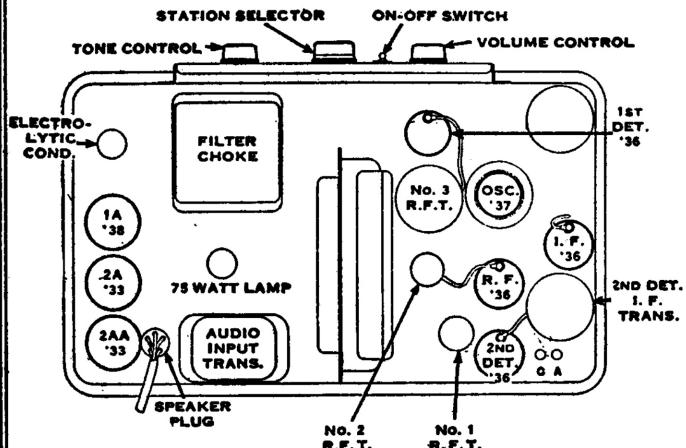


**MODEL 87-D
D.C. SUPERHET**

ATWATER KENT MFG. CO.



TOP VIEW OF MODEL 87-D.

The circle in the top right-hand corner indicates the shield for the coupling unit between the 1st-detector and the I. F. tube.

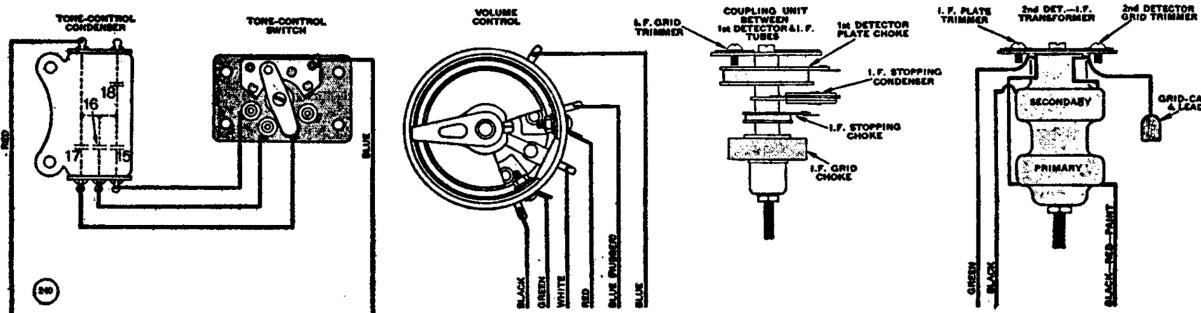
The readings given in the table below were obtained with the 250-volt scale of a 1000-ohm-per-volt D. C. voltmeter. The values given are only approximate and are the measured values, not the actual operating voltages. All measurements are made from cathode in heater tubes and from —F in plain-filament-type tubes.

Voltage Table for Model 87-D

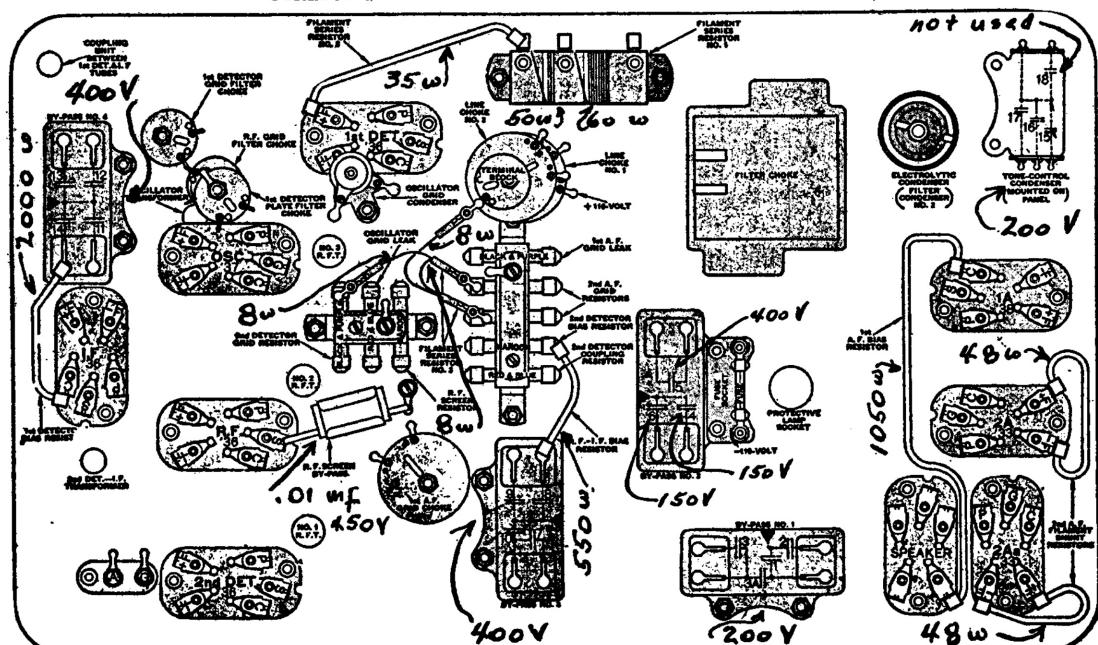
Turn Volume Control to Maximum

Line Voltage, 120

APPROXIMATE VOLTAGES				
R. F.	FILAMENT	PLATE	SCREEN	GRID
1ST-DET.	6	100	60	4
I. P.	6	100	60	3
2ND-DET.	6	65	40	SMALL
1ST-A. F.	6	93	98	4
2ND-A. F.	2	95	98	5
OSCILLATOR	6	100	—	5



CONNECTION OF PANEL UNITS AND I. F. TRANSFORMERS. MODEL 87-D.



The 2nd-A. F. Grid resistors are colored gray and green.

CHART OF MODEL 87-D.