

Atwater Kent

Model: 89, 3rd Type

Chassis:

Year: Pre June 1933

Power:

Circuit:

IF:

Tubes:

Bands:

Resources

Riders Volume 3 - A-K 3-107

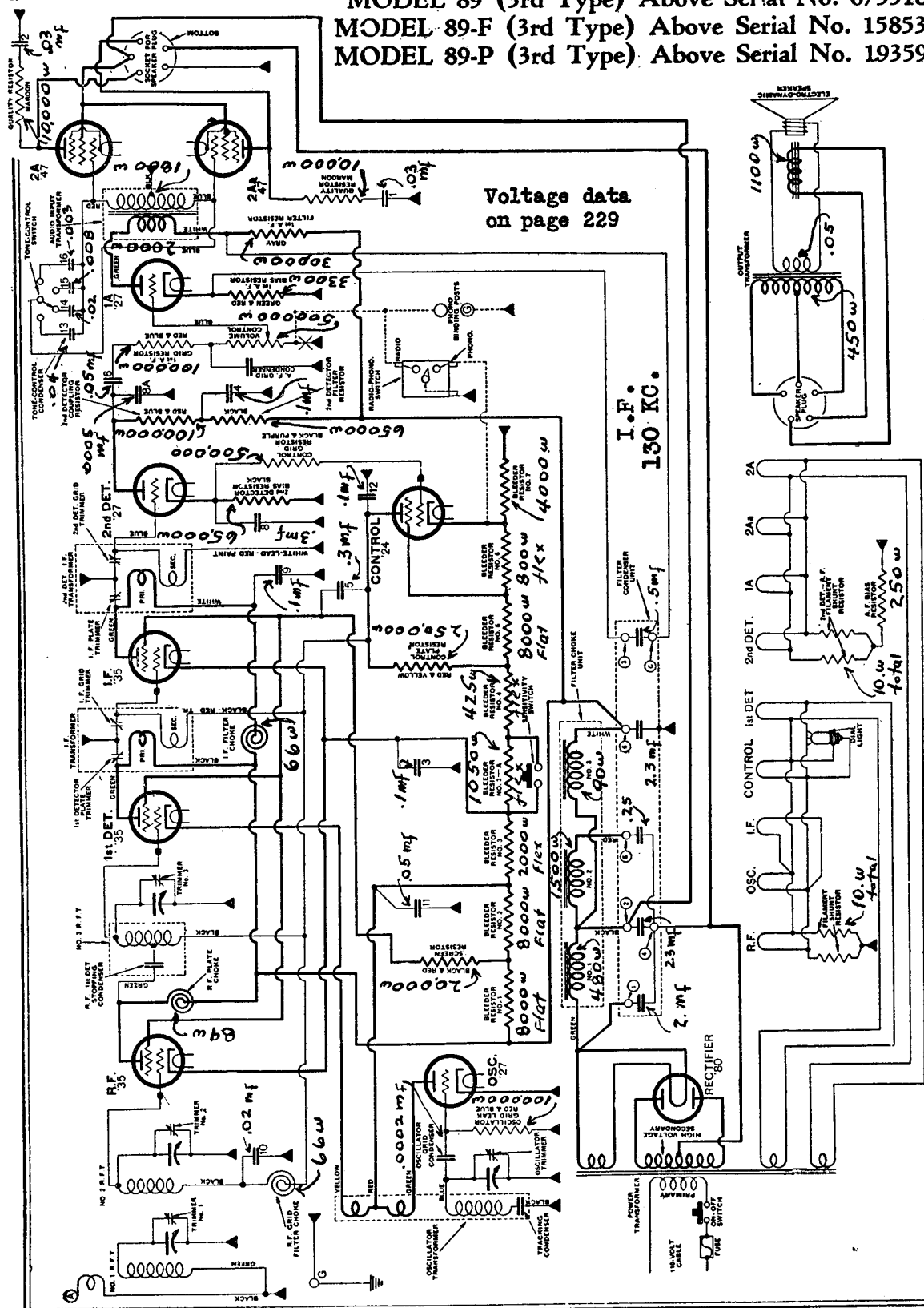
Riders Volume 3 - A-K 3-108

MODEL 89, 89-F, 89-P
3rd Type

ATWATER KENT MFG. CO.

MODEL 89 (3rd Type) Above Serial No. 6755181
MODEL 89-F (3rd Type) Above Serial No. 1585395
MODEL 89-P (3rd Type) Above Serial No. 1935904

Voltage data
on page 229



The phonograph-switching circuit in 89-P is shown above in dotted lines
Numbers adjacent to bypass condensers correspond with numbers shown upon multi-section bypass units in parts layout on next page.

Voltage reference page 8-88.

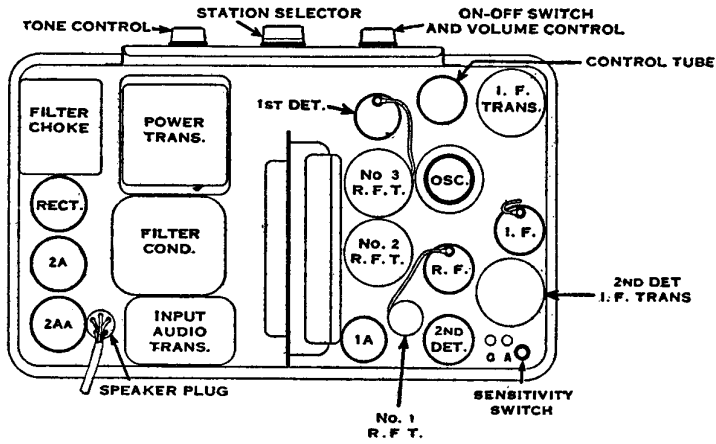
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3rd Type**

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TUBES

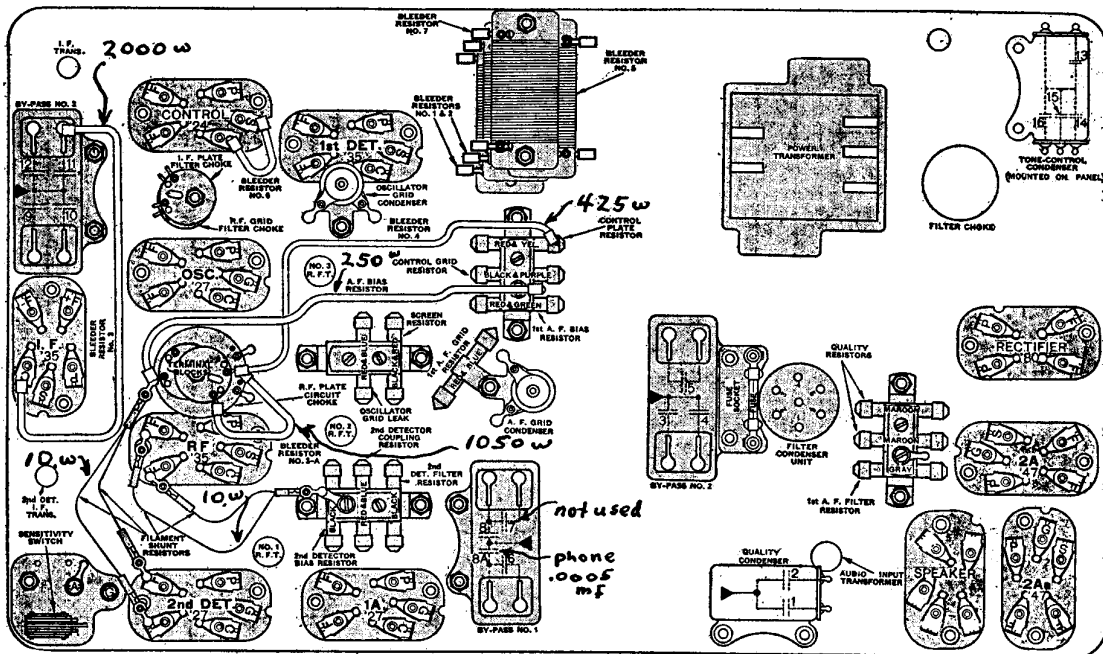
R. F.	= '35
1st Det.	= '35
I. F.	= '35
2nd Det.	= '27
1st A. F.	= '27
2nd A. F.	= '47(2)
Osc.	= '27
Control	= '24
Rectifier	= '80



TOP VIEW.

Model 89-P has two binding posts for pick-up connection at the rear of the chassis, and a radio-phonos toggle switch is mounted on the front panel.

- | | | | |
|----------------------|---------------------------|--------------------------|------------------------|
| RF Bypass # 1 | rated at 400 volts | Quality condenser | rated 450 volts |
| RF Bypass # 2 | rated at 200 volts | Tone control | rated 200 volts |
| RF Bypass # 3 | rated at 400 volts | | |



BOTTOM CHART.

By-pass Condensers

By-pass No. 1	By-pass No. 2	By-pass No. 3	Tone-control Condenser
6—2nd-detector—1st-A. F. coupling condenser.	8—R. F.—I. F. bias by-pass.	9—I. F. plate filter condenser.	13—Tone-control condenser.
7—Not used.	4—2nd-detector plate filter condenser.	10—R. F. grid filter condenser.	14—Tone-control condenser.
8—2nd-detector bias by-pass.	5—Screen by-pass.	11—1st-detector bias by-pass.	15—Tone-control condenser.
8A—Phone condenser.		12—Control plate by-pass.	16—Tone-control condenser.