

## SPECIAL PURPOSE TUBES—INDUSTRIAL TYPES

## HIGH VACUUM AMPLIFIERS

| TYPE   | FILAMENT |       | MAX. DIMENSIONS<br>INCHES |       | MAX. PLATE RATINGS<br>CLASS C R-F POWER AMPLIFIER |      |                | DISSIPATION<br>WATTS | MAX. FREQ.<br>FOR FULL<br>INPUT | TRANSCONDUCTANCE<br>MICRO-<br>MHOS | AMPLIFICATION<br>FACTOR | BASING<br>DIAG. |
|--------|----------|-------|---------------------------|-------|---------------------------------------------------|------|----------------|----------------------|---------------------------------|------------------------------------|-------------------------|-----------------|
|        | VOLTS    | AMPS. | LENGTH                    | DIAM. | VOLTS                                             | MA.  | INPUT<br>WATTS |                      |                                 |                                    |                         |                 |
| 813    | 10.0     | 5.0   | 7½                        | 2⅞    | 2,000                                             | 180  | 400            | 100                  | 30                              | 3750                               | 8.5*                    | 5BA             |
| 829-B† | 6.3      | 1.125 | 4⅝                        | 2⅜    | 750                                               | 240  | 120            | 40                   | 200                             | 8500                               | 9.0*                    | 829-B           |
| 892†   | 22       | 60    | 20⅞                       | 6⅜    | 15,000                                            | 2000 | 30,000         | 10,000               | 1.6                             |                                    | 50                      | 892             |
| 5736†  | 6.0      | 60    | 7¼                        | 3⅝    | 5,000                                             | 1400 | 5,000          | 2,500                | 60                              |                                    | 22 Max.                 |                 |

\* Grid No. 2 to Grid No. 1.

† Without Modulation.

## IGNITRON (Resistance Welder Service)

| TYPE       | MAX. DIMENSIONS<br>INCHES |       | RMS<br>SUPPLY<br>VOLTS | MAX. KVA DEMAND<br>AND CORRESPONDING<br>AVERAGE CURRENT |       | MAX. AVERAGE CURRENT<br>AND CORRESPONDING<br>KVA DEMAND |       | TYPE<br>COOLING |
|------------|---------------------------|-------|------------------------|---------------------------------------------------------|-------|---------------------------------------------------------|-------|-----------------|
|            | LENGTH                    | DIAM. |                        | KVA                                                     | AMPS. | KVA                                                     | AMPS. |                 |
| 5550/681   | 17⅝                       | 2¾    | 250<br>600             | 300                                                     | 12.1  | 100                                                     | 22.4  | Clamp           |
| 5551-A     | 23¾                       | 2¾    | 250<br>600             | 600                                                     | 30.2  | 200                                                     | 56.0  | Water           |
| 5552-A     | 27¼                       | 4¼    | 250<br>600             | 1200                                                    | 75.6  | 400                                                     | 140   | Water           |
| 5553-B/655 | 31¼                       | 5⅝    | 250<br>600             | 2400                                                    | 192   | 800                                                     | 355   | Water           |