

"Airzone" Model 452

CHASSIS TYPE 402

COMPONENT VALUES

RESISTORS.

R1—5,000 ohms, volume control; R2, R12—460 ohms, pigtail type; R3—50,000 ohms, $\frac{1}{2}$ W.; R4—30,000 ohms, $\frac{1}{2}$ W.; R5, R9—50,000 ohms, $\frac{1}{2}$ W.; R6—500 ohms, $\frac{1}{2}$ W.; R7—3,500 ohms, pigtail type; R8—20,000 ohms, 1 W.; R10—250,000 ohms, $\frac{1}{2}$ W.; R11—500,000 ohms, $\frac{1}{4}$ W.; R13—5,000 ohms, $\frac{1}{4}$ W.; R14—15,000 ohms, $\frac{1}{4}$ W.

CONDENSERS.

C1, C5, C7, C8—0.1 mfd., 400 v., paper; C2—100 mmfd., mica; C3—1,000 mmfd., mica; C4—5-plate padder; C6, C11—0.02 mfd., 400 v., paper; C9—250 mmfd., mica; C10—0.5 mfd., 400 v., paper; C12—10 mfd., 25 v., W., electro; C13—0.05 mfd., 400 v., paper; C14—5,000 mmfd., mica; C15—8 mfd., 440 v., W., electro; C16—8 mfd., 500 v., W., electro.

OPERATING VOLTAGES.

All voltages to chassis, with a "1,000 ohms per volt" meter; volume full on.

6A7, Frequency Converter: Plate, 235 v.; screen, 100 v.; cathode, 4.3 v.; osc. anode grid, 125 v. Plate current, 2.2 mA.

6F7, Triode-Pentode, 465 kC. I.F. Amplifier and Detector: Pent. plate, 235 v.; pent. screen, 100 v.; pent. cont. grid returned to point on bias resistor —0.6 v. from cathode; triode plate, 110 v.; cathode, 22 v. Pent. plate current, 3.8 mA.; triode plate current, 0.2 mA.

42, Output Pentode: Plate, 220 v.; screen, 235 v.; cathode, 14.5 v. Plate current, 24 mA.

80, Rectifier: Each plate, 320 v. (r.m.s.).

All voltages measured with 215 or 240 volts input, according to transformer tapping.