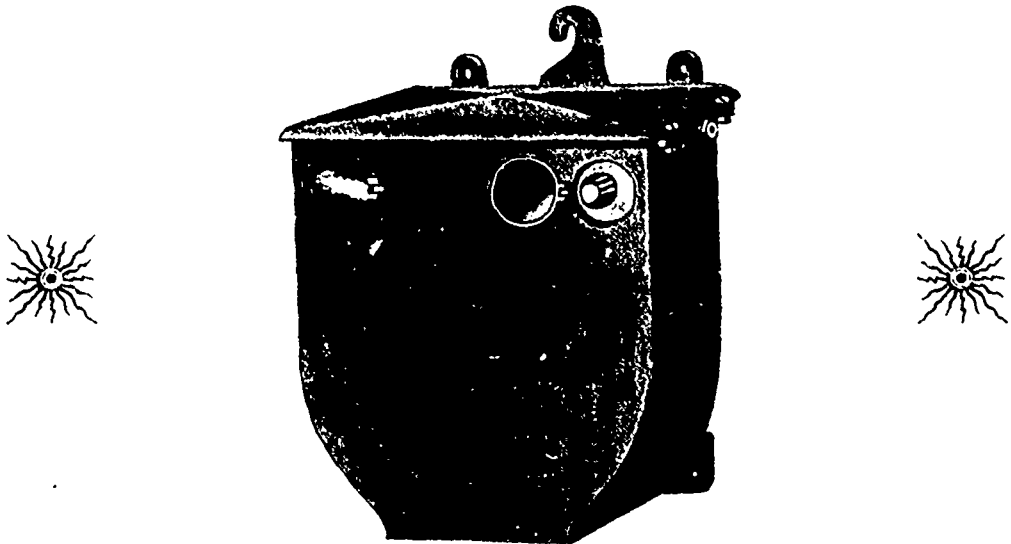


(=====) THE (=====)

PACKARD • TRANSFORMER



IN presenting the Packard Transformer to the trade we wish to state that it has not been placed upon the market until it has been subjected to a most extensive and rigorous system of tests, which have established beyond doubt the fact that it is unexcelled in efficiency and regulation. In securing these two very important results the necessity of superior insulation and cool running have not been overlooked, and we have also excelled in these points.

In construction, the ring form for the coils, which has always been acknowledged as theoretically the only correct form, has been followed. In this form there is absolutely no dead wire, as is the case with all other forms on the market, and the iron is so distributed that the field on every side is equal. There is but one joint in the magnetic circuit, and the energy required for magnetization is reduced to a minimum. No laborious effort has been made to get a so-called "separable" core, as naturally the separable form cannot be as efficient, having several distinct breaks in the magnetic circuit, which cause, in addition to the inevitable loss of efficiency, excessive heating and a disagreeable humming noise, besides which the separable form is generally more difficult to take apart and rebuild than the built-up form which we use. The core of our transformer is the only one on the market having but one break in the magnetic circuit. The practical difficulty encountered in this form of construction has been to secure the proper insulation of coils. This we have overcome by an entirely new method of transformer winding, and have made a coil which absolutely cannot burn out when loaded to its rated capacity. In short, we have a converter which approaches very nearly to perfection in every particular.

To show the trade that we are willing to back the above statements in every way we guarantee each and every transformer to be entirely satisfactory in every respect, and will replace or repair any converter that burns out under a normal load, free of charge to our customers.

THE : PACKARD : LAMP : CO.

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