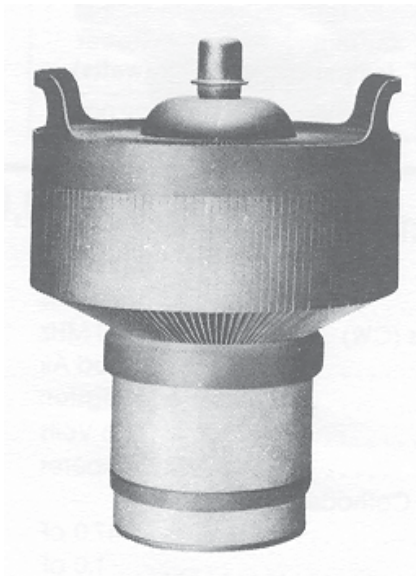


The 3CX15,000A3 is a medium-mu power triode designed for use as a power oscillator in industrial radio frequency heating applications. It is also recommended for use as a conventional plate modulated amplifier, or as a linear amplifier. The one kilowatt filament and rugged 500 watt grid structure make this tube especially suitable for heavy duty service.



## CHARACTERISTICS

Plate Dissipation (Max.)	15,000 Watts
Screen Dissipation (Max.)	---
Grid Dissipation (Max.)	500 Watts
Frequency for Max. rating (CW)	100 MHz
Amplification Factor	20
Filament/Cathode	Thoriated Tungsten
Voltage	6.3 Volts
Current	160 Amps
Capacitance	Grounded Cathode
Input	55.0 pf
Output	1.4 pf
Feedthrough	340 pf
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Cooling	Forced Air
Base	Coaxial
Air Socket	SK-1300
Air Chimney	SK-1306
Boiler	---
Length	8.75 in; 222.30 mm
Diameter	7.05 in; 179.10 mm
Weight	12.0 oz; 5.5 kg

Class of Operation	Type of Service	MAXIMUM RATINGS		TYPICAL OPERATION				
		Plate Voltage (Volts)	Plate Current (Amps)	Plate Voltage (Volts)	Screen Voltage (Volts)	Plate Current (Amps)	Drive Power (Watts)	Output Power (kiloWatts)
C	Grid driven RF amplifier	8,000	6.0	8,000	---	5.9	740	34.0

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.



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