

Taylor

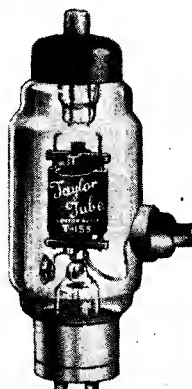


Tubes

T-155

155 WATTS PLATE DISSIPATION
CARBON ANODE

\$19.50



A HIGH POWER TUBE
FOR EFFICIENT SERVICE
ON HIGH FREQUENCIES

The **TAYLOR T155** is a high voltage low current tube, of the same general character as our T55 excepting its size and power rating, which is three times that of the T55.

This tube is recommended for use as a class "C" amplifier on high frequencies and as an oscillator for therapeutic apparatus where high efficiency is required. The unique design in this tube permits use of high resistance internal insulators. The misalignment of elements (which so often develops in tubes with self-supporting elements) is impossible in the T55.

GENERAL CHARACTERISTICS TYPE T-155

Filament Voltage, volts.....	10
Filament Current, amps.....	4
Plate Resistance, ohms.....	5700
Mutual Conductance, uMhos.....	3500
Amplification Factor.....	20
Thoriated Tungsten Filament.	

OVERALL DIMENSIONS

Length	9"
Width	4 1/8"

INTERELECTRODE CAPACITIES

Plate to Grid, mmf.....	3
Grid to Filament, mmf.....	2.5
Plate to Filament, mmf.....	1

CLASS "C" OSC AND POWER AMP

Max. Operating Plate Volts.....	*3000
Max. DC Plate Current, mls.....	* 200
Max. DC Grid Current, mls.....	60
Max. Plate Dissipation, watts.....	155
Power Output, watts.....	450

* These maximum ratings to be applied where efficiency of Class "C" amplifier is 75% or better.

NORMAL OPERATION

$E_p = 2500$	$E_g = -250$	$E_f = 10$
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GENERAL INFORMATION

The general acceptance of our T55 by the Radio field was overwhelming and beyond our expectations. The tube took hold as soon as it was shown on the market. With the demand for the T55 also came a demand for a tube of the T55 type that would handle larger inputs. Our answer was the T155.

The Cardwell type NA-5-NS and National type N.C. 800 condensers are recommended for neutralizing the T155 when used as an amplifier.

The high ratio of Grid to Plate capacity to the transconductance in the T155 makes it an ideal tube for use as a Class C Amplifier on high frequencies. The characteristics of this tube allow its use on wavelengths of 2 to 160 meters with a high percentage of over-all efficiency.

Taylor Tubes are evacuated to the highest degree. There is no danger of gas being released from the **TAYLOR CARBON ANODES** when the Anode shows a red color during operation.

Each and every **TAYLOR CARBON ANODE** tube is checked for emission while the Anode is white hot at 60% of the tube's rated filament voltage.

Leading manufacturers of Therapeutic Apparatus have chosen **TAYLOR CARBON ANODE** tubes, because they can stand generous overloads and have a high plate dissipation rating which is so desirous in this type of apparatus.

CARBON ANODES

PRODUCE

More Watts Per Dollar