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AM RAD Engineering, Inc.

INNOVATIVE CAPACITOR SOLUTIONS

TURBO FAMILY

Turbo[®]200



The world's first multiple tapped, fluid-filled, metal can, motor-run capacitor, which eliminates the need to inventory more than 200 individual single or dual value capacitors with a voltage rating up to 440 VAC.

The Turbo[®]200 capacitor has a combined total of 67.5 microfarads (mfd), with taps at 2.5mfd, 5.0mfd, another 5.0mfd, 10.0mfd, 20.0mfd and 25.0mfd.

Turbo[®]200X



The Turbo[®]200 X Capacitor has a combined total of 97.5 Microfarads. 5.0 MFD, 5.0 MFD, 7.5 MFD, 10.0 MFD and 50.0 MFD. Ideally designed for replacement range of 25/5 through 90/7.5 Microfarads. For single and dual value usage.

Over 200 Capacitors in One Amazing Unit

Turbo[®]200 Mini

Engineered Specifically to replace single value "Fan-Size" Motor-Run Capacitors 2.5MFD to 12.5MFD, 370VAC to 440VAC.



MOTOR RUN CAPACITORS

Performance Characteristics

1. **CAPACITANCE:** 3.0uF to 100.0uF. Shall be within the specified tolerance limits of the nominal value measured at 1 KHz at 25°C.
2. **CAPACITANCE TOLERANCE:** ±6% and ±10%. Other tolerances available upon request.
3. **DISSIPATION FACTOR:** Measured at 1 KHz at 25°C shall not exceed
 - .10% (.0010) for capacitors up to 7.5uF
 - .25% (.0025) for capacitors up to 15.0uF
 - .30% (.0030) for capacitors up to 25.0uF
 - .45% (.0045) for capacitors up to 40.0uF
 - .70% (.0070) for capacitors up to 70.0uF

The dissipation factor shall not exceed .10% when measured at rated voltage, 60 Hz at 25°C.

4. **INSULATION RESISTANCE:** When measured at 25°C at 200 VDC (for capacitors rated up to 250 VAC) / 400 VDC (for 330-440 VAC rated capacitors) with two minute electrification, shall not be less than 100,000 megohms x mfd.
5. **VOLTAGE RATING:** Full temperature range – 250 VAC and 370 VAC, 50-60Hz. Other Voltage ratings available upon request.
6. **TEMPERATURE RANGE:** -40°C + 70°C.

**Made in the
USA**

