



ILLINOIS CAPACITOR, INC.

3757 W. Touhy Ave., Lincolnwood, IL 60712 • (847) 675-1760 • Fax (847) 673-2850 • www.illcap.com



Reconditioning aluminum electrolytic capacitors

Aluminum electrolytic capacitors can be given a one time reconditioning if they have drifted out of specification.

Equipment required:

- DC power supply (adjustable if possible)
- Volt meter
- 1k Ω resistor
- Timer

Reconditioning also called voltage treatment consists of applying the rated voltage of the capacitor for thirty minutes through a 1k Ω resistor. When using an adjustable power supply initially apply $\frac{1}{2}$ the rated voltage to the capacitor for 10 minutes then slowly increase the voltage to the rated voltage of the capacitor for leave at the rated voltage for 20 minutes.



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