

Catkin Prototype, GEC Early Thirties



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Here a rare prototype of power catkin triode made by GEC in the early thirties. This sample is fitted with a finned two-shell radiator factory mounted on the copper anode. About 16 cm height. The plate power dissipation can be estimated in the order of one hundred watts with proper air flow. The prototype was supplied with flying leads, ready to be mounted on a suitable base.

The development of this kind of power triodes with external copper anode and glass-to-copper seal, is described in 'The GEC Research Laboratories 1914-1984'. In the image below from the said source, we see the bare evacuated tube, the second one from left, and the same tube with British L-4 base and cylindrical radiator, even with louvered aluminum cover. The only known approved version went into production with 4-pin bayonet base as [NT39 / CV1222](#).

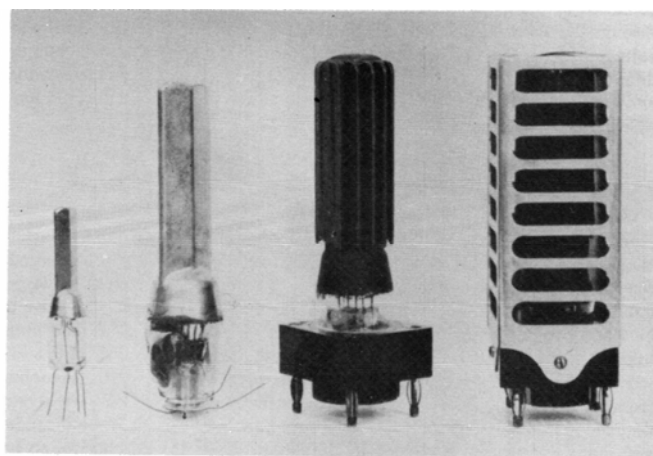


Fig. 5.4 The Catkin Valve (1930).

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