 μF in various can sizes
- Available in both PP & Aluminium Can

Application

- Ceiling Fans, Table Fans, Pedestal & Wall Fans, Exhaust Fans, Industrial Fans & Blowers, Air Coolers etc

MOTOR RUN CAPACITORS



Features

- Made with self-healing Metallised Film to ensure long life
- Can operate with same efficiency at varied temperatures
- Specially designed Capacitors for Submersible Pump
- Available with UL Certification also

Range

- 5 μF to 72 μF
- Available in PP & Aluminium Can in both PIN & Wire type
- Other special sizes & ratings available on request

Application

- Single Phase motors, Monoblock Pump sets, Submersible Pump, Industrial Blowers etc

LIGHTING CAPACITORS



Features

- Made with self-healing Metallised Film
- Manufacturing process is tailor made to suit application
- Very high reliability & long life
- In built discharge resistor
- Can operate at 105°C temperatures for HID blast

Range

- 250V-660V, 4 μF to 60 μF in PP Can with Wire & Pin type
- Available in PP Can at various sizes

Application

- Lighting Fixtures, HID Lamp Fixtures, Street Lights etc

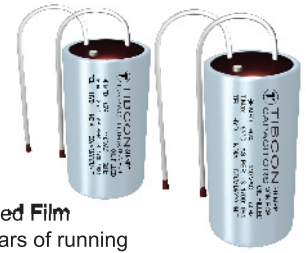
WASHING MACHINE CAPACITORS



Features

- Made with Self-Healing Metallised Film to ensure long life
- Can operate with same efficiency at varied temperatures
- Dual Capacitors for Semi-Automatic Washing Machine
- Available in IS:2993. Also available IEC 60252 with UL 94V2 PP Case

OIL CAPACITORS



Features

- Made with self-healing Metallised Film
- Zero Capacitance loss over years of running
- Ensure high Air delivery in Fans for long period
- Leak proof design
- Largest manufacturer of Oil Capacitors in India

Range

- 1 μF to 10 μF
- Available in Aluminium Can

Application

- Ceiling Fans, Table Fans, Pedestal & Wall Fans, Exhaust Fans, Industrial Fans & Blowers, Air Coolers etc

MOTOR START CAPACITORS



Features

- Made with self-healing Metallised Film to ensure long life
- Minimal dissipation factor leading to much higher reliability
- Available in close tolerance of $\pm 5\%$
- Very low power loss leads to high efficiency
- Chart for equivalent Electrolytic Capacitors in detailed brochure

Range

- 30 μF to 160 μF which is equivalent to 40/60 μF to 300/350 μF in Electrolytic Capacitors
- Other special sizes & ratings available on request

Application

- Motor Starters, Monoblock Pump Sets, Submersible Pump Starters, Industrial Blowers, Refrigeration and Compressors etc

AIR CONDITIONING CAPACITORS



Features

- **BURST PROOF** design in Metal Top assembly
- Available with UL Certification for 10000AFC Internal Protection
- Inbuilt pressure Sensitive Interrupter to ensure maximum safety
- Single as well as Dual Capacitors for various applications
- Different types of Terminals to suite the customer requirement
- Highly reliable TIN Plated Terminals

Range

- 25 μF to 80 μF in single & 25+2 μF to 60+10 μF in Dual Capacitor in 370V/440V
- Other special sizes & ratings available on request

Application

- Air Conditioners, other Refrigeration, White Goods etc

Range

- 5.3+2.1 μF to 12+6 μF
- Customized design for dual capacitance for specific applications depending on machine/motor design
- Other special sizes & ratings available on request
- Available in both PP & Aluminium Can in Two/Four Wires

Application

- General sine wave Single Phase Motor Run Washing Machine

CYLINDRICAL PFC CAPACITORS



Features

- Compact Cylindrical Construction for LV Application
- 3-Phase - DELTA Connection
- Non-PCB Oil Encapsulation
- High Temperature Withstanding Capacity
- Self-healing Properties
- Explosion Proof Design
- Safe-Touch, Shock-Proof Terminals
- Longer Life Expectancy
- Eco-Friendly
- All products are tested successfully at World renowned Lab CPRI

Range

- Available in Standard Duty, Heavy Duty & Super Heavy Duty
- Voltage Range – 230V to 690V
- Ratings – 0.5 KVAR to 50 KVAR in single unit

Application

- APFC Control Panels, Wind Turbines, Welding Units, Furnaces Industrial & Commercial establishments, Motors, Transformers
- Specially designed for **WINDMILL APPLICATION**

BOX TYPE PFC CAPACITORS



Features

- Compact Steel Body Construction for LV Application
- 3 Phase - DELTA Connection
- Easy Banking
- Non-PCB Oil Encapsulation
- Eco-Friendly
- High Temperature Withstanding Capacity
- Self-healing Properties
- Safe-Touch, Shock-Proof Terminals
- Longer Life Expectancy
- Aluminium Cartridges can be replaced separately in Modular Design

Range

- 1 KVAR to 50 KVAR in single unit
- Voltage range –230V to 690V
- Available in Compact, Modular Normal Duty, Heavy Duty and Super Heavy Duty

Application

- Heavy Industrial applications
- Commercial and Domestic application

ANTI-RESONANCE DE-TUNED FILTERS



Features

- 3-Phase, high permeable CRGO iron core, air cooled
- High conductive Copper or Aluminium Windings
- High harmonic loading capability
- Designed for low power losses
- Low noise emissions of <65dB
- Wago Terminals for easy Termination in up to 20 KVAR
- Bus Bar Terminals for 25 KVAR & above
- Thermal Switch for overload protection
- Manufactured under ISO 9000 quality management
- Vacuum impregnated varnish to ensure silent and moisture immune operation
- Wide range from 5 KVAR to 100 KVAR both in Aluminium & Copper

Range

- Detuned Copper & Aluminium Recators
- Voltage – 400V to 440V
- Output – 5 KVAR to 100 KVAR
- Other Voltages on request

Application

- Avoidance of resonance conditions
- Reduction of Harmonic Distortion
- Reduction of Power losses

About Us

As one of the most renowned manufacturers of Capacitors and MPP Film in India, Tibrewala Electronics Limited (TEL) has successfully reached the elite 30 Million US\$ segment, having ventured to capture global markets across Asia, Africa, Australia, Europe and America.

With an established presence of nearly three decades in the sector, TEL has become an invaluable partner in the manufacturing of industrial machinery and domestic appliances of several reputed domestic & international brands and even defense electronics. Presently, over 40% of our products are earmarked exclusively for export.

With a staggering investment of over 15 Million US\$ today, we proudly stand on the threshold of phenomenal outbound growth, adding value to our partners, customers, and vendors, strongly contributing to the nation's industrial strength.

Quality

TIBCON is a well known brand of Capacitors in India for its performance, reliability and durability. The quality of our products has been a key driver of our growth and prominence in the Capacitor industry.

TIBCON products conforms to the global industry norms and international standards.



TIBREWALA ELECTRONICS LTD.

Corporate Office: 803, Manjeera Trinity Corporate, KPHB,
Phase III, Kukatpally, Hyderabad - 500 072, Telangana, INDIA
Tel: + 91 40 4819 4444.
Email: salesupport@tibcon.net | info@tibcon.net
Visit us at: www.tibcon.net

DISCLAIMER: The technical specifications and the product design are subject to change as per the evolving market requirements and product research. Customers may contact Tibrewala Electronics Limited for updates on product design and technical specifications.

The image shown in the brochure are only representation of the actual products. The colour, design and specifications of the actual product may vary.

Edition: 01/2020

© Reproduction, publication and dissemination of this technical literature and the contents therein without TIBREWALAELECTRONICS LTD. prior written permission is strictly prohibited.