

MODEL 89, 89-F, 89-P

ATWATER KENT MFG. CO.

89 Below serial 6,755,181

89-F Below serial 1,585,395

89-P Below serial 1,935,904

FILTER CAPACITORS. The numerals adjacent to the filter capacitors shown upon the wiring diagram correspond with the numbers stamped upon the condenser terminal block. The following are the connections:

Filter # 1 2.0 mfd connected between terminals (1) and (4)

Filter # 2 2.3 mfd connected between terminals (2) and (4)

Filter # 3 2.3 mfd connected between terminal (6) and can

Hum .25 mfd connected between terminals (5) and (4)

A-F Filter .5 mfd connected between terminal (6) and center stud

BYPASS CAPACITORS. The numerals within circles adjacent to the bypass condensers shown upon the schematic wiring diagram correspond with the numbers shown upon the multi-section bypass units below.

Quality Condenser	1.	.03 mfd	450 volts	2.	.03 mfd	450 volts	# 21450
RF Bypass # 1	6.	.05 mfd	400 volts	7.	.04 mfd	400 volts	# 21440
	8.	.3 mfd	400 volts		*	See Note.	
RF Bypass # 2	3.	.1 mfd	400 volts	4.	.1 mfd	400 volts	# 22050
	5.	.3 mfd	400 volts				
RF Bypass # 3	9.	.1 mfd	400 volts	10.	.02 mfd	400 volts	# 21430
	11.	.06 mfd	400 volts	12.	.1 mfd	400 volts	

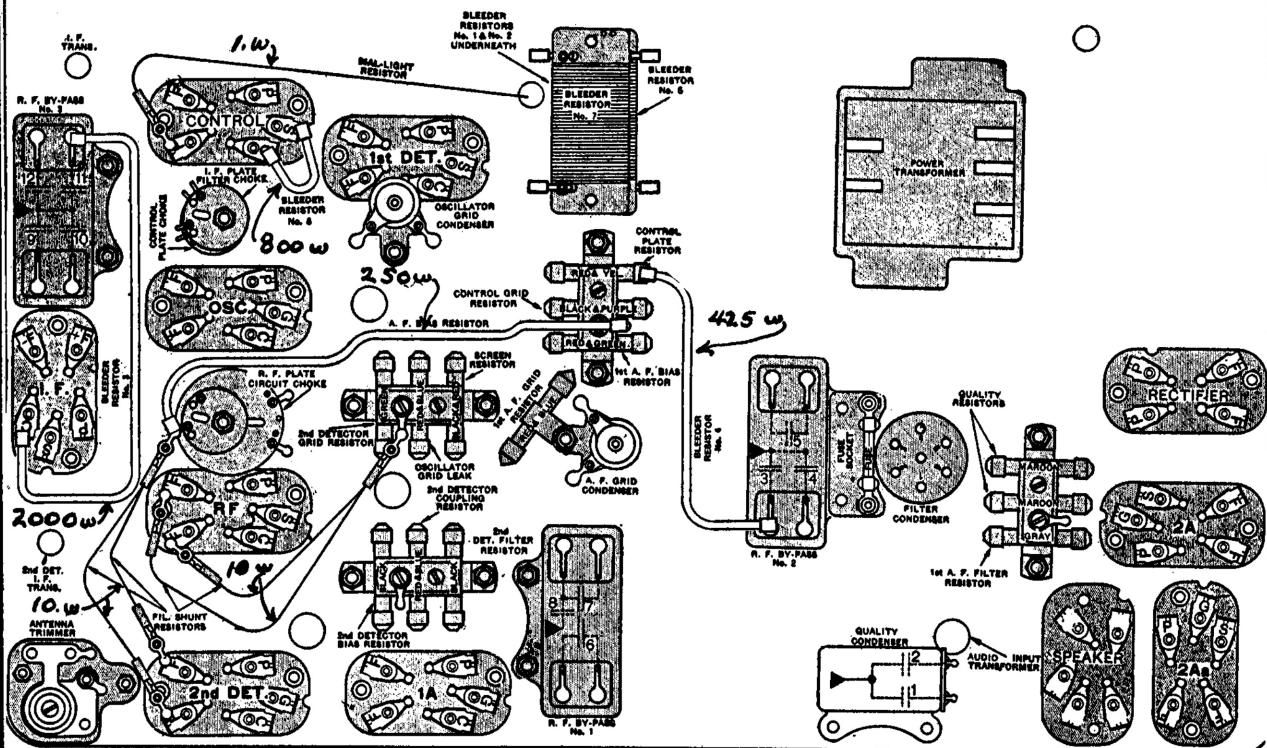


CHART OF MODEL 89, 89-F.

The 2nd-detector grid resistor is not used in late-type Model 89, 89-F, 89-P.

Quality Condenser

- 1—Quality condenser.
2—Quality condenser.

R. F. By-pass No. 1

- 6—2nd-detector—1st-A. F. coupling condenser.
7—2nd-detector grid-circuit by-pass.
8—2nd-detector bias by-pass.

(A small "phone" condenser, not shown, is connected internally to the lower-left terminal of by-pass No. 1.)

R. F. By-pass No. 2

- 3—R. F. bias-by-pass.
4—2nd-detector filter condenser.
5—I. F. screen by-pass.

R. F. By-pass No. 3

- 9—I. F. plate by-pass.
10—1st-detector grid-circuit by-pass.
11—1st-detector bias by-pass.
12—Control-plate condenser.