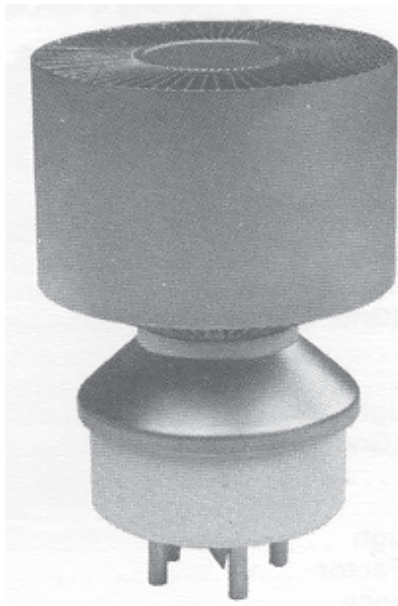


The 3CX1500D3 is a forced air cooled, ceramic/metal, medium-mu power triode designed primarily for use in industrial radio frequency heating services. Input of 4.3 kW is permissible up to 110 MHz. Plentiful reserve emission is available from its 158 watt filament. The grid structure is rated at 75 watts, making this tube an excellent choice for industrial service.



CHARACTERISTICS

Plate Dissipation (Max.)	1,500 Watts
Screen Dissipation (Max.)	---
Grid Dissipation (Max.)	75 Watts
Frequency for Max. rating (CW)	110 MHz
Amplification Factor	24
Filament/Cathode	Thoriated Tungsten
Voltage	6.3 Volts
Current	25.0 Amps
Capacitance	Grounded Cathode
Input	10.0 pf
Output	0.9 pf
Feedthrough	10 pf
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Cooling	Forced Air
Base	---
Air Socket	SK-410
Air Chimney	SK-446
Boiler	---
Length	5.625 in; 14.29 cm
Diameter	3.42 in; 8.69 cm
Weight	3.2 lb ; 7.1 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	RF Industrial oscillator or amplifier	7,000	0.8	6,000	---	0.65	85	2.8

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.



For information on this and other CPI products, visit our website at: www.cpii.com, or contact: CPI MPP Division, Eimac Operations, 607 Hansen Way, Palo Alto, CA 94303
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