

CV15 - VHF Power Triode, Micropup Style



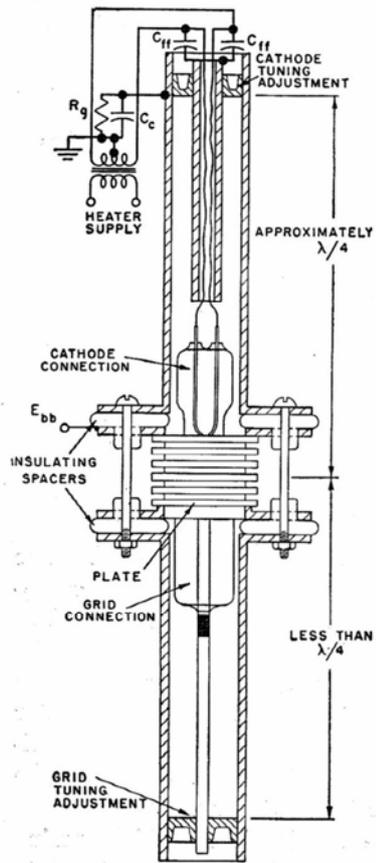
CV15, GEC prototype E.1266, is an external anode VHF power triode. It is a conduction-cooled triode, reduced power variant of the early micropup [VT90](#). A couple of CV15s in push-pull produced 10 kw pulses, 1 μ s at 1500 pps in the 70 cm ASV airborne radar. Later replaced by [NT99](#). Cooling must be provided by suitable radiator so that anode temperature does not exceed 140°C.

Thoriated-tungsten filamentary cathode operating at 3.25 V, 6.75 A.

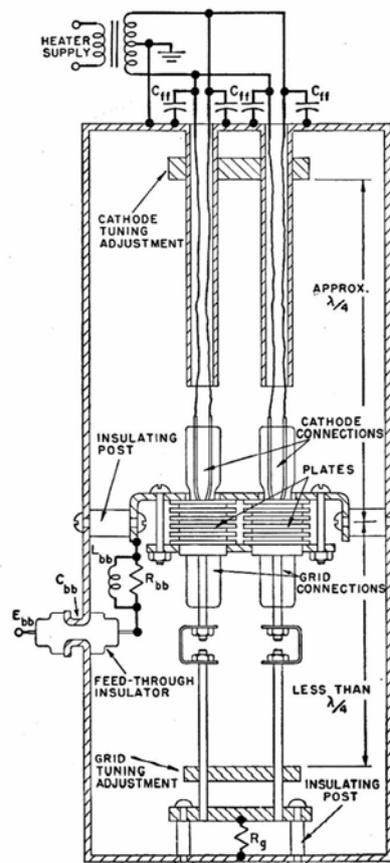
Max anode voltage 4 kV, max plate dissipation, no radiator, 1 W. Mu 15.5.

Max operating frequency 300 MHz.

Spec sheet for [CV15](#).



Single-tube plate-return oscillator.



Push-pull plate-return oscillator.

Typical oscillators using micropup triodes.

