

MODEL 30 AW, 33 AW,
250 AW, 321 AW,
350 AW

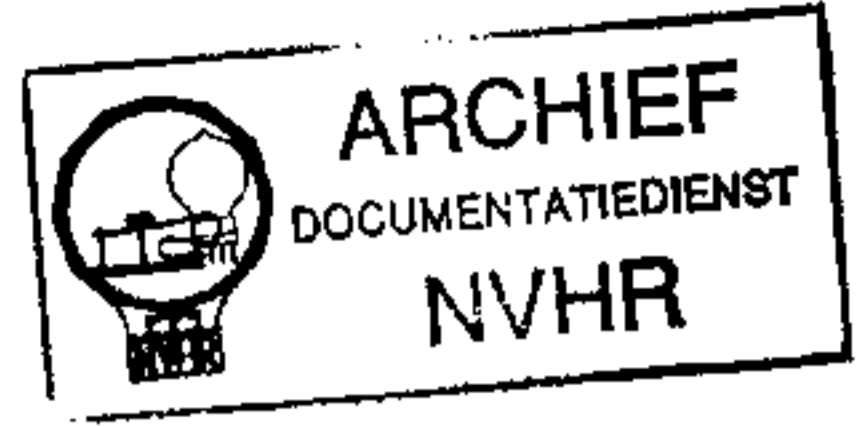
EMERSON RADIO AND PHONOGRAPH
CORPORATION

Ned. Ver. v. Historie v/d Radio

Schematic, Voltage,
Socket

Voltage Readings:

Readings should be taken with Volume Control fully on.
Tuning control set for 550 K.C., and antenna outside the set.
Use a D.C. Voltmeter having a resistance of 1000 ohms per volt.



Using	300-volt scale Plate to Ground	300-volt scale Screen to Ground	30-volt scale Cathode to Ground
78—Detector Oscillator ..	98	98	1.6
78—I. F. Amplifier.....	98	98	2.8
77—2nd Detector ...	35	25	1.5
43—Power Amplifier	92	98	..
25Z5—Rectifier	98

A.C.-D.C. . . 100-135 Volts . . 25-70 Cycles
Also Available for 220 Volts.

Broadcast 540—1500 Kilocycles
Short Wave 1500—3000 Kilocycles
200—100 Meters

Voltage across speaker field 100 volt.

Bias for 43 tube is measured across filter choke and should be 15 to 18 volts.

