WL-530

Water Cooled Triode

GENERAL CHARACTERISTICS

Electrical

Cathode	Thoriated Tungsten
Filament Voltage	7 to 8 Volts
Filament Current	85 Amperes
Nominal Peak Emission	80 Amperes
Min. Power Output During Pulse	75 Kilowatts
Amplification Factor	21 to 26
Interelectrode Capacitance	
Grid to Plate, Max.	27 Micro Microfarads
Grid to Cathode, Max.	23 Micro Microfarads
Plate to Cathode, Max.	4 Micro Microfarads

Mechanical

Type of Cooling (Anode)	Distilled Water
Type of Cooling (Grid)	Forced Air
Dimensions	See Outline
Operating Position	Anode End Down

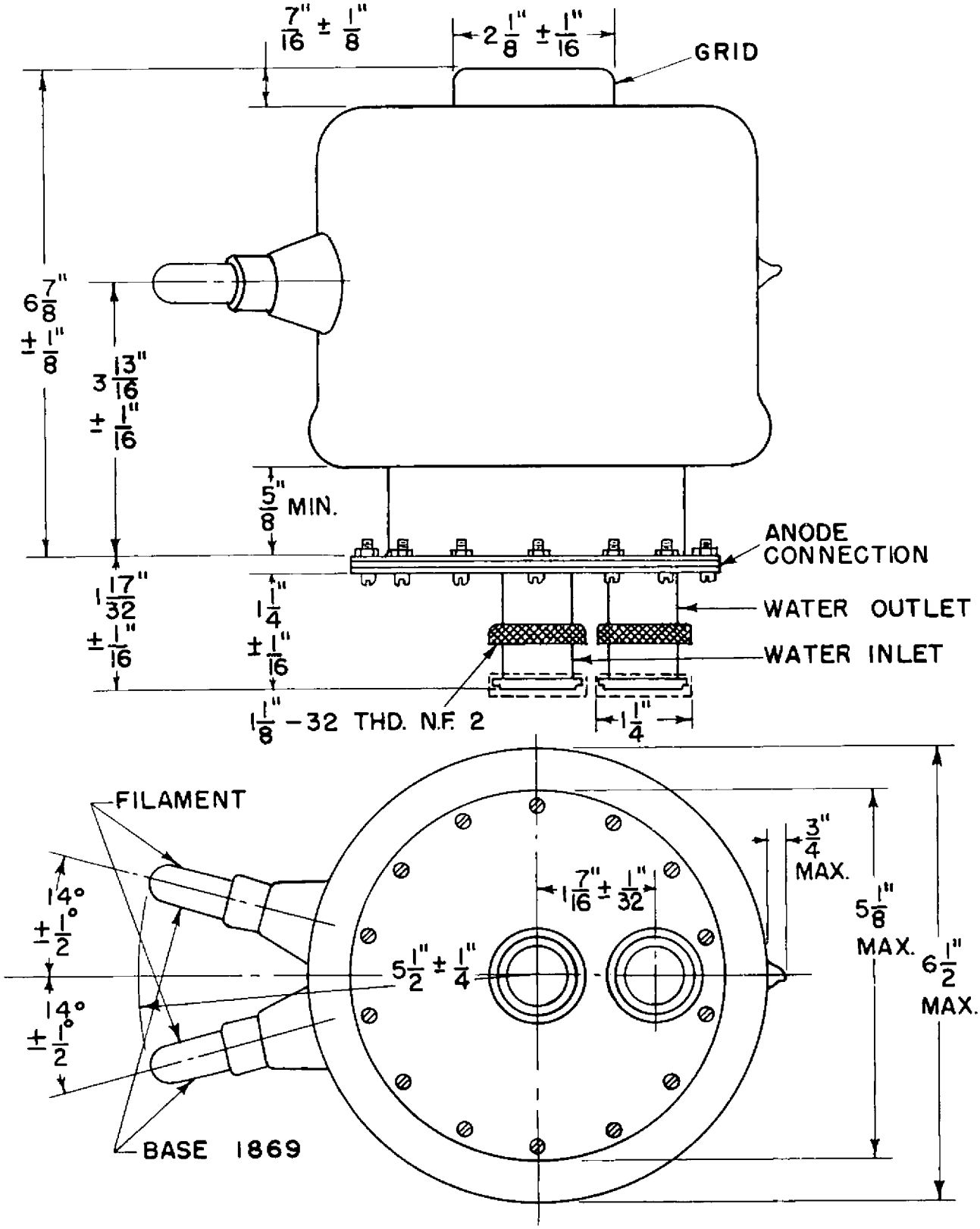
MAXIMUM RATINGS

Plate Potential	15,000 Volts
Grid Potential	4000 Volts
Plate Dissipation	8000 Watts
Operating Frequency	120 Megacycles

Bloomfield, New Jersey December 5, 1945

from RMA release # 612, Oct. 20, 1947
sponsor: Westinghouse Electric Co.

WL-530


7/16" ± 1/8"
2 1/8" ± 1/16"
GRID
6 7/8" ± 1/8"
3 13/16" ± 1/16"
5/8" MIN.
ANODE CONNECTION
WATER OUTLET
WATER INLET
1 17/32" ± 1/16"
1 1/4" ± 1/16"
1 1/8" -32 THD. N.F. 2
1 1/4"
FILAMENT
14° ± 1/2°
14° ± 1/2°
BASE 1869
1 7/16" ± 1/32"
5 1/2" ± 1/4"
3/4" MAX.
5 1/8" MAX.
6 1/2" MAX.

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