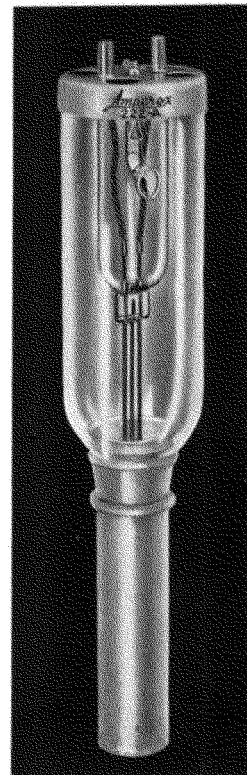


AMPEREX WATER-COOLED RECTIFIER 222-A

Half Wave, High Voltage, Water-Cooled Rectifier



DIMENSIONS:

| | |
|----------------------------------|----------------------------------|
| Maximum Overall Length | 18" |
| Maximum Diameter | 3 1/16" |
| Water Jacket | Standard or Amperex Type DW 2000 |

FILAMENT: Tungsten

| | |
|-----------------------------------|------|
| A.C. Voltage | 21.5 |
| Current (amps) | 41.0 |
| Average Emission (amps) | 7.0 |

(NOTE: Outline diagram and detailed dimensions are shown on reverse side of this page.)

MAXIMUM RATINGS:

| | |
|--------------------------------------|------------------------|
| Peak Inverse Voltage | 25,000 |
| Maximum Peak Plate Current] _____ [| At Filament Voltage of |
| 5.5 Amperes | 21.5 |
| 4.5 Amperes | 21.0 |
| 3.5 Amperes | 20.5 |
| 2.8 Amperes | 20.0 |

APPROXIMATE MAXIMUM OUTPUTS IN TYPICAL RECTIFIER CIRCUITS

| | Output potential in Volts | Output Current in Amperes |
|---|------------------------------|------------------------------|
| Single Phase Full Wave (2 tubes) | 7500 | 3 |
| Single Phase Full Wave Bridge (4 tubes) | 15000 | 3 |
| Three Phase Half Wave (3 tubes) | 11000 | 5 |
| Three Phase Half Wave (6 tubes) | 23000 | 5 |
| Three Phase Double Y Parallel (6 tubes) | 11000 | 9 |

AMPEREX

222-A

222-A - AMPEREX WATER-COOLED RECTIFIER

