

**Alimentation de précision
FLUKE 407**

MODEL 407 HIGH RESOLUTION DC POWER SUPPLY

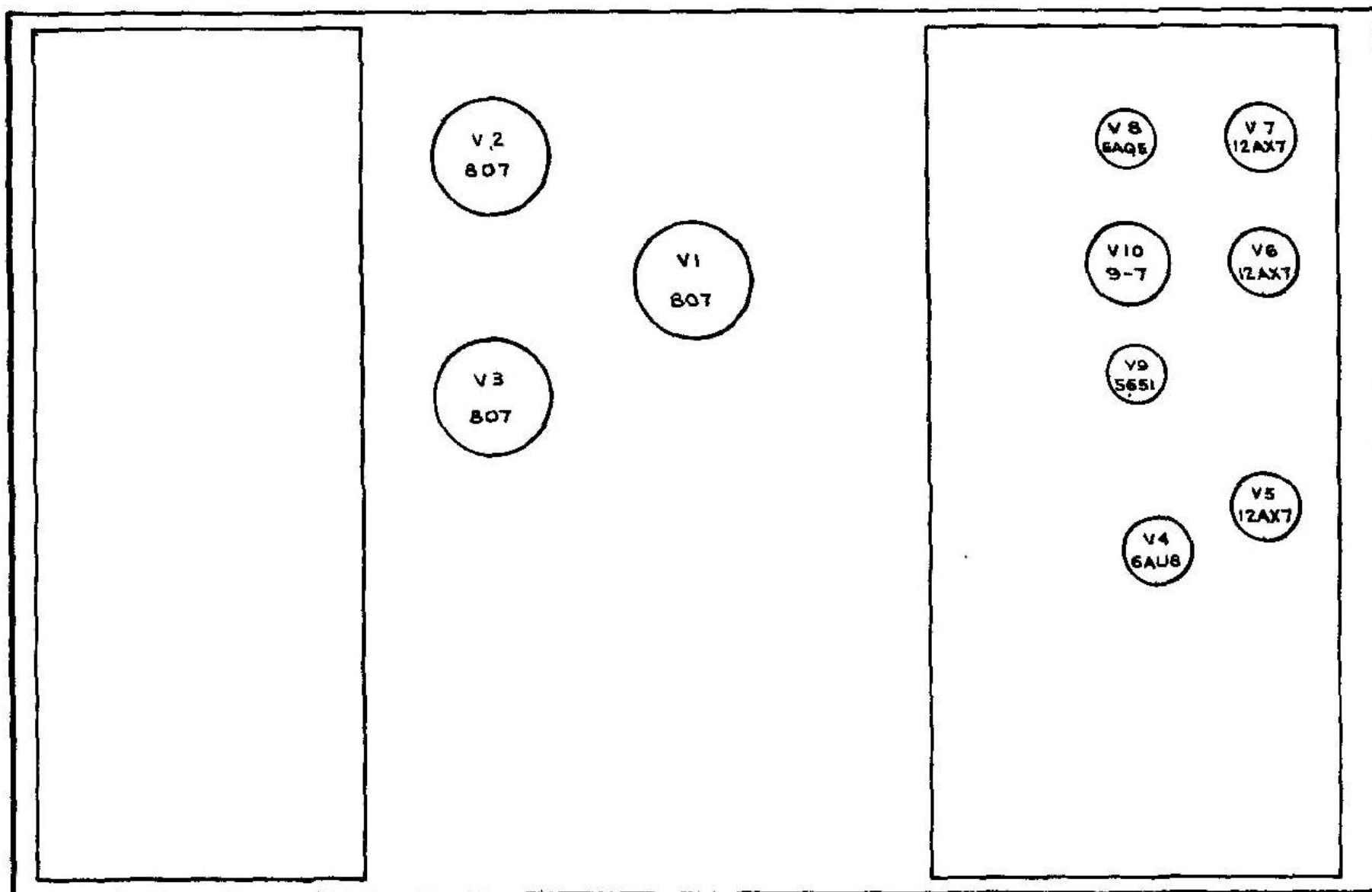
SPECIFICATIONS

Input Voltage:	117/234 volt, 50/60 cycles single phase
Input Power:	425 watts at full load, 100 watts standby
Main Output Voltage:	0 to 555 volts
Main Output Current:	0 to 300 milliamperes
Line Regulation:	0.01% or 50 mv, whichever is greater for line change from 105 volts to 130 volts
Load Regulation:	0.01% or 50 millivolts, whichever is greater, for 300 milliampere load change
Output Impedance:	Less than 0.5 ohm dc to 100 kc at full load
Stability:	0.01% or 50 millivolts per hour 0.05% or 250 millivolts per day
Ripple:	1 millivolt RMS or less
Voltage Resolution:	2 millivolts over entire range
Voltage Controls:	0 to 500 volts in ten 50 volt steps 0 to 55 volts, smoothly variable 0 to 0.55 volts, smoothly variable
Calibration Accuracy:	Better than 0.5% from 50 to 500 volts when set up by 0 - 500 volt control
Output Polarity:	Either plus or minus side of main output may be grounded, or both sides may be left floating. Two supplies may be series connected
Meter:	Illuminated 4-1/2 inch. Selectively reads main output voltage, bias voltage, main output current
Meter Ranges:	0 - 600 volts, 0 - 60 volts, 0 - 300 milliamperes
Auxiliary Outputs:	(DC) 0 to minus 250 volts and 0 to minus 25 volts, variable via BIAS control. Maximum output 5 milliamperes at minus 250 volts. Plus side connected to minus side of main output. Line regulation 0.02%, 1 millivolt maximum ripple. Output impedance 0 to 10,000 ohms, depending on setting of BIAS control. At 250 volt setting, load regulation 0.01% for 5 ma load change. (AC) Two independent 6.3 volt, 5 ampere outputs. May be series or parallel connected. Each insulated for 1500 volts RMS to ground and each other.
Output Connectors:	Binding posts on 3/4 inch centers. Also terminal strip at rear on rack model
Mechanical:	Portable Model: 9-3/4" W x 13" H x 14" D, 32 lbs. Rack Model: 19" W x 8-3/4" H x 16" D, 32 lbs.

JOHN FLUKE MFG. CO., INC.

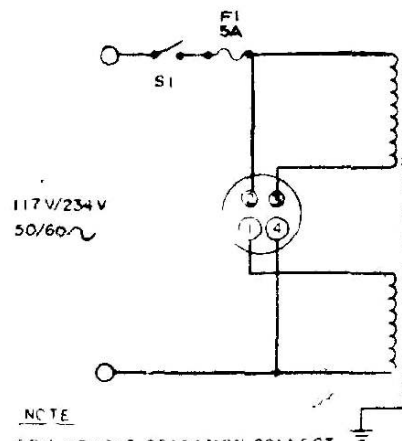
P. O. BOX 7128

Seattle 33, Washington



MODEL 407

TUBE LOCATION CHART - TOP VIEW



NOTE
FOR 117VOLT OPERATION CONNECT
1 TO 2 AND 3 TO 4
FOR 234V OPERATION CONNECT
1 TO 3

S2A POSITION	VOLTS D.C. ACROSS C1 & C2 AT 117V LINE, NO LOAD
0,1	200
2,3	410
4,5	520
6	600
7	660
8	715
9	780
10	840

