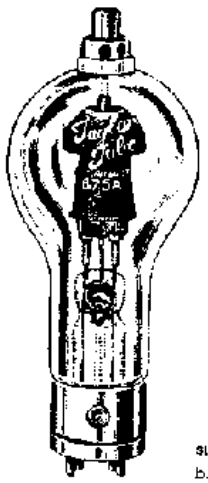
Taylor



875-A

CARBON ANODE AND SHIELD HALF-WAVE MERCURY VAPOR RECTIFIER TUBE

For Broadcast Stations and Induction Heating Apparatus

$30.00

This new and greatly improved Taylor design incorporates the use of a Processed Carbon Anode and shield. This type is widely used in commercial services. A performance test will thoroughly prove the superiority of Taylor's 875 A's.

GENERAL CHARACTERISTICS

Filament Volts	5
Filament Current, amps.	10
Heating Time, seconds	30

Overall Dimensions

Maximum Height, inches	10¾
Maximum Diameter, inches	3⅛
50 Watt Base	**Nonex Glass**

Max. Peak Inverse Voltage	
Condensed Mercury Temperature 20° to 50° C.	15,000
Condensed Mercury Temperature 25° to 60° C.	10,000
Max. Peak Plate Current, amps.	5
Max. Average Plate Current, amps.	1.5
Approx. Tube Voltage Drop, volts	10

TYPICAL CIRCUIT—MAXIMUM CONDITIONS

	R.M.S. Input Volts	Max. D.C. Output Volts	Amps.
Single phase full wave (2 tubes)	5300	4750	3
Single phase bridge (4 tubes)	10610	9500	3
Three phase half wave (3 tubes)	6120	7150	4.5
Three phase parallel double Y (6 tubes)	6120	7150	9
Three phase full wave (6 tubes)	6120	14300	4.5

Special Note

In transit mercury in tube splatters over filament—therefore when first placing this tube into operation filament should be lighted for fully 15 minutes to allow mercury to condense to bottom of bulb.