

MODEL 32**ATWATER KENT MFG. CO.****Data****Model 32****CONDENSERS**

| | | | |
|----------------|------------|---------|-----------|
| Detector phone | .002 mfd | # 8241 | 500 volts |
| Detector grid | .00025 mfd | # 8112 | 500 volts |
| Plate bypass | .3 mfd | # 14902 | 450 volts |

RESISTORS

| | | | |
|--------------------|----------|---------|---------------------|
| Grid suppressors | 865 ohms | # 8284 | flat wire wound |
| Detector grid leak | 2.0 megs | # 15892 | 1 watt green |
| Detector bias | 450 ohms | # 8190 | tapped 180-270 ohms |
| A-f filament | 1.5 ohm | # 8256 | green covered |
| Detector rheostat | 20 ohms | # 8310 | |
| R-f rheostat | 5 ohms | # 8308 | |

TRANSFORMERS

| | | |
|-------------------|-----------|--------|
| 1st a-f primary | 1000 ohms | # 8060 |
| 1st a-f secondary | 7000 ohms | |
| 2nd a-f primary | 1700 ohms | # 7661 |
| 2nd a-f secondary | 3250 ohms | |

CHOKES

| | | |
|---------------|---------|--------|
| Antenna choke | 35 ohms | # 8232 |
|---------------|---------|--------|

Phone condenser and grid bias resistor are mounted upon detector and a-f tube shelf. The plate bypass condenser is located adjacent to the 4th r-f socket. The antenna choke listed above is designated as the "choke coil" in the wiring diagram.

The antenna choke is located near the 1st r-f tube socket. The plate bypass condenser referred to in the above parts specification is listed as "fixed condenser" in the wiring diagram. While it is true that the wiring diagram illustrates a 3. meg detector grid leak, the Atwater-Kent parts list calls for the 2. meg unit mentioned above.

Model 35 Late

The parts used in the Model 35 Late, are the same as in Model 35 Early, except that the grid suppressors are 350 ohms each and are part # 8349 and are flat wire wound units.