

RECTIFIER TUBE

NL-606

FULL-WAVE RECTIFIER TUBE

6.4 Amperes dc



NATIONAL POWER TUBE NL-606 is a sturdy full-wave rectifier tube designed especially for industrial power rectifier applications up to 250 volts dc. It is gas and mercury filled for quick starting and long life. It is available with a lug base under the type number NL-606L.

NATIONAL ELECTRONICS, INC.

GENEVA, ILLINOIS, U. S. A.

NL-606 RECTIFIER TUBE TECHNICAL INFORMATION

| | |
|---|---------------------|
| dc Amperes output (maximum) | 6.4 |
| Instantaneous Amperes output (maximum) | 25.6 |
| Maximum time of averaging anode current (seconds) | 5 |
| Maximum peak inverse volts | 900 |
| Filament volts | 2.5 |
| Filament amperes | 17 ± 2 |
| Filament heating time (seconds) | 40 |
| Typical arc drop at 9 amperes peak (volts) | 10 |
| Typical Anode starting voltage (volts) | 10 |
| Maximum ac short circuit current (amperes) | 360 |
| Condensed mercury temperature limits (°C) * | 0 to +90 |
| Approx. temp. rise, cond. merc. above ambient, no load (°C) | 30 |
| Approx. temp. rise, cond. merc. above ambient, full load (°C) | 40 |
| Mounting position | vertical, base down |
| Net weight (ounces) | 8 |
| Approx. shipping weight (lbs.) | 3 |

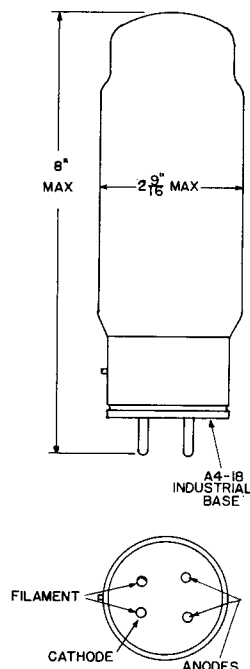
*Satisfactory operation will be obtained between 0 and +90°C. For long life the tube should be operated between +40 and +90°C condensed mercury, or approximately 0 to +50°C ambient.

ALL DATA ARE BASED ON RETURNS TO FILAMENT CENTER TAP

LIGHT FILAMENT BEFORE APPLYING LOAD

OUTLINE DRAWINGS

NL-606



NL-606L

