

SA871645

Aepinus Condenser or Capacitor by Griffin & George Ltd

Price

Sold**Item Reference: SA871645****Date of manufacture: 1920**

Dimensions

Height = 29 cm (11.4")

Width = 45 cm (17.7")

Depth = 16 cm (6.3")

Description

For sale, an Early Twentieth Century Aepinus Condenser or capacitor by Griffin & George Ltd. Comprised of three Bakelite and rubber insulated pillars attached to a wooden rectangular base. A nickel plated metal cap with a horizontal hole drilled through the centre is provided on each of the two outermost pillars through which two adjustable rods are inserted. The end of each rod has a 4 inch diameter circular plate facing the centre and each have an insulated rubber handle at the outer end. These rods are designed to enable hand adjustment forwards and backwards from the centre. The shorter pillar at the centre of the base is of similar design except for a nickel plated rectangular slip which holds a six and a half inch square sheet of glass and can be swapped with alternative dielectric or non-conductive materials. This apparatus albeit a very much later example was the result of experiments by Franz Aepinus during the Eighteenth Century which showed the relative resistance between conductors and non-conductors. The use of various materials intersected between the two metal plate conductors effectively debunked Benjamin Franklin's earlier theory that electricity was s...

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