



Code	Part No.	COILS	Code	Part No.	CONDENSERS	Code	Part No.	CONDENSERS
T1	1560	Aerial Coil	C1		.05 mfd. Paper	C29		.035 mfd. Paper
T2	2893	Osc. Coil	C2		10-50 mmfd. Mica Trimmer	C30		.005 mfd. Paper
T3	1523A	First I.F. Transformer	C3	2891	Variable Condenser	C31		.5 mfd. Paper
T4	1523B	Second I.F. Transformer	C4		50 mmfd. Mica (D)			
T5	1530A	Third I.F. Transformer	C5		15 mmfd. Mica (C)			
T6		TG53 (R39), TG131 (R42B)	C6		410 mmfd. Mica Padding			
			C7		10-50 mmfd. Mica Trimmer			
			C8	2891	Variable Condenser			
			C9		.05 mfd. Paper			
			C10		130 mmfd. Mica (H)			
			C11		10-50 mmfd. Mica Trimmer			
			C12		10-50 mmfd. Mica Trimmer			
			C13		130 mmfd. Mica (H)			
			C14		.5 mfd. Paper			
			C15		.1 mfd. Paper			
			C16		130 mmfd. Mica (H)			
			C17		10-50 mmfd. Mica Trimmer			
			C18		10-50 mmfd. Mica Trimmer			
			C19		130 mmfd. Mica (H)			
			C20		200 mmfd. Mica (J)			
			C21		700 mmfd. Mica			
			C22		.05 mfd. Paper			
			C23		.1 mfd. Paper			
			C24		200 mmfd. Mica (J)			
			C25		130 mmfd. Mica (H)			
			C26		10-50 mmfd. Mica Trimmer			
			C27		700 mmfd. Mica			
			C28		.05 mfd. Paper			
R1		60,000 ohms, 1/2 watt						
R2		50,000 ohms, 1/2 watt						
R3		75,000 ohms, 1/2 watt						
R4		50,000 ohms, 1/2 watt						
R5		1 1/2 Megohms, 1/2 watt						
R6		1 1/2 Megohms, 1/2 watt						
R7		1 1/2 Megohms, 1/2 watt						
R8		250,000 ohms, 1 watt						
R9	1507	500,000 ohms, Vol. Control						
R10		300,000 ohms, 1/2 watt						
R11		75,000 ohms, 1 watt						
R12		1 Megohm, 1/2 watt						
R13	2762	100,000 ohms, Tone Control						

Ratio from
12.5:1 11.5:1
10:1

Henry Douglas

Radiolette Models 39 and 42B

ELECTRICAL SPECIFICATIONS.

"A" Battery	2 volts (0.66 amps.)
	(Dial lamp off 0.60 amps.)
"B" Battery	120 volts
"C" Battery	4½ volts bias
Tuning Range	200-550 metres
Intermediate Frequency	460 K.C.

VALVES AND CIRCUITS.

- 1C6 Detector-Oscillator
- 1C4 I.F. Amplifier
- 1K6 I.F. Amplifier Detector, A.V.C. and Audio Amplifier
- 1D4 Output Pentode

SOCKET VOLTAGES.

VALVE	Chassis to Control Grid Volts	Chassis to Screen Grid Volts	Chassis to Plate Volts	Plate Current M.A.	Filament Volts
1C6 Detector	*1.5	45	120	1.0	2.0
Oscillator	—	—	55	1.5	—
1C4 I.F. Amplifier ...	*1.5	45	120	1.5	2.0
1K6 Reflex Amplifier and Detector	*1.5	*50	*55	0.75	2.0
1D4 Output Pentode	*4.5	120	115	6.0	2.0

Measured with controls in maximum clockwise position and with sensitivity switch in distant (D) position. No signal input.

*Cannot be measured with ordinary voltmeter.