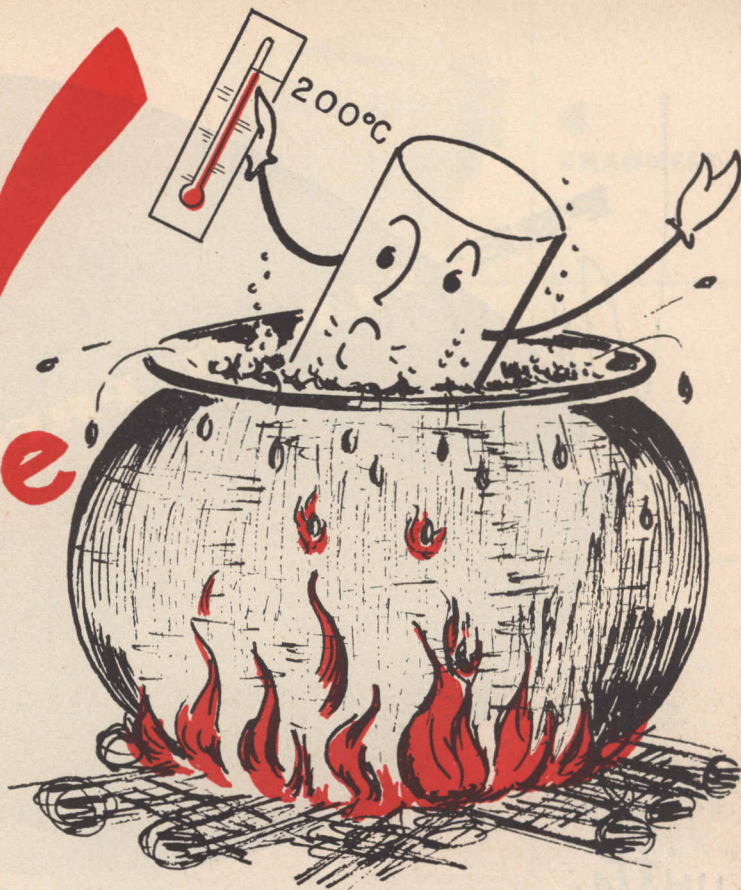


*It's Hot!
in here*



Airpax

proudly announces ...

MODEL A-100
400 cycle 6 volt
Chopper

• • • **for continuous operation**
in a 200° c ambient



This remarkable Class H adaptation of our standard chopper is at no sacrifice to Airpax quality. In fact operating frequency range is enlarged to 360 to 440 cycles. Drive is 6.3 VAC, 1 watt. Residual noise less than 3 mv. peak to peak at one megohm. Phase lag is 65° between drive voltage and square wave output. Covers the full range of +200°C to -65°C. Will withstand 10g vibration. Contacts SPDT, rated 100 V, 2 ma., max.

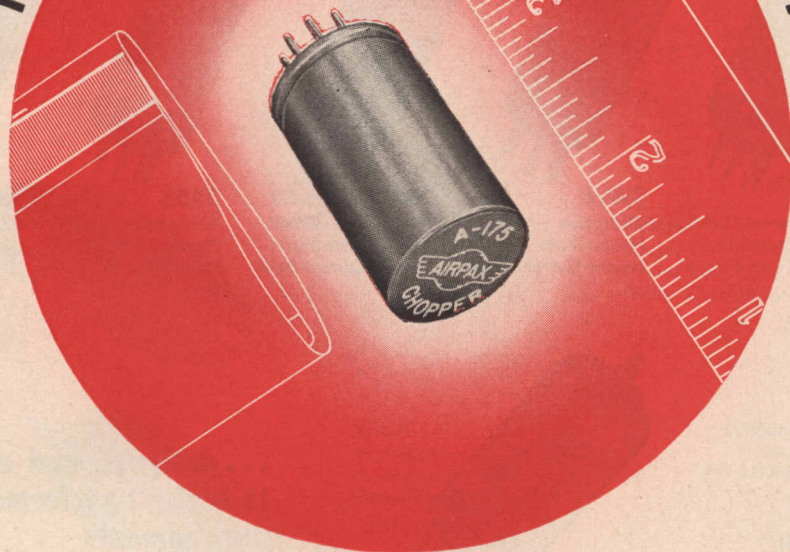


MIDDLE RIVER

BALTIMORE 20, MD.

THE VERY SMALLEST YET

AIRPAX A175 MIDGET 60 cycle chopper



Phase Angle at 6.3v, 60 cycles is $21^{\circ} \pm 5^{\circ}$, at 30 cycles is nominally 20° , at 100 cycles 26° .

Contacts are SPDT, break-before-make, and are rated up to 100 volts maximum, 1 ma maximum.

Dwell Time is approx. 170° . The nominal value of dwell time changes only slightly from 30 cycles to 100 cycles.

Coil demand at 6.3 volts, 60 cycles, is approximately 37 milliamperes, coil resistance approximately 165 ohms D.C.

Noise with all 3 contacts at one megohm impedance, and with wide band amplifiers, will have an effective value of 50 microvolts or less. The offset of narrow band amplifiers will be very much less. The specification of noise requires careful definition, users should refer to the detail specifications and bulletin 103.

Temperature may be any value from -65°C to 85°C . The nominal phase angle will vary from about 17 degrees at -65°C to 25 degrees at 85°C .

Vibration from 10 to 55 cycles will not damage the chopper up to as high as 30 G. At these higher G values there will be some modulation of the phase angle.

Frequency of operation may be any value from 25 to 110 cycles, to maintain full performance, balance, etc.

Humidity may be any value, except of course for external condensation on the header.

Shock values as high as 50G will not damage the chopper.

Altitude may be any value, as the unit is hermetically sealed.

wide temperature range

broad frequency range

hermetically sealed

very low noise

long proven life

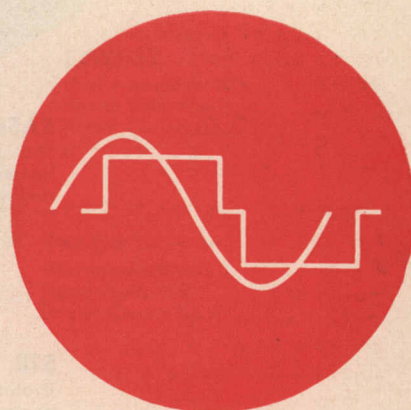
vibration proof

chatter free

shock proof

reliable

rugged



AIRPAX

C747 MIDGET

400 CYCLE CHOPPER

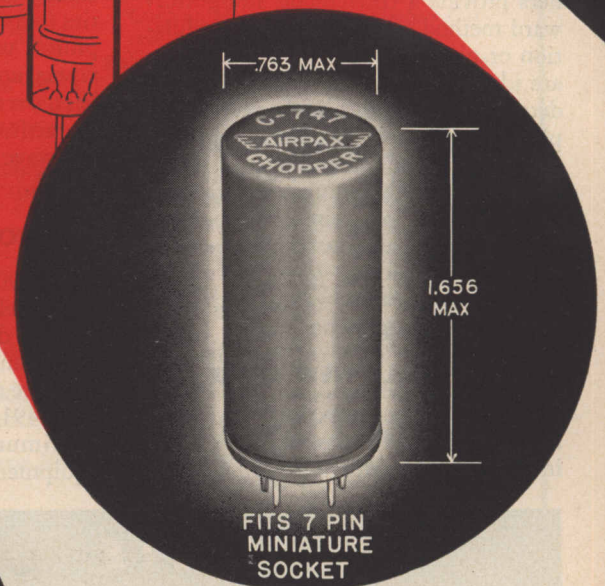
PROVEN PERFORMANCE
in large volume production
is your best guarantee
of quality!

*note
these facts...*

- AIRPAX has built nearly 1/4 million choppers
- AIRPAX maintains an engineering staff constantly striving to improve choppers
- AIRPAX has ample capacity for large volume production of choppers
- And AIRPAX choppers have proven performance life and reliability



MIDDLE RIVER BALTIMORE 20, MD.



Weights less than 1 oz.