

FEDERAL

F-337-A HALF WAVE RECTIFIER



TECHNICAL DATA

No. of Electrodes	2
Filament Voltage — Max. Peak Plate Current	
20.0 volts	8.0 amperes
19.5 volts	6.5 amperes
19.0 volts	5.0 amperes
18.5 volts	4.25 amperes
18.0 volts	3.5 amperes
Filament Current	61 amperes
Type	Tungsten
Maximum Peak Inverse Voltage	50,000 volts
Overall Dimensions	
Maximum Length	21 inches
Maximum Diameter	4-5/32 inches
Type Base	Standard
Type of Cooling	Water
Recommended Water Flow	12 gal. per min.
Water Jacket	Standard or Federal Type 1005-B

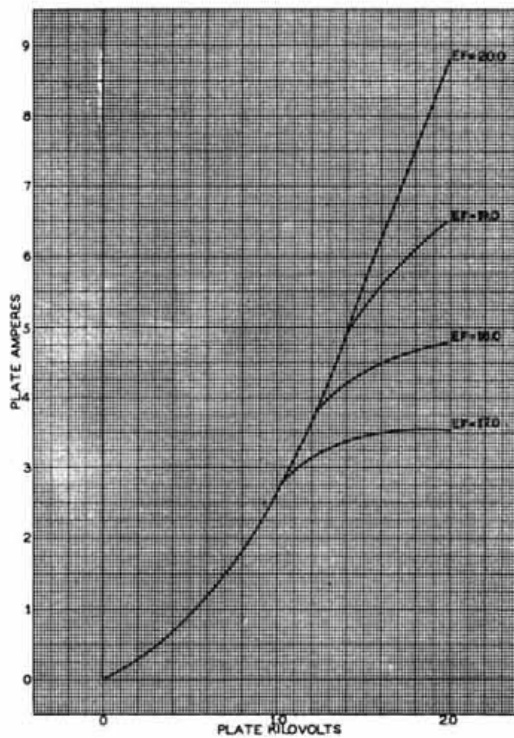
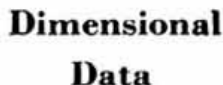
The information herein by no means represents exact conditions of operation to be imposed for any particular situation. Since tubes are used under many widely different conditions the manufacturer will gladly furnish information regarding characteristics for design purposes.

Manufactured by

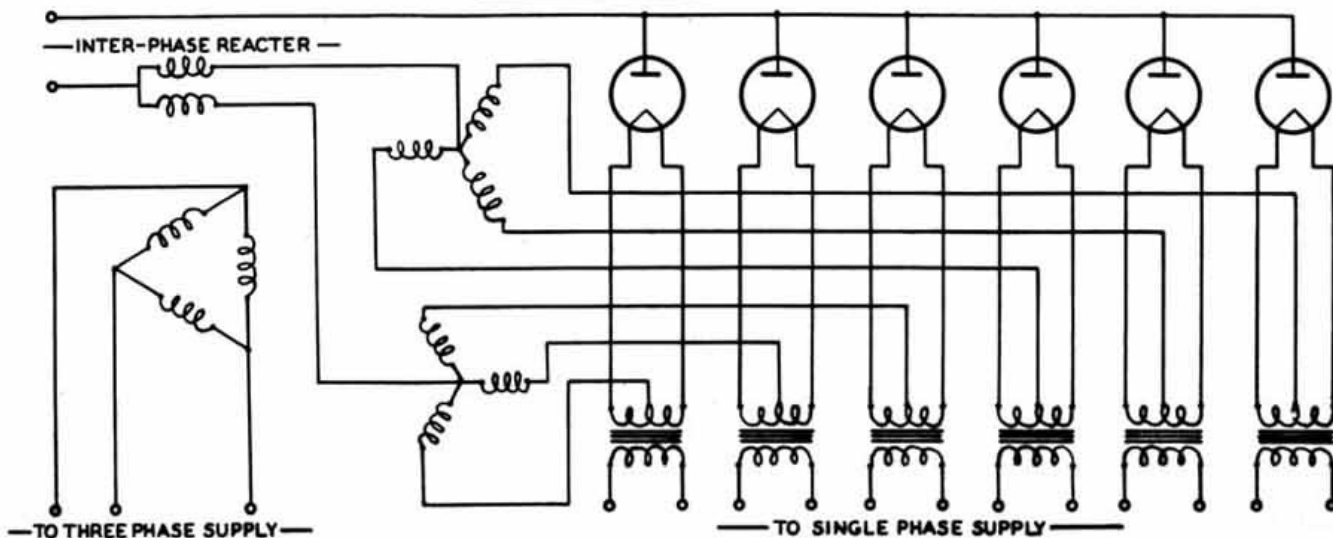
FEDERAL TELEGRAPH CO.

200 Mt. Pleasant Avenue Newark, N. J., U. S. A.

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— TYPICAL RECTIFIER CIRCUIT —



Transformer secondary voltage per leg RMS	0.855
Transformer secondary current per leg RMS	0.289
Transformer secondary KVA	1.48
Transformer primary KVA	1.05
Peak inverse voltage across tubes	2.42
Peak current per tube	0.500

The above values are given in terms of the average DC values and are based on the use of an input choke of sufficient inductance to hold the output current essentially constant. Tube voltage drop and transformer resistance are not taken into consideration in the above data. Tube voltage drop may be obtained from the above curves.