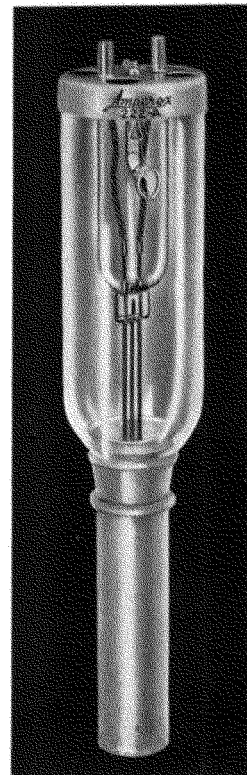


AMPEREX WATER-COOLED RECTIFIER 222-A

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

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222-A

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